



**Bharat Sanchar Nigam  
Limited**  
(A Government of India Enterprise)  
**O/o Chief General Manager**  
**Tamilnadu Circle- Chennai-6**

**TNCO-23/11(11)/22/2024-MM UNIT (NWP-CFA) –CO dated 20.03.2024**

**SECTION-I**

**NOTICE INVITING TENDER**

For and on behalf of Bharat Sanchar Nigam Limited, CGM, Tamilnadu Circle invites digitally sealed tenders from eligible bidders for the **Outsourcing for the maintenance of Optic Fiber Cables and Transmission systems in Tirunelveli BA (Tirunelveli OA & Tuticorin OA) for Two Years (2024-2026)**

1. The tender consists of two packages as follows:
  - a. Package-A: Maintenance of Optic Fiber Cables and Transmission systems throughout Tirunelveli OA.
  - b. Package-B: Supplying of the materials prescribed in the list for the smooth maintenance of the Optic Fiber cables and transmission systems.
2. The Tender is for TWO Zones : Zone 1 - Tirunelveli OA and  
Zone 2 - Tuticorin OA
3. The bidder shall participate in both the packages in Zone 1 or Zone 2 or for Both. The evaluation shall be based on the rate quoted in both packages Zone wise .Participating in either Package A or B and neglecting the other is not allowed.
4. The Tender which is not accompanied by DD for cost of Tender document and BID Security Declaration shall be summarily rejected. However bidders having valid MSME registration are exempted from the payment of Cost of Tender document.
5. The Cost of Tender Document : Rs 1770 (inclusive of GST @ 18%)
6. The estimated cost of the tender and the EMD /Bid Security are given in the table below for each package.

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ZONE -1 Tirunelveli OA

Part	Description	Estimated cost / year (Rs)	Total estimated cost per year (Rs)	Total estimated cost for two years (Rs)	EMD (Rs) 2% of Total Tender Value in Rs.	Annual Turn Over in Rs.
Package A	Maintenance of Optical Fibre Cable and Transmission System Work	49,59,430	60,68,030	1,21,36,060	2,42,721	18,20,409
Package B	Supply of Materials	11,08,600				

Zone -2 Tuticorin OA

Part	Description	Estimated cost / year (Rs)	Total estimated cost per year (Rs)	Total estimated cost for two years (Rs)	EMD 2% of Total Tender Value in Rs.	Annual Turn Over in Rs.
Package A	Maintenance of Optical Fibre Cable and Transmission System Work	39,63,970	48,52,070	97,04,140	1,94,083	14,55,621
Package B	Supply of Materials	8,88,100				

**COST OF THE TENDER DOCUMENT**

**(Non Refundable):** To be paid by DD in favour of AO (Cash), BSNL TN Circle, Chennai

**7. ELIGIBILITY**

- The bidder shall be Indian registered companies under companies act 1956/2013 or a LLP or MSME or a firm registered under applicable acts.
- The bidder shall not be black-listed/debarred for Telecom business by any Central/State Governments/PSU's in India at the time of submission of the bid. An undertaking must be submitted in this regard.
- The bidder shall have a valid PAN.
- The bidder shall have a valid registration under GST or declaration as applicable.
- The bidder shall have a valid EPF registration (if applicable or declaration).
- The bidder shall have ESI registration (if applicable or declaration).
- Annual turnover certificate of 30% of yearly estimated cost**

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**of the tender during any one of the last three consecutive financial years from any telecom or related business.** The bidders shall be required to support claims of the financial qualifications through their audited financial statements duly certified by their CA and self attested.

h. Near relatives of the BSNL employees are prohibited from Participation in Tender execution of Works in BSNL units in Tirunelveli BA

**i. Experience:**

The tenderer intending to bid, should have sufficient experience Minimum one year in OFC laying, maintenance of underground telecom cables and associated work should have Experience Certificate obtained from a BSNL officer not below the rank of AGM/ Divisional Engineer or from an officer of equivalent rank from a Public Sector Unit /Government Department or from other TSPs in any of **the last three financial years** (i.e.) 2020-21, 2021-22 and 2022-23 .

(Bidders will be required to support claims of their required experience , through self attested copies of certificates issued by any executive with approval of AGM rank officer, in case of PSUs or not below the rank of Manager in case of private TSPs. In case of **Private TSPs** , a copy of the work order and payment details for the work executed (In respect of experience claimed) shall also be furnished).

- |   |                                  |
|---|----------------------------------|
| <b>8. Tender forms can be downloaded from</b> | <b>: 17:00 hrs 20.03.2024</b>    |
| <b>9. Total Estimate cost for 2 Yrs</b>       | <b>: Rs.2,18,40,200/-</b>        |
| <b>10.Last Date/Time of Submission</b>        | <b>: 15.00 hrs of 04.04.2024</b> |
| <b>11.Last Date/Time of opening of Tender</b> | <b>: 15.00 hrs of 05.04.2024</b> |

**Asst.General Manager (MM)**  
**Mob: 94861 04380**  
**O/o the CGM, BSNL,**  
**Tamilnadu Circle**

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## **Section-II**

### **Instructions to bidders for online bidding**

The bidders are required to submit softcopies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://etenders.gov.in/eprocure/app>

#### **REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/nCode/eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID/Password and the password of the DSC /e-Token.

#### **SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

#### **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of

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the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

#### **SUBMISSION OF BIDS**

- 1) Bidder should login to the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD/Declaration as per Annexure XVI as per the instructions specified in the tender document. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected. 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of

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sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender. Contact no: 0462-2337800 /0462-2501100 from 10.00 hrs to 17.00 hrs. Mail Id: cmtvplg@bsnl.co.in
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

### **Helpdesk**

Further, User Organisation may also avail help at:

- 1) For any Technical Query/Clarification, send E-Mail to :cPPP-nic@nic.in
- 2) For any Policy/Functionality/Feature related query/clarification, send E-Mail to :cPPP- doe@nic.in
- 3) For Telephonic Help Support , call 24x7 Help Desk Number+9101204200462, +910120- 4001002, +910120-4001005.

### **Registration**

The Tender document can be downloaded from the website: (eprocure.gov.in/eprocure/app) and to be submitted in the e format. Amendments, if any, to the tender document will be notified in the above website as and when such amendments are notified. It is the responsibility of the bidders who have downloaded the tender document from the website to keep themselves a breast of such amendments before submitting the tender document.

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**SECTION-III**  
**INSTRUCTIONS TO THE**  
**BIDDERS**

**A. INTRODUCTION**

**1. DEFINITIONS:**

- a. **“The Purchaser”** means the Chief General Manager, Bharat Sanchar Nigam Ltd. (BSNL), Tamilnadu Business Area
- b. **“The Bidder”** means the individual or firm who participates in this tender and submits its bid.
- c. **“The Contractor”** means the individual or firm supplying the goods/services under the contract.
- d. **“The Goods”** means all the equipment, machinery, and/or other materials which the contractor is required to supply to the Purchaser under the contract.
- e. **“The Purchase Order”** means the order placed by the Purchaser on the Contractor signed by the Purchaser including all attachments and appendices thereto and all documents incorporated by reference therein. The purchase order shall be deemed as **“Contract”** appearing in the document.
- f. **“The Contract Price”** means the price payable to the Contractor under the purchase order for the full and proper performance of its contractual obligations.
- g. **“Telecom Service Provider”** means any Telecom operator in India, who is licensed by the Department of Telecommunications (DOT), Government of India to provide telecom services to the general public or to the other DOT licensed Telecom operators.

**2. ELIGIBLE BIDDER**

Kindly refer to Section-I NIT

**3. COST OF BIDDING**

The bidder shall bear all costs associated with the preparation and submission of the bid. The Purchaser will, in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

**B. THE BID DOCUMENTS**

**4. DOCUMENTS REQUIRED**

The goods and services required to be supplied, bidding procedures and contract terms and conditions are prescribed in the Bid documents. The contents of the bid documents are specified in the covering letter.

The Bidder is expected to examine all instructions, forms, terms and specifications in the Bid Documents. **Failure to furnish all information required as per the Bid Documents or submission of the bids not substantially responsive to the Bid Documents in every respect will be at the bidder’s risk and may result in rejection of the bid.**

**5. CLARIFICATION OF BID DOCUMENTS**

A prospective bidder, requiring any clarification on the Bid Documents shall notify the Purchaser in writing or by e-mail at the Purchaser’s mailing address indicated in the invitation of Bid. The Purchaser shall respond in writing/email to any request for the clarification of the Bid Documents, which it receives **not later than 7 days prior to the date of opening of the Tenders**. Copies of the query (without identifying the source) and clarifications by the Purchaser shall

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be sent to all the prospective bidders who have received the bid documents. Any clarification issued by BSNL in response to query raised by prospective bidders shall form an integral part of bid documents and it may amount to an amendment of relevant clauses of the bid documents.

The format in which the clarifications are to be sent via Email or Post is

S.No.	Section	Clause	Brief Description of the clause	Ref Page no. in bid	Comments of Bidder

## 6. AMENDMENT OF BID DOCUMENTS

At any time, prior to the date of submission of Bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify bid documents by amendments.

The amendments shall be notified in writing or by email to all prospective bidders on the address intimated at the time of purchase of the bid document from the purchaser and these amendments will be binding on them.

In order to afford prospective bidders a reasonable time (min 7 days) to take the amendment into account in preparing their bids, the purchaser may, at its discretion, extend the deadline for the submission of bids suitably.

## C. PREPARATION OF BIDS

### 7. DOCUMENTS COMPRISING THE BID

The bid prepared by the bidder shall comprise of the following documents

#### A. SELF ATTESTED COPIES OF:

- i. Attested copy of certificate of registration of the firm or registered partnership deed in case of partnership firms (LLP) or attested copy of certificate of incorporation in case of Ltd., company or MSME certificate in case of proprietary firms stating that the tenderer is the sole proprietor of the firm or other registration certificate under applicable acts.
- ii. Valid MSME registration certificate
- iii. Proof for Cost of Tender form as per NIT Page No. 1 if applicable
- iv. BID Security Declaration
- v. Labour License issued by the labour Enforcement office/Ministry of labour if available or declaration for submission of the same within one month from the date of award of work if applicable.
- vi. EPF Registration certificate or Form-5A(if applicable or declaration)
- vii. ESI Registration certificate(if applicable or declaration)
- viii. GST Registration Certificate or declaration as applicable
- ix. No Near relative certificate from each partner in case of partnership firm and from each director in case of Ltd Company.
- x. Letter of authorization
- xi. Bidder's profile
- xii. Experience certificate as per NIT in Section-I
- xiii. Solvency Certificate for Rs.10,00,000 from the banker of the tenderer
- xiv. Turn Over certificate as per NIT in Section-I
- xv. Self declaration stating that the bidder is not blacklisted by GST authorities.
- xvi. Self declaration that the bidder is not black-listed for Telecom business by any Central/State Governments/PSU's in India at the time of submission of the bid.
- xvii. PAN card and Latest IT Return for the last three financial year 2020-2021,

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- 2021-2022 and 2022-2023.
- xviii. BID form
  - xix. E-Payment mandate form
  - xx. All pages of the tender document to be signed by the bidder. (Not disclosing Financial bid)

The cost of tender document is neither refundable nor transferable.

All the mandatory / eligibility documents mentioned in the tender document should be scanned and uploaded in the e-tender portal and non-receipt of any of the mandatory documents is liable for rejection.

**8. BID FORM**

The bidder shall complete the bid form and appropriate Price Schedule furnished in the Bid Documents.

**9. BID PRICES**

The bidder shall give the total composite price (As a percentage w.r.t the base price) which shall be inclusive of packing, forwarding, freight and insurance etc, services and exclusive of GST. The offer shall be firm in Indian Rupees.

Rates sanctioned shall remain fixed during the period of contract and will not be increased at any cost due to increase in labour rates etc.

**10. BID Security (EMD)**

Bidder is to submit the declaration as per Annexure-XVI.

**11. PERIOD OF VALIDITY OF BIDS**

Bid shall remain valid for period of 150 days from the date of opening of bids prescribed by the purchaser. **A bid valid for a shorter period shall be rejected by the purchaser being non-responsive.**

In exceptional circumstances, the purchaser may request the consent of the bidder for an extension to the period of bid validity. The request and the response thereto shall be made in writing. A bidder accepting the request and granting extension will not be permitted to modify his bid.

**12. Format and Signing of BID**

The bidder shall submit this bid, online, complying all eligibility conditions, other terms and conditions of tender document to be read along with the clarifications and amendments issued in this respect. All the documents must be authenticated using Digital Signature by the authorized person.

The bid shall be digitally signed by the bidder or a person duly authorized to bind the bidder to the contract. The letter of authorization shall be accompanying the bid.

**D. SUBMISSION OF BIDS**

**13. SUBMISSION OF BIDS**

**Bids must be submitted Online by the bidder as per instructions in section II not later than the specified date & time indicated in the NIT**

Signature of the bidder

E-Tender document can be downloaded / uploaded from the E-Procurement CPP portal <https://etenders.gov.in/eprocure/app>. Tender documents may be available only for Viewing by using the link available in the website : [www.tamilnadu.bsnl.co.in](http://www.tamilnadu.bsnl.co.in). As tenders are invited through E-tendering process, physical copy of the tender document would not be available for sale. However, the bidders interested to participate in tender should register in the e-procurement portal.

The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the Bid Documents in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subjected to the deadline as extended.

Tenders received after the due date and time will not be considered.

#### **14. LATE BIDS**

No bid shall be accepted online by the e-Tendering platform after the specified deadline for submission of bids prescribed by the purchaser.

#### **15. MODIFICATION AND WITHDRAWAL OF BIDS**

The bidder may modify, revise or withdraw his bid after submission prior to the deadline prescribed for submission of bid.

The bidder's modification, revision or withdrawal shall have to be online and digitally authenticated.

Subject to the above, no bid shall be allowed for modification subsequent to the deadline for submission of bids.

### **E. BID OPENING AND EVALUATION**

#### **16. OPENING OF BIDS BY PURCHASER**

The purchaser shall open bids online in the presence of bidders or their authorized representatives who chose to attend, at time specified in Section-I - Notice Inviting Tender on due date. The bidder's representatives, who are present, shall sign in an attendance register. Authority letter to this effect shall be submitted by the bidders before they are allowed to participate in bid opening (A Format is given in Annexure VII).

A maximum of two representatives of any bidder shall be authorized and permitted to attend the bid opening.

The bidder's names, bid prices, modifications, bid withdrawals and such other details as the purchaser, at its discretion, may consider appropriate will be announced at the time of opening.

The date fixed for opening of bids, if subsequently declared as holiday by the BSNL, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working day, time and venue remaining unaltered.

#### **17. CLARIFICATION OF BIDS**

To assist in the examination, evaluation and comparison of bids, the purchaser may, at its discretion ask the bidder for the clarification of its bid. The request for the clarification and the response shall be in writing.

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**However, no post bid clarification at the initiative of the bidder shall be entertained.**

**18. PRELIMINARY EVALUATION**

Purchaser shall evaluate the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order.

Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail. **If the supplier does not accept the correction of the errors, his bid shall be rejected.**

Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each bid to the Bid Document. For purposes of these clauses, a substantially responsive bid is one which confirms to all the terms and conditions of the Bid Documents without material deviations. The purchaser's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.

A bid, determined as substantially non-responsive will be rejected by the purchaser and shall not subsequent to the bid opening be made responsive by the bidder by correction of then on-conformity.

The Purchaser may waive any minor infirmity or non-conformity or irregularity in a bid which doesn't constitute a material deviation, provided such waiver doesn't prejudice or affect the relative ranking of any bidder.

**19. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS**

The Purchaser shall evaluate (Lowest price quoted bidder OA wise) in detail and compare those bids previously determined to be substantially responsive.

The lowest L1 bidder shall be determined (OA wise – One L1 bidder for Tirunelveli OA and one L1 bidder for Tuticorin OA) based on the lowest percentage variation w.r.t the base rate quoted for Package-A and Package-B as mentioned in Annexure-IV.

The rates for each item is excluding GST.

The rates shall be quoted as a percentage variation w.r.t. the base price per unit.

The base rates for every item of work have been given in Annexure-IV of this document.

The bidder may quote the percentage variation (%) w.r.t the base price for each Part of the tender.

For evaluation purpose, the following weightage has been given for each part of the tender.

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Package	weightage
Package-A	80%
Package-B	20%

Accordingly the final percentage shall be arrived as follows:

W = Final weighted percentage

A = Quoted % for Package-A

B = Quoted % for Package-B

$W = 0.8*A + 0.2*B$

The bidder getting the lowest weighted percentage will be treated as the lowest bidder. BSNL has the right to call the Lowest bidder and conduct negotiations if felt necessary.

**20. CONTACTING THE PURCHASER**

No bidder shall try to influence the Purchaser on any matter relating to its bid, from the time of the bid opening till the time the contract is awarded.

Any effort by a bidder to modify his bid or influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decision shall result in the rejection of the bid.

**AWARD OF CONTRACT**

**21. PLACEMENT OF ORDER**

The Purchaser shall consider placement of orders for commercial supplies only on those eligible bidders whose offers have been found technically, commercially and financially acceptable and whose goods have been type approved/validated by the purchaser. The Purchaser reserves the right to counter offer price(s) against price(s) quoted by any bidder.

**22. PURCHASER'S RIGHT TO VARY QUANTITIES**

Purchaser reserves the right at the time of award of contract to increase or decrease up to 25% of the required quantity of materials/services specified in the schedule of requirements without any change in hiring charges of the offered quantity of other terms and conditions.

The tender is for a period of Two Years. The purchaser reserves the right to extend the tender for one more year.

In exceptional situations where the purchaser is unable to finalize the tender for the subsequent period, the purchaser reserves the right to extend the tender till the finalization of the new tender.

**23. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

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**24. ISSUE OF LETTER OF ACCEPTANCE**

The issue of a letter of acceptance shall constitute the intention of the purchaser to enter into contract with the bidder.

The bidder shall within 15 days of issue of the letter of acceptance, give his acceptance along with performance security in conformity with Proforma enclosed in Annexure VI provided with the bid document.

**25. SIGNING OF CONTRACT**

The issue of purchase order shall constitute the award of contract on the bidder.

**26. ANNULMENT OF AWARD**

Failure of the successful bidder to comply with the requirement of signing of contract shall constitute sufficient ground for the annulment of the award and the black listing for one year in which event the Purchaser may make the award to any other bidder at the discretion of the purchaser or call for new bids.

**27. OUT RIGHT REJECTION OF BIDS**

While all the conditions specified in the Bid documents are critical and are to be complied, special attention of bidder is invited to the following clauses of the bid documents. Non-compliance to any one of these shall result in outright rejection of the bid.

- 27.1 If the eligibility condition as per Section I – NIT are not met and/or documents prescribed to establish the eligibility are not enclosed, the bids will be rejected without further evaluation.
- 27.2 Prices are not filled in as prescribed in price schedule.
- 27.3 Before outright rejection of the Bid by Bid-opening team for non-compliance of any of the provisions, the bidder company is given opportunity to explain their position, however if the person representing the company is not satisfied with the decision of the Bid opening team, he/they can submit the representation to the Bid opening team immediately but in no case after closing of the tender process with full justification quoting specifically the violation of tender condition if any.
- 27.4 Bid opening team will not return the bids submitted by the bidders on the date of tender opening even if it is liable for rejection and will preserve the bids in sealed cover as submitted by taking the signatures of some of the desirous representatives of the participating bidder/companies present on the occasion.
- 27.5 The in-charge of Bid opening team will mention the number of bids with the name of the company found unsuitable for further processing on the date of tender opening and number of representations received in Bid opening Minutes and if Bid opening team is satisfied with the argument of the bidder/company mentioned in their representation and feel that there is prima-facie fact for consideration, the in-charge of the bid opening team will submit the case for review to competent authority as early as possible preferably on next working day and decision to this effect should be communicated to the bidder company within a week positively. Bids found liable for rejection and kept preserved on the date of tender opening will be returned to the bidders after issue of P.O. against the instant tender.

Signature of the bidder

27.6 If the reviewing officer finds it fit to open the bid of the petitioner, this should be done by giving three (working) days notice to all the participating bidders to give opportunity to desirous participants to be present on the occasion.

**28. DISQUALIFY / BLACK LISTING OF VENDOR**

Purchaser reserves the right to blacklist a bidder for a suitable period in case he fails to honor his bid without sufficient grounds.

**29. NO NEAR RELATIVES CERTIFICATE**

The bidder should give a certificate that none of his/her near relative as defined below is working in the units where he is going to apply for the tender.

29.1 In case of proprietorship, firm certificate will be given by the proprietor. For partnership, firm certificate will be given by all the partners. In case of limited company by all the Directors of the company excluding Government of India/Financial institution nominees and independent non-Official part time Directors appointed by Govt. of India or the Governor of the state and full time Directors of PSUs both state and central.

29.2 Due to any breach of these conditions by the company or firm or any other person the tender will be cancelled at any stage whenever it is noticed and BSNL will not pay any damage to the company or firm or the concerned person.

29.3 The company or firm or the person will also be debarred for further participation in the concerned unit.

29.4 The near relatives for this purpose are defined as:-

(a) Members of a Hindu undivided family.

(b) They are husband and wife.

(c) The one is related to the other in the manner as father, mother, son(s) & Son's wife (daughter in law), Daughter(s) and daughter's husband (son in law), brother(s) and brother's wife, sister(s) and sister's husband (brother in law).

Please refer to the Performa enclosed in Annexure-II.

**30. VERIFICATION OF DOCUMENTS AND CERTIFICATES**

"The bidder will verify the genuineness and correctness of all documents and certificates, including experience/performance certificates, issued either by the bidder or any other firm/associate before submitting the bid. The onus of proving genuineness of the submitted documents would rest with the bidder.

As per requirement of the tender's conditions, if any document / paper /certificate submitted by the participant bidder is found to be false/fabricated/tempered

/manipulated at any stage during bid evaluation or award of contract, then the bidder would be disqualified from the tender. Action would also be taken for banning of business dealing with the defaulting firm. In case contract has already awarded to the bidder, then PBG would be forfeited and the contract would be rescind/annulled and BSNL would be at liberty to procure the ordered goods and services from any other source at the risk and cost of the defaulting bidder. Action would also be taken for banning business dealing with the defaulting firm.

To obviate any possibility of doubt and dispute and maintain veracity of the documents/papers/certificates, the documents conform in to eligibility part will be submitted by the participant bidder duly authenticated digitally by the

Signature of the bidder

authorized signatory along with Bid Declaration as per Annexure XVI and will be checked at the time of tender opening. The documents/papers to be submitted in respective bid part will be explicitly mentioned in Annexure-X. This bid part (already digitally signed by the authorized representative of the bidder company during bid submission) will be digitally signed by the in-charge of the tender opening team and will be kept preserved along with the bid submitted online. In case of any dispute these papers will be treated as authentic one”.



**SECTION IV**  
**GENERAL CONDITIONS OF THE CONTRACT**

**1. APPLICATION**

The general condition shall apply in contracts made by the purchaser for the procurement of goods.

**2. PERFORMANCE SECURITY DEPOSIT**

- 2.1. The successful bidder shall deposit an amount equal to 5% of the value of Purchase order towards Security Deposit at the time of signing of the contract within **15 days** from the date of issue of acceptance letter by the Purchaser. The SD shall be payable by crossed DD drawn in favour of Accounts Officer (Cash), O/o.CGM, BSNL, Tamilnadu Circle. Obtained from Nationalized /Scheduled Bank.
- 2.2. The security deposit can also be given in the form of Bank Guarantee for a period of 36 (Thirty Six) months, obtained from a Nationalized Bank in favour of Accounts Officer (Cash), O/o CGM, BSNL, Tamilnadu Circle.
- 2.3. The Security Deposit will not carry any interest during the period they are in the custody of BSNL.
- 2.4. If the successful bidder fails to deposit the Security Deposit within 15 days, his Tender will automatically be treated as lapsed and action taken as per bid security Declaration Annexure XVI. No separate notification will be given to the bidder in this regard.
- 2.5. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract.
- 2.6. The Security Deposit of the successful bidder will be forfeited by the BSNL if after acceptance of the tender the bidder violates or fails to carry out the job in accordance with the terms and conditions of the tender.
- 2.7. The security deposit shall be refundable after payment of final bill provided there are no recoveries to be made and satisfactory performance of work and strict compliance of statutory Act/Regulations, during the contract period.

## **SCOPE OF WORK**

### **1. SCOPE OF WORK FOR PACKAGE-A**

- 1.1 The primary focus is to avoid the occurrence of OFC cuts with intensive patrolling and Surveillance along the OFC routes
- 1.2 Excavating trenches to a depth of 165cm in all types of soils/Tar surfaces/Concrete surfaces, ramming of bottoms, and then reinstating the soil immediately as required and concreting the surfaces wherever necessary.
- 1.3 Laying of PLB Pipes, placing, adjusting and jointing length suitable couplers providing and drawing nylon ropes if needed for pulling OF Cable inside PLB pipes
- 1.4 Laying and Fixing of GI/DWC Pipes on inside/ outside the bridges and culverts with PLB pipes wherever necessary.
- 1.5 Planting Route Indicators Concreting (1:2:4) painting and sign writing if necessary.
- 1.6 Providing & laying CC 1:2:4 (1 cement, 2 sand, stone aggregate 20mm normal size) for encasing GI/DWC pipes in road bridges, crossings, culverts and rocky surfaces.
- 1.7 Road/Railway crossing through Horizontal boring method and inserting GI /DWC Pipes and pushing PLB inside.
- 1.8 Pulling of OFC cables through the old existing/new PLB pipes making use of the Nylon rope already available inside the pipes or pulling by blowing method.
- 1.9 Excavation and reinstating of old existing Joint pits/new joint pits/Cable or joint tracing test pits provided as per detailed specification suitable for making joints and reinstating after completion.
- 1.10 Opening of Chamber/Man hole covers, dewatering of chambers, taking out the OF Cable coils and jointing kits , closing the man holes after placing the kit back after splicing with full protection and neatly closing the man hole.
- 1.11 Maintenance of Chambers/Man holes/Man hole top covers/Cement slabs if damaged, taking out the OF Cable coils and jointing kits, reconstructing the man holes and placing the coils, kit back with full protection and neatly closing the man hole.
- 1.12 OF Cable Splicing preliminary works such as Cleaning, cleaving and numbering, if needed, for OF Cables and making ready for Splicing of 4F/6F/12F/24F/48F/96F.
- 1.13 OFC Cable Splicing and Termination inside the boxes and routing the Fibers to FDF. 4F/6F/12F/24F/48F/96F including ribbon type as per standard
- 1.14 Splicing should be done with ribbon type splicing machine for R
- 1.15 Fixing/Removal of OFC Cable Termination boxes.
- 1.16 Patch Cords recovery/replacement in BSNL standards with sufficient support / hose etc to safeguard from external agency, Rat bite etc in on station sites and also for remote sites which are more than 5 km away.
- 1.17 Testing of Spare Fibers between the Stations.
- 1.18 Installation/dismantling of ADM/MADM/STM/CPAN/MNGPAN systems.
- 1.19 Installation/dismantling of FDF/DDF/IDF systems.
- 1.20 Installation/recovery/replacement of CPE- A/B/C NODE/MODEM/Converter systems in on station sites and also for remote sites which are more than 5 km away.
- 1.21 Wiring of E1 Stream cable as per the standards of BSNL.
- 1.22 Fixing of Termination boxes / Splitter boxes at the sub offices and other locations.

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- 1.23 Leading of OF Cables through green flexible hose 1” or 2” dia as per the standard.
- 1.24 Laying of 50mm PVC pipes by clamping on the wall for pulling cable drop fiber / low count fibers.
- 1.25 Lowering of OFC cable down and then restoring back to original condition in the alignment during fault Clearance in OH alignment.
- 1.26 Testing of Modem / Power adapter status at Sub Offices during the fault occurrences.
- 1.27 Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD, TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage day and night.
- 1.28 Laying and Maintenance of aerial laid OFC cables
- 1.29 A line diagram should be prepared to mark the poles & the actual distance between the poles in a splice section (Normally 25 poles per km is recommended). Additional poles should be erected if required to avoid sagging of OF cable.
- 1.30 The contractor shall be responsible for loading/unloading and transporting the materials, to be supplied by the BSNL from District Telecom store to the work site at his own cost. The BSNL shall not pay any transportation charges to the contractor.
- 1.31 The unused material (Supplied by the BSNL) available at site, shall be transported back by the BSNL to the Telecom Store at the risk and cost of the contractor. If any such material is found damaged/lost then the penalty shall also be recovered from the contractor as per conditions in tender documents/bid.
- 1.32 The contractor shall be responsible for the transportation of store, storage and safe custody of all material supplied to him by the BSNL, which is in the contractor’s custody whether, or not installed in the work. The contractor shall satisfy himself regularly about the quantity and quality of the materials supplied to him and he will be responsible for any subsequent deterioration and discrepancy (inclusive of theft) in the quantity/ quality of the materials.
- 1.33 The contractor shall also supply the requisite number of workmen with means & materials as well as tools, appliances, machines, implements, vehicles for transportation, cartage etc. required for the proper execution of work within the time prescribed in the work orders.
- 1.34 The contractor should supply sufficient manpower for carrying out Patrolling duty in the OFC route as ordered by the Officer In Charge, failing which and if any cable damage occurs in that route, it has to be attended by the contractor without claiming any charges including the material cost for restoration of that route.
- 1.35 Transportation of all materials issued by BSNL from stores including cable drums, joint rings and handling of the same (including loading, unloading, handling and local distribution).
- 1.36 PLB pipes will be supplied by BSNL in coils of varying lengths from 200 meter onwards. Spools should be de-coiled using jack mechanism and bends removed by proper forming so that the pipes are straight. This will be part of contractor’s works and no extra payment will be paid.
- 1.37 All the Testing equipments like OTDR, Power Meter, Splicing Machine, Optical Fiber Tool Kit, Rodometer, Light Source and any other tools required for carrying out the work is to be provided by the Contractor.

## **2. SCOPE OF WORK FOR PACKAGE-B**

- 2.1 Supply of the following materials based on the actual requirement for maintenance activities:

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- a) Supplying of 2" dia. GI Pipes including cost of clamps, nails etc
  - b) Supplying of 3" dia. GI Pipes including cost of clamps, nails etc
  - c) Supplying of DWC Pipes 75/61 including cost of accessories like clamps, nails etc
  - d) Supplying of DWC Pipes 120/103 including cost of accessories like clamps, nails etc
  - e) Supplying of 1" dia PVC pipes including cost of clamps, nails etc
  - f) Supplying of 2" dia PVC pipes including cost of clamps, nails etc
  - g) Supplying of 1" dia green flexible hose including cost of accessories
  - h) Supplying of 2" dia green flexible hose including cost of accessories
  - i) Supply of Route Indicators Painted and Sign written as per the specifications of BSNL
  - j) Supply of 1200mm dia RCC precast Cylindrical ring Chamber for manhole pits as per the specifications of BSNL.
  - k) Supply of OF Cable joint closures for maintenance work for 4F/6F/12F cables with necessary accessories
  - l) Supply of Termination boxes suitable for fixing at the sub offices with necessary accessories
  - m) Supply of various types of Patch Cords as per requirement
  - n) Supply of SFP/Media Converter per requirement
- 2.2 Material used/provided by the outsourced agency for maintenance and provisioning shall become the property of BSNL

### 2.3 **QUALITY OF WORK**

- a. The contractor is liable to execute the work orders issued against any of the work specified in the rate list as per the standard.
- b. The tenderer should execute the whole and every part of the work in the most substantial manner both as regards to materials and service in every respect in strict accordance with the scope of work.
- c. In the event of any failure to comply with any of the clause of this tender notice or the agreement, the tender is liable to be cancelled and the Security Deposit is liable to be forfeited.
- d. If the service of the tenderer is not satisfactory, BSNL has the right to terminate the tender by giving 15 days notice.
- e. The materials utilised should be of good quality as per the specifications. The tenderer shall warrant that the materials to be supplied shall be new, free from defects and workmanship.
- f. The contractor shall not engage any employee of BSNL for any repair work.
- g. Once the fault location is identified by BSNL officers, as the case may be, the contractor has to start the restoration work immediately in coordination with BSNL officers. The contractor has to identify the PLB pipe and faulty OF cable with the help of the offset diagram/pipe & cable tracing mechanism available with BSNL. It is the responsibility of the contractor to make the OF cable ready for splicing by trenching, back pulling of existing cable and laying PLB pipes if required. The contractor should be ready to do the splicing work as per the rates specified in the tender document if the work order issuing authority includes this also in the work order. After splicing work and checking the continuity by OTDR by BSNL officer, the contractor should keep the jointing kit safely back in the Manhole and close the man hole then and there. If the splicing work is entrusted to the contractor, after getting the concurrence from BSNL officer only he should close the man hole. In this case the individual splice loss at any circumferences should not be more than 0.1db. If in such cases, the fault is repeated in six months time in the same cable and in the same joint, the contractor has to

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rectify the fault free of cost.

- h. Patroller should take photo with Lat/Long and date, time and send it to Concerned JTO / SDE

### 3. FIXED RATES OF VARIOUS ITEMS OF THE TENDER

- 3.1 The rates for each work exclude GST.  
 3.2 The rates shall be quoted as a percentage variation w.r.t. the base price per unit.  
 3.3 The rates for different items of work for **Package-A** shall be as follows:  
**For Tirunelveli OA**

No	Nature of work	Unit	Rate
1	Excavating trenches to a depth of <b>165cm</b> in all types of soils, ramming of bottoms, including getting out the excavated soil, and then reinstating the soil immediately as required including consolidating each deposited layer by ramming, watering etc and disposing of surplus excavated soil as directed <b>(Rate Per Running Metre)</b>	Per Metre	136
2	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	169
3	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches with cement concrete after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	212
4	Laying of PLB Pipes (40mm/50mm dia), placing, adjusting and jointing length suitable couplers providing and drawing nylon ropes if needed for pulling OF Cable inside PLB pipes (the rate quoted should be same whether the pipe used is HDPE or PLB) <b>(Rate Per Running Metre)</b>	Per Metre	12
5	Laying and Fixing of GI/DWC Pipes on <b>inside/outside</b> the bridges and culverts with PLB pipe inside including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	15
6	Planting Route Joint Indicators and base concreting (1:2:4) <b>(Rate Per unit)</b>	Per unit	120
7	Providing & laying CC 1:2:4 (cement: sand: stone) aggregate 20mm normal size for encasing GI/DWC pipes in road bridges, crossings, culverts and rocky surfaces. <b>(Rate per running metre)</b>	Per Cubic Metre	2000
8	Road/Railway crossing through Horizontal boring method and inserting GI /DWC Pipes and placing PLB inside the hole <b>(Rate Per Running Metre)</b>	Per Meter	650
9	Pulling of OF cables through the existing PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15

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10	Pulling of OF cables through new PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15
11	Joint Manhole pits for OF jointing: Excavation and reinstating of existing Joint pits provided as per detailed specification suitable for making joints and reinstating after completion. <b>(Rate Per pit)</b>	Per Pit	1850
12	Digging Joint manhole / Test pits for the purpose like tracing of OFC, attending maintenance cable fault etc. <b>(Rate Per pit)</b>	Per pit	800
13	Opening of Chamber/Man hole covers, dewatering of chambers, taking out the OF Cable coils and jointing kits, closing the man holes after placing the kit back after splicing with full protection and neatly closing the man hole. <b>(Rate Per unit)</b>	Per unit	600
14	Maintenance of Chambers/Man holes if damaged, taking out the OF Cable coils and jointing kits, reconstructing the man holes and placing the coils, kit back with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	2500
15	Maintenance of Chamber/Man holes top covers per slab if damaged, reconstructing the man holes covers including supply of materials concreting and placing the covers, with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	950
16	OF Cable Splicing preliminary works Cleaning, cleaving and numbering, if needed, of OF Cables and Splicing of make ready for Splicing 4F/6F <b>(Rate Per joint)</b>	per joint	200
17	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 12F per joint <b>(Rate Per joint)</b>	per joint	250
18	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 24F per joint <b>(Rate Per joint)</b>	per joint	300
19	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 48F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	500
20	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 96F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	800
21	Splicing OF Cables 4F/6F/12F/24F/48F/96F per joint <b>(Rate Per Splicing)</b>	per splicing	80
22	Splicing OF Cables 24F/48F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	1500

23	Splicing OF Cables 96F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	2200
24	OFC Cable Splicing (Pigtail) and Termination inside the boxes and routing the Fibres to FDF. 4F/6F/12F/24F/48F/96F as per standard. <b>(Rate Per Fibre)</b>	per unit	49
25	Fixing of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	250
26	Removal of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	150
27	Recovery of Patch cords <b>(Rate Per fibre)</b>	per unit	50
28	Patch Cords erection in proper standards with sufficient support / hose etc to safeguards from external agency, Rat bite etc. <b>(Rate Per fibre)</b>	per unit	75
29	Patch Cords replacement in BSNL standards , checking of Optical power etc with sufficient support / hose etc to safeguard from external agency, Rat bite etc for remote sites which are more than 5 km away. <b>(Rate Per unit)</b>	per unit	250
30	Testing of Spare Fibres between the Stations. <b>(Rate Per fibre)</b>	per unit	150
31	Installation of ADM/MADM/STM/CPAN/MNGPAN /MAAN systems <b>(Rate Per unit)</b>	per unit	1000
32	Dismantling of ADM/MADM/STM/CPAN/MNGPAN/MAAN systems <b>(Rate Per unit)</b>	per unit	500
33	Installation of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	300
34	Dismantling of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	150
35	Installation of DDF Bay, Fixing Modules and Wiring <b>(Rate Per unit)</b>	per unit	336
36	Dismantling of DDF Bay, Removing Modules etc. <b>(Rate Per unit)</b>	per unit	280
37	Installation of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	250
38	Dismantling of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	125
39	Termination of CT Boxes <b>(Rate Per unit)</b>	per unit	120
40	Installation of CPE- A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	450
41	Dismantling of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	240
42	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	175
43	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems at remote sites which are more than 5 km away <b>(Rate Per unit)</b>	per unit	275
44	Wiring of E1 Stream cable per unit <b>(Rate Per unit)</b>	per	100

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		unit	
45	Testing the E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	50
46	Dismantling / Recovery and erection of unused posts of any type and transporting to the site/store (cost includes transportation loading and unloading charges also <b>(Rate Per post)</b> )	per unit	600
47	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) with stay wire <b>(Rate Per Running Metre)</b>	per metre	18
48	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	12
49	OF Cable overhead pulling for maintenance work 12F/24F/48F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	24
50	OF Cable recovery from overhead through the any type of posts inclusive of loading, unloading and transportation. <b>(Rate Per Running Metre)</b>	per metre	9
51	Fixing of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	200
52	Fixing of splitter boxes/ spare fibre boxes /ONT/ UPS <b>(Rate Per unit)</b>	per unit	200
53	Leading of OF Cables through green flexible hose <b>(Rate Per Running Metre)</b>	per unit	15
54	Laying of 50mm PVC pipes by clamping on the wall for pulling cable drop fiber / low count fibers <b>(Rate Per metre)</b>	per unit	50
55	Lowering of OF cable down and then restoring back to original condition in the alignment during fault Clearance in OH alignment <b>(Rate Per unit)</b>	per unit	300
56	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per day. <b>(Rate Per day)</b>	per day	600
57	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per Night. <b>(Rate Per night)</b>	per night	725
58	Testing / replacing of Modem/SFP / Power adapter / attenuators / Converter status at Sub Offices during the fault occurrences.	per unit	100

**For Tuticorin OA :**

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No	Nature of work	Unit	Rate
1	Excavating trenches to a depth of <b>165cm</b> in all types of soils, ramming of bottoms, including getting out the excavated soil, and then reinstating the soil immediately as required including consolidating each deposited layer by ramming, watering etc and disposing of surplus excavated soil as directed <b>(Rate Per Running Metre)</b>	Per Metre	136
2	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	169
3	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches with cement concrete after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	212
4	Laying of PLB Pipes (40mm/50mm dia), placing, adjusting and jointing length suitable couplers providing and drawing nylon ropes if needed for pulling OF Cable inside PLB pipes (the rate quoted should be same whether the pipe used is HDPE or PLB) <b>(Rate Per Running Metre)</b>	Per Metre	12
5	Laying and Fixing of GI/DWC Pipes on <b>inside/outside</b> the bridges and culverts with PLB pipe inside including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	15
6	Planting Route Joint Indicators and base concreting (1:2:4) <b>(Rate Per unit)</b>	Per unit	120
7	Providing & laying CC 1:2:4 (cement: sand: stone) aggregate 20mm normal size for encasing GI/DWC pipes in road bridges, crossings, culverts and rocky surfaces. <b>(Rate per running metre)</b>	Per Cubic Metre	2000
8	Road/Railway crossing through Horizontal boring method and inserting GI /DWC Pipes and placing PLB inside the hole <b>(Rate Per Running Metre)</b>	Per Meter	650
9	Pulling of OF cables through the existing PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15
10	Pulling of OF cables through new PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15
11	Joint Manhole pits for OF jointing: Excavation and reinstating of existing Joint pits provided as per detailed specification suitable for making joints and reinstating after completion. <b>(Rate Per pit)</b>	Per Pit	1850
12	Digging Joint manhole / Test pits for the purpose like tracing of OFC, attending maintenance cable fault etc. <b>(Rate Per pit)</b>	Per pit	800

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13	Opening of Chamber/Man hole covers, dewatering of chambers, taking out the OF Cable coils and jointing kits, closing the man holes after placing the kit back after splicing with full protection and neatly closing the man hole. <b>(Rate Per unit)</b>	Per unit	600
14	Maintenance of Chambers/Man holes if damaged, taking out the OF Cable coils and jointing kits, reconstructing the man holes and placing the coils, kit back with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	2500
15	Maintenance of Chamber/Man holes top covers per slab if damaged, reconstructing the man holes covers including supply of materials concreting and placing the covers, with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	950
16	OF Cable Splicing preliminary works Cleaning, cleaving and numbering, if needed, of OF Cables and Splicing of make ready for Splicing 4F/6F <b>(Rate Per joint)</b>	per joint	200
17	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 12F per joint <b>(Rate Per joint)</b>	per joint	250
18	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 24F per joint <b>(Rate Per joint)</b>	per joint	300
19	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 48F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	500
20	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 96F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	800
21	Splicing OF Cables 4F/6F/12F/24F/48F/96F per joint <b>(Rate Per Splicing)</b>	per splicing	80
22	Splicing OF Cables 24F/48F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	1500
23	Splicing OF Cables 96F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	2200
24	OFC Cable Splicing (Pigtail) and Termination inside the boxes and routing the Fibres to FDF. 4F/6F/12F/24F/48F/96F as per standard. <b>(Rate Per Fibre)</b>	per unit	49
25	Fixing of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	250
26	Removal of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	150
27	Recovery of Patch cords <b>(Rate Per fibre)</b>	per unit	50

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28	Patch Cords erection in proper standards with sufficient support / hose etc to safeguards from external agency, Rat bite etc. <b>(Rate Per fibre)</b>	per unit	75
29	Patch Cords replacement in BSNL standards , checking of Optical power etc with sufficient support / hose etc to safeguard from external agency, Rat bite etc for remote sites which are more than 5 km away. <b>(Rate Per unit)</b>	per unit	250
30	Testing of Spare Fibres between the Stations. <b>(Rate Per fibre)</b>	per unit	150
31	Installation of ADM/MADM/STM/CPAN/MNGPAN /MAAN systems <b>(Rate Per unit)</b>	per unit	1000
32	Dismantling of ADM/MADM/STM/CPAN/MNGPAN/MAAN systems <b>(Rate Per unit)</b>	per unit	500
33	Installation of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	300
34	Dismantling of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	150
35	Installation of DDF Bay, Fixing Modules and Wiring <b>(Rate Per unit)</b>	per unit	336
36	Dismantling of DDF Bay, Removing Modules etc. <b>(Rate Per unit)</b>	per unit	280
37	Installation of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	250
38	Dismantling of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	125
39	Termination of CT Boxes <b>(Rate Per unit)</b>	per unit	120
40	Installation of CPE- A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	450
41	Dismantling of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	240
42	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	175
43	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems at remote sites which are more than 5 km away <b>(Rate Per unit)</b>	per unit	275
44	Wiring of E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	100
45	Testing the E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	50
46	Dismantling / Recovery and erection of unused posts of any type and transporting to the site/store (cost includes transportation loading and unloading charges also <b>(Rate Per post)</b>	per unit	600
47	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) with stay wire <b>(Rate Per Running Metre)</b>	per metre	18

48	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	12
49	OF Cable overhead pulling for maintenance work 12F/24F/48F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	24
50	OF Cable recovery from overhead through the any type of posts inclusive of loading, unloading and transportation. <b>(Rate Per Running Metre)</b>	per metre	9
51	Fixing of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	200
52	Fixing of splitter boxes/ spare fibre boxes /ONT/ UPS <b>(Rate Per unit)</b>	per unit	200
53	Leading of OF Cables through green flexible hose <b>(Rate Per Running Metre)</b>	per unit	15
54	Laying of 50mm PVC pipes by clamping on the wall for pulling cable drop fiber / low count fibers <b>(Rate Per metre)</b>	per unit	50
55	Lowering of OF cable down and then restoring back to original condition in the alignment during fault Clearance in OH alignment <b>(Rate Per unit)</b>	per unit	300
56	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per day. <b>(Rate Per day)</b>	per day	600
57	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per Night. <b>(Rate Per night)</b>	per night	725
58	Testing / replacing of Modem/SFP / Power adapter / attenuators /Converter status at Sub Offices during the fault occurrences.	per unit	100

3.4 The rates for different items may have to be supplied w.r.t the base price for

**Package-B** shall be as follows:

**For Tirunelveli OA**

No	Nature of work	Unit	Basic Rate
1	Supplying of 2" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	400

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2	Supplying of 3" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	650
3	Supplying of DWC Pipes 75/61 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	90
4	Supplying of DWC Pipes 120/103 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	155
5	Supplying of 1" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	55
6	Supplying of 2" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	120
7	Supply of Route Indicators Painting and Sign writing as per specifications of BSNL. <b>(Rate Per unit)</b>	Per unit	620
8	Supply and Provision of 1" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	90
9	Supply and Provision of 1" dia green flexible hose (steel) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	60
10	Supply and Provision of 2" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	140
11	Supply of 1200 mm dia RCC precast Circular ring chamfer for manhole pits as per the specifications of BSNL	per unit	4800
12	Supply of OF Cable joint closures for maintenance work for 4F/6F/12F cables with necessary accessories <b>(Rate Per unit)</b>	per metre	700
13	Supply of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	90
14	Supply of Galvanised clamps (Rate per kg)	Per kg	110
15	Supply of weld wire mesh, 50 mmX100mm, 12SWG(Rate Per Sqm)	Per Sq m	150
16	Multi Mode Duplex Fiber Patch Cord,	Per No	250
17	LC-FC Patch Cord	Per No	60
18	LC-LC Patch Cord	Per No	320
19	FC-FC Patch Cord	Per No	75
20	LC-SC Patch Cord	Per No	140
21	SC-SC Patch Cord	Per No	150
22	Single fibre SFP- 40KM-1Ge	Per	2500

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		No	
23	Single fibre SFP- 80KM-1Ge	Per No	3500
24	Supply of single fiber GE Media Convertor	Per No	2400

**For Tuticorin OA**

No	Nature of work	Unit	Basic Rate
1	Supplying of 2" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	400
2	Supplying of 3" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	650
3	Supplying of DWC Pipes 75/61 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	90
4	Supplying of DWC Pipes 120/103 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	155
5	Supplying of 1" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	55
6	Supplying of 2" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	120
7	Supply of Route Indicators Painting and Sign writing as per specifications of BSNL. <b>(Rate Per unit)</b>	Per unit	620
8	Supply and Provision of 1" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	90
9	Supply and Provision of 1" dia green flexible hose (steel) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	60
10	Supply and Provision of 2" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	140
11	Supply of 1200 mm dia RCC precast Circular ring chamber for manhole pits as per the specifications of BSNL	per unit	4800
12	Supply of OF Cable joint closures for maintenance work for 4F/6F/12F cables with necessary accessories <b>(Rate Per unit)</b>	per metre	700
13	Supply of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	90
14	Supply of Galvanised clamps (Rate per kg)	Per kg	110

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15	Supply of weld wire mesh, 50 mmX100mm, 12SWG(Rate Per Sqm)	Per Sq m	150
16	Multi Mode Duplex Fiber Patch Cord,	Per No	250
17	LC-FC Patch Cord	Per No	60
18	LC-LC Patch Cord	Per No	320
19	FC-FC Patch Cord	Per No	75
20	LC-SC Patch Cord	Per No	140
21	SC-SC Patch Cord	Per No	150
22	Single fibre SFP- 40KM-1Ge	Per No	2500
23	Single fibre SFP- 80KM-1Ge	Per No	3500
24	Supply of single fiber GE Media Convertor	Per No	2400

**4. Bill Calculation:**

4.1 The Package –A charges shall be paid **for the OA per month** based on the total quantum of work carried out during the course of the month.

Package B – as per the supply of material for the month if any

4.2 **Invoice Proforma for Maintenance charges (Package-A)**

Sl No	Work Order No & Date	Details of Works	Qty	Rate in Rs.	Amount in Rs
1					
2					
3					
	Total				

4.3 **Invoice Proforma for supplying of Materials (Package-B)**

Sl no	Work Order No	Description of materials supplied	Qty	Rate in Rs.	Amount in Rs
1					
2					
3					
	Total				

4.4 Transmission Systems and Optical Fiber cable network is the backbone of BSNL network and hence these cables and systems are to be maintained with best SLA. The systems are to be restored within the shortest possible time. Based on the previous experience of the Transmission maintenance team of Tirunelveli/Tuticorin, It is felt that the following minimum workers are always required to be provided at below mentioned stations in Tirunelveli BA as detailed below:

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Sl.No	SDCAs of Tirunelveli OA	Minimum Workers Reqd	RKM
1	Tirunelveli (TVL & PLC)	3	393
2	Tenkasi	3	282
3	Sankarankoil	2	330
4	Ambasamudram	2	112
5	Vallioor	1	225
6	Nanguneri	1	140
	<b>Total</b>	<b>12</b>	<b>1,482</b>

Sl.No	SDCAs of Tuticorin OA	Minimum Workers Reqd	RKM
1	Tuticorin	4	427
2	Srivaikundam	1	112
3	Kovilpatti	2	280
4	Villathikulam	1	91
5	Tiruchendur	3	385
	<b>Total</b>	<b>11</b>	<b>1,295</b>

- 4.5 BSNL shall pay a minimum bill of Rs.2,00,000 (Rupees Two Lakhs only) per month for Tirunelveli OA and Rs.1,75,000/- (Rupees One Lakh Seventy Five Thousand only ) for Tuticorin OA ( $\pm$  the quoted percentage) (i.e. the quoted % for Package-A shall be applicable for the minimum support price) for maintaining the minimum work force, irrespective of the quantum of work performed. However these charges shall be paid only if the contractor has completed all the assigned works during the month. A certificate shall be obtained from the DE (Transmission) TVL/TTN to this effect. In case the work performance is not satisfactory, DE (Transmission) TVL/TTN may recommend percentage reduction in the monthly assured payment.

- 4.6 The monthly bill for Package-A shall be settled as follows:

1.	Invoice Amount (As per Invoice proforma )	X
	Package A + B	
2.	Penalty imposed for non-adherence of the KPI	P
3.	Total Amount Payable excluding GST	$Y = X - P$
4.	Minimum Assured maintenance charges	M = Minimum assured price or ( less penalty imposed by DE(Tx) ( $\pm$ change based on the quoted percentage)
5.	Amount Payable	= Y (If $Y > M$ ) + GST as applicable = M (if $Y < M$ ) + GST as applicable

## 5. Penalty Clauses:

- 5.1 Penalty will be levied on the following monthly KPIs
- 5.2 Oral instruction / SMS/ Whatsapp Message /E-Mail shall be treated as a work order which shall be followed by formal work order letter.

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- 5.3 Prompt action (within 1 hour in city and 3 hours in Rural) is to be taken on receipt of instructions (by call or by SMS or Whatsapp or E-mail) from concerned officer regarding manual assistance in rectification of faults in cable route/BTS site/Exchange. In case of no action is taken within accepted time limit, penalty per hour at the rate of Rs 50/- per hour per cable route/BTS site/Exchange will be levied.
- 5.4 Liquidated Damages (also Applicable to Package-B of the tender): -If the contractor fails to complete the work within 3 days from the date of issue of work order, BSNL shall be entitled to recover 0.5% of the value for each day of delay or part thereof for a period upto 10 (Ten) days and thereafter at the rate of 1.0% of the value of the delayed quantity of the works or part thereof for another 10 (Ten) days, subject to a maximum of 15% of the bill amount with applicable GST. The work order will automatically lapse after One month, unless specifically extended and failure to deliver will result in forfeiture of entire security deposit.
- 5.5 Total penalties for network maintenance under package-A shall be capped at 15% of invoice value of maintenance work with applicable GST.
- 5.6 The work has to be completed within the specified period mentioned in the work order for each type of work.
- 5.7 However, the BSNL, Tamilnadu reserves the right to grant any relief off the penalty considering the circumstances/nature on the appeal made by the contractor.
- 5.8 Any recovery of penalty levied by statutory bodies shall be recovered from the contractor's bills or Security Deposit.

## **6. PERIOD OF CONTRACT**

- 6.1 The period of contract will be for two Years with effect from the date of execution of tender agreement and shall be extended by one year on satisfactory performance at the approved rate and on the same terms and condition.
- 6.2 Successful bidder will enter into an agreement on a Non-judicial Rs.100/- worth Stamp Paper.
- 6.3 BSNL reserves the right to extend the tender for further period on acceptance by the contractor till the finalization of the next tender in exigent situations.

## **7. TERMS AND CONDITIONS FOR THE WORK CONTRACT**

- 7.1 The contractor should possess valid License to take up the work in accordance with contract Labor (R & A) Act 1970 & Rules 1971.
- 7.2 The contractor will also be responsible to comply with relevant rules and laws including those relating to the labour etc in force from time to time.
- 7.3 If in any case by virtue of the provisions of section (1) of the workmen compensation Act 1923, it becomes liable to pay compensation to a workman employed by the contractor in execution of the work, the contractor will be responsible to pay such compensation to the workman for injuries or disability or death caused to him in the process of executing the work without prejudice to the rights of the Department under section 12 sub section of the said act, BSNL shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or any due by BSNL to the contractor whether under this contract or otherwise.
- 7.4 BSNL shall not bound to contest any claim made by the contractor against it under section 2 Subsection 1 of the said Act.
- 7.5 The contractor shall at all times hold the BSNL harmless and indemnified against all claims cost, charges and expenses for which the BSNL may be held liable or may incur or pay on account of the negligence or misconduct of the contractor or his workman or any of them of any person under his

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control whether in respect of injury to the persons or damage to the property of any member of the public or any other concern on account of any defect or want of repair in such works, or in the equipment used by the contractor in connection with or otherwise and against all claims and demands in respect of damage is caused to persons or assets of private parties or the properties of other utility organizations such as electricity gas or water supply authorities, Municipal Corporations, Highways Department, during the course of work, the damage shall be made good by the contractor at his own cost.

- 7.6 No labour below the age of 18 years shall be employed for the work.
- 7.7 The contractor shall have EPF registration or Form-A & shall make the EPF contribution of their workers as per Employee Provident fund act 1952.
- 7.8 The contractor shall have ESI registration and shall make the ESI contribution as per Employee State Insurance Act 1948
- 7.9 The contractor shall make wage payments to their workers as per minimum wages act 1948.
- 7.10 The contractor shall have the GST registration as applicable
- 7.11 The contractor should replace its staff when it is found by the designated officer that they are not discharging their duties well.
- 7.12 The contractor will have access to the BSNL premises for the clearing of faults. However, while accessing such locations, in case if it is found by the BSNL that any property or materials of the BSNL is lost or put to loss / damage due to the negligence of the workman, the contractor will be held fully responsible and should reimburse the cost of loss / damage so incurred. The decision of the BSNL as to the quantum of loss and negligence is final.
- 7.13 In case any workman suffers injury / damage or meets with an accident during the discharge of duty the entire cost of compensation should be borne by the Contractor and the BSNL will not stand indemnified against any claims/damage/ Compensation.
- 7.14 The contractor is responsible to stock sufficient medicines in the First Aid Boxes to treat the workman in the case of any injury / damage.
- 7.15 The contractor is not eligible for travelling and overtime allowances. The department will not undertake payment of travelling or expenses or overtime allowances etc for workman or any of his employees who are employed in the line construction work under contract.
- 7.16 A log book will be maintained by the officer in charge of the work and all observations and instructions will be recorded therein. The contractor is required to note all such remarks etc and take necessary action to remedy defects instructions and comply with instructions.
- 7.17 The contractor should intimate the fault to the concerned SDE/JTO's Office / Exchange.
- 7.18 The contractor should carry out the contract work to the satisfaction of the BSNL Officer-in-charge and in the event of his/their failure, the contract work will be got done through some other agency at the cost of the contractor and the payment will be settled on prorata basis.
- 7.19 The contractor is responsible for any loss/damage caused to the BSNL properties by him/them or his/their workers and he/they shall have to make good such loss. His/their workers should vacate premises immediately after completion of the contract work.
- 7.20 **The contractor should have persons with proven integrity to carry out the contract work. The contractor shall be solely responsible for payment and compensation under W C Act 1923** as in force from time to time applicable in the event of accidents causing injury/death to his/their workers and the CGM, BSNL Tamilnadu Circle, shall not involve in any manner.

## **8. PAYMENT TERMS**

8.1 Payment shall be made in Indian Rupees. For claiming this payment the following documents are to be submitted to the paying authority.

- a. The invoice should contain GSTIN number of BSNL along with the vendors GSTIN number.
- b. Bills should be submitted in triplicate.
- c. The contractor should submit the bill before 15<sup>th</sup> of each month for the completed work of the previous month.
- d. Wherever trenching works involved more than 3 meters, M-Book should be accompanied with bill.

8.2 Only one bill must be submitted for all the completed works in a month under Package- A & B to Claim officer, O/o CGM, BSNL Tamilnadu, Chennai -6 with a copy to DE, Transmission, Tirunelveli.

8.3 Maintenance charges for the optic fibre cables and transmission systems shall be payable from the new calendar month.

8.4 For the purpose of invoice preparation, the amount for the items supplied shall be calculated for the calendar month.

## **9. CHANGES IN PURCHASE ORDERS**

9.1 The purchaser may, at any time, by a written order given to a supplier, make changes within the general scope of the contract in the services to be provided.

9.2 If any such change causes an increase or decrease in the cost of, an equitable adjustment shall be made in the contract price and the contract shall accordingly be amended.

## **10. PERIOD OF CONTRACT**

10.1 The period of contract will be for Two Years with effect from the date of execution of tender agreement and shall be extended by one year on satisfactory performance at the approved rate and on the same terms and condition.

10.2 Successful bidder will enter into an agreement on a Non-judicial Rs.100/-worth Stamp Paper.

10.3 BSNL reserves the right to extend the tender for further period on acceptance by the contractor till the finalization of the next tender in exigent situations.

## **11. TERMS AND CONDITIONS FOR THE WORK CONTRACT**

1. The contractor should possess valid License to take up the work in accordance with contract Labour (R & A) Act 1970 & Rules 1971.
2. The contractor will also be responsible to comply with relevant rules and laws including those relating to the labour etc in force from time to time.
3. If in any case by virtue of the provisions of section (1) of the workmen compensation Act 1923, it becomes liable to pay compensation to a workman employed by the contractor in execution of the work, the contractor will be responsible to pay such compensation to the workman for injuries or disability or death caused to him in the process of executing the work without prejudice to the rights of the Department under section 12

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subsection of the said act, BSNL shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or any due by BSNL to the contractor whether under this contract or otherwise.

4. BSNL shall not bind to contest any claim made by the contractor against it under section 2 Subsection 1 of the said Act.
5. The contractor shall at all times hold the BSNL harmless and indemnified against all claims cost, charges and expenses for which the BSNL may be held liable or may incur or pay on account of the negligence or misconduct of the contractor or his workman or any of them or any person under his control whether in respect of injury to the persons or damage to the property of any member of the public or any other concern on account of any defect or want of repair in such works, or in the equipment used by the contractor in connection with or otherwise and against all claims and demands in respect of damage is caused to persons or assets of private parties or the properties of other utility organizations such as electricity gas or water supply authorities, Municipal Corporations , Highways Department, during the course of work, the damage shall be made good by the contractor at his own cost.
6. No labour below the age of 18 years shall be employed for the work.
7. The contractor shall have EPF registration or Form-5A & shall make the EPF contribution of their workers as per Employee Provident fund act 1952.
8. The contractor shall have ESI registration and shall make the ESI contribution as per Employee State Insurance Act 1948
9. The contractor shall make wage payments to their workers as per minimum wages act 1948.
10. The contractor shall have the GST registration as applicable
11. The contractor should replace its staff when it is found by the designated officer that they are not discharging their duties well.
12. The contractor will have access to the BSNL premises for the clearing of faults. However, while accessing such locations, in case if it is found by the BSNL that any property or materials of the BSNL is lost or put to loss / damage due to the negligence of the workman, the contractor will be held fully responsible and should reimburse the cost of loss / damage so incurred. The decision of the BSNL as to the quantum of loss and negligence is final.
13. In case any workman suffers injury / damage or meets with an accident during the discharge of duty the entire cost of compensation should be borne by the Contractor and the BSNL will not stand indemnified against any claims/damage/Compensation.
14. The contractor is responsible to stock sufficient medicines in the First Aid Boxes to treat the workman in the case of any injury /damage.
15. The contractor is not eligible for travelling and overtime allowances. The department will not undertake payment of travelling or expenses or overtime allowances etc for workman or any of his employees who are employed in the line construction work under contract.
16. A log book will be maintained by the officer in charge of the work and all observations and instructions will be recorded therein. The contractor is required to note all such remarks etc and take necessary action to remedy defects instructions and comply with instructions.
17. The contractor should intimate the fault to the concerned SDE/JTO's

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Office /Exchange.

18. The contractor should carry out the contract work to the satisfaction of the BSNL Officer-in-charge and in the event of his/their failure, the contract work will be got done through some other agency at the cost of the contractor and the payment will be settled on prorata basis.
19. The contractor is responsible for any loss/damage caused to the BSNL properties by him/them or his/their workers and he/they shall have to make good such loss. His/their workers should vacate premises immediately after completion of the contract work.
20. **The contractor should have persons with proven integrity to carry out the contract work. The contractor shall be solely responsible for payment and compensation under W C Act 1923** as in force from time to time applicable in the event of accidents causing injury/death to his/their workers and the PGM, BSNL Tirunelveli BA, shall not involve in any manner.

## **12. FORCE MAJEURE**

- 12.1 If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may, at its option, terminate the contract.
- 12.2 Provided, also that if the contract is terminated under this clause, the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture which may be in possession of the Supplier at the time of such termination or such portion thereof as the purchaser may deem fit, except such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain.

## **13. TERMINATION FOR DEFAULT**

- 13.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the contractor, terminate this contract in whole or in part.
  - a) if the supplier fails to perform the services within the time period(s) specified in the contract;
  - b) if the supplier fails to perform any other obligation(s) under the Contract; and
  - c) if the supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as the purchaser may authorize in writing) after receipt of

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the default notice from the purchaser.

- 13.2 BSNL reserves the right to terminate the Contracts without notice in the event of any prohibition notified by appropriate Government
- 13.3 If the contractor is found to be a benami of any other person at a later date, this contract will be immediately terminated.
- 13.4 In case of any dispute before and after awarding the tender the decision of BSNL, Tamilnadu, will be the final.
- 13.5 BSNL Tamilnadu Circle also reserves the right to offer the contract to any other tenderer or any other agency in case of un-satisfactory work.

#### 14. TERMINATION FOR INSOLVENCY

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the supplier. If the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

#### 15. ARBITRATION

**(Applicable in case of supply orders/Contracts with firms, other than Public Sector Enterprise)** (Not applicable in case valuing less than Rs. 5 lakhs) Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties unable to settle mutually, the same shall be referred to Arbitration as provided hereunder:

- 15.1 A party wishing to commence arbitration proceeding shall revoke Arbitration Clause by giving 60 days' notice to the designated officer of the other party. The notice invoking arbitration shall specify all the points of disputes with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.

- 15.2 The number of the arbitrators and the appointing authority will be as under:

Claim amount (excluding claim for counter claim, if any)	Number of arbitrator	Appointing Authority
Above Rs. 5 lakhs to Rs 5 crores	Sole arbitrator to be appointed from a panel of arbitrators of BSNL	BSNL (Note: BSNL will forward a list containing names of three empanelled arbitrators to the other party for selecting one from the list who will be appointed as sole arbitrator by BSNL)
Above 5 crores	3 Arbitrators	One arbitrator by each party and the 3 <sup>rd</sup> arbitrator, who shall be the presiding arbitrator by the two arbitrators, BSNL will appoint its arbitrator from its panel

- 15.3 Neither party shall appoint its serving employee as arbitrator.
- 15.4 If any of the arbitrators so appointed dies, resigns becomes in capacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left it both parties consent for the same: otherwise he shall proceed de novo.
- 15.5 Parties agree that neither party shall be entitled for any pre-reference or pendent elite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.
- 15.6 Unless otherwise decided by the parties, Fast Track procedure as prescribed in *SECTION 29B* of the Arbitration Conciliation Act 1996 for resolution of all disputes shall be followed where the claim amount is up to Rs 3crores.

**[29B. Fast Track procedure-**

(1) Not with standing anything contained in this Act, the parties to an arbitration agreement, may at any stage either before or at the time of appointment of the arbitral tribunal, agree in writing to have their dispute resolved by fast track procedure specified in sub- *SECTION(3)*.

(2) The parties to the arbitration agreement, while agreeing for resolution of dispute by fast track procedure, may agree that arbitral tribunal shall consist of a sole arbitrator who shall be chosen by the parties.

(3) The arbitral tribunal shall follow the following procedure while conducting arbitration proceedings under sub section(1)

(a) The arbitral tribunal shall decide the dispute on the basis of written pleadings, documents and submissions filed by the parties without oral hearing;

(b) The arbitral tribunal shall have the power to call for any further information or clarification from the parties in addition to the pleadings and documents filed by them;

(c) An oral hearing may be held only, if, all the parties make a request or if the arbitral tribunal considers it necessary to have oral hearing for clarifying certain issues;

(d) The arbitral tribunal may dispense with any technical formalities, if an oral hearing is held, and adopt such procedure as deemed appropriate for expeditious disposal of the case.

(4) The award under this *SECTION* shall be made within a period of six months from the date the arbitral tribunal enters upon the reference.

(5) If the award is not made within the period specified in sub-*SECTION (4)* , the provisions of sub- *SECTIONs (3) to (9)* of *SECTION 29A* shall apply to the proceedings.

(6) The fees payable to the arbitrator and the manner of payment of the fees shall be such as may be agreed between the arbitrator and the parties.]

- 15.7 The arbitral tribunal shall make and publish the award within time stipulated as under:

Amount of claims and counter claims	Period for making and publishing of the award(counted from the date the arbitral tribunal enters upon reference)
Upto 5 Crores	Within 6 months ( Fast Track procedure)
Above 5 crores	Within 12 months

However the above time limit can be extended by the arbitrator for reasons to be recorded in writing with the consent of parties and in times of provisions of the act.

- 15.8 In case of the arbitral tribunal of 3 arbitrators, each party shall be responsible to make arrangements for the travel and stay, etc. of the arbitrator appointed by it. Claimant shall also be responsible for making arrangements for travel / stay arrangements for the Presiding arbitrator and the expenses incurred shall be shared equally by the parties.

In case of sole arbitrator, BSNL shall make all necessary arrangements for the travel / stay and the expenses incurred shall be shared equally by the parties.

- 15.9 The Arbitration proceedings shall be held at New Delhi or Circle or BA Headquarter(as the case maybe)

- 15.10 Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

- 15.11 In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the department of public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary, whose decision shall bind the parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

Further, with regard to already signed/existing contracts , existing Arbitration clause for sole arbitrator can be invoked in case the parties waive, subsequent to disputes having arisen between them, the applicability of sub-SECTION (5) of SECTION 12 by an express agreement in writing.

- 15.12 In the event of any question, dispute or difference arising under this agreement or in connection there-with (except as to the matters, the decision to which is specifically provided under this agreement), the same shall be referred to the sole arbitration of the CGM BSNL Tamilnadu Circle or in case his designation is changed or his office is abolished, then in such cases to the sole arbitration of the officer for

Signature of the bidder



the time being entrusted (whether in addition to his own duties or otherwise) with the functions of the CGM BSNL Tamilnadu Circle or by whatever designation such an officer may be called (hereinafter referred to as the said officer), and if the CGM BSNL Tamilnadu Circle or the said officer is unable or unwilling to act as such, then to the sole arbitration of some other person appointed by the CGM BSNL Tamilnadu Circle or the said officer. The agreement to appoint an arbitrator will be in accordance with the Arbitration and Conciliation Act 1996. There will be no objection to any such appointment on the ground that the arbitrator is a Government Servant or that he has to deal with the matter to which the agreement relates or that in the course of his duties as a Government Servant he has expressed his views on all or any of the matters in dispute. The award of the arbitrator shall be final and binding on both the parties to the agreement. In the event of such an arbitrator to whom the matter is originally referred, being transferred or vacating his office or being unable to act for any reason whatsoever, the CGM, BSNL Tamilnadu Circle or the said officer shall appoint another person to act as an arbitrator in accordance with terms of the agreement and the person so appointed shall be entitled to proceed from the stage at which it was left out by his predecessors.

15.13 The arbitrator may from time to time with the consent of both the parties enlarge the time frame for making and publishing the award. Subject to the aforesaid, Arbitration and Conciliation Act, 1996 and the rules made there under, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.

15.14 The venue of the arbitration proceeding shall be at the office of the CGM, BSNL, Tamilnadu Circle, Chennai or such other places as the arbitrator may decide.

**16. SETOFF**

Any sum of money due and payable to the supplier (including security deposit refundable to him) under this contract may be appropriated by the purchaser or the BSNL or any other person(s) contracting through the BSNL and set off the same against any claim of the Purchaser or BSNL or such other person or person(s) for payment of a sum of money arising out of this contract or under any other contract made by the supplier with the Purchaser or BSNL or such other person(s) contracting through the BSNL.

**17.** The bidder should furnish the name of his collaborator (if applicable), brand name, model no and type of the products offered in this tender. The technical literatures of the products should also be submitted. No change in either technology or product shall be permitted after opening of bids.

**18. APPLICABLE LAW AND JURISDICTION**

18.1 The supply order for Goods 'or' Services, including all matters connected with this supply order shall be governed by the Indian law both substantive and procedural, for the time being in force and shall be subject to the exclusive jurisdiction of Indian Courts at the place

Signature of the bidder

from where the Purchase Order has been placed.

- 18.2 Foreign companies, operating in India or entering into Joint Ventures in India, shall have to obey the law of land and there shall be no compromise or excuse for the ignorance of the Indian legal system in anyway.

“This Contract/PO is subject to jurisdiction of Court at Tirunelveli / Tamilnadu only”

**ANNEXURE-I BIDDER'S PROFILE**

(To be filled in and submitted by the bidder)

1. Name of the Individual/Firm :

2. Present Correspondence Address:

Telephone No..... Mobile No..... FAX No.....

3. Address of place of Works

.....  
.....  
.....  
..... Telephone No.  
..... Mobile No. ....

4. State the Type of Firm: Sole Proprietor-ship/ Partnership firm / Private limited company. (Tick the correct choice):

5. Name of the sole proprietor/ partners/ Director(s) of Pvt. Ltd Co.:

Sl No	Name	Father's name	Designation

6. Name of the person authorized to enter into and execute contract/ agreement and the capacity in which he is authorized (in case of partnership/ Private Ltd company): .....

7. Permanent Account No.  
:.....  
.....

Date .....  
Contractor.....

Signature of contractor.....  
.....  
Name of

Signature of the bidder

**Annexure-II**

**DECLARATION OF NEAR RELATIVES**

“I.....S/o.....

Residing

at.....

..... hereby certify that none of my relative(s) as defined in the Tender documents is working in the units where I am going to apply for the tender as per details given in tender document. In case at any stage, it is found that the information given by me is false/ incorrect, BSNL shall have the absolute right to take any action as deemed fit, without any prior intimation to me.

{ The near relatives are members of a Hindu undivided family/husband and wife / the one related to the other in the manner as father, mother, son(s) and sun’s wife daughter in laws) ,daughter(s), daughter’s husband (son in law), brother(s) and brother’s wife, sister(s) & sister’s husband (brother in law)}

Place

:

Date:

**Signature of the Contractor:**

\_\_\_\_\_

**Name in block letters :**

**Address :**

### **ANNEXURE-III**

#### **CONDITIONS AND AGREEMENT**

- 1) I/We execute the agreement with PGM, BSNL, Tirunelveli BA, for the work as specified in the tender on work contract basis and in accordance with the specifications, terms and conditions and instructions annexed hitherto or that may be given by on behalf of the Principal General Manager, BSNL, Tirunelveli BA or by his representative in consideration of the payment that will be made at the rate quoted by me/us.
- 2) I/We agree to abide by the terms and conditions if the Tender is accepted
- 3) I/We do hereby understand that our firm will be debarred, if I/We withdraw the Tender at any stage before or after finalization of the Tender.
- 4) I/We will not claim any interest on the Security Deposit while it is in the control of BSNL, Tirunelveli
- 5) I/We agree that the decision of the PGM, BSNL, Tirunelveli BA, regarding the meaning and effects of this Tender and the Agreement and also on the disputes that may arise out of the execution of the works and settlements of my/our claims, shall be final and legally binding
- 6) I/We have personally visited and assessed the area and other particulars of the Cable routes/Exchanges/Offices before quoting the rates.
- 7) I/We are accepting that the accepted rates will be valid for a period of two year's commencing from the date of awarding the tender. We agree for the extension of one year or up to the finalization of New Tender on the same rates and conditions
- 8) I/We agree that we will be held fully responsible to reimburse the cost of the loss / damages incurred due to the negligence of our staff and the decision of the BSNL to the loss and negligence is final.
- 9) I/We agree to provide any feedback information as and when required by the BSNL at our cost.
- 10) I/We agree to undertake the work within the stipulated time mentioned.
- 11) I/We agree to submit the License from the concerned Labour authority within one month from the date of award of the work.
- 12) I/We agree that if the services are found to be unsatisfactory or if we are unable to fulfill the agreement, the BSNL reserves the right to terminate the contract giving 15 days' notice, with the forfeiture of Security Deposit besides blacklisting.
- 13) I/We understand that Tender will be terminated for violation of any of the above condition.
- 14) I/We agree to the following Service Conditions.
  - i)The agency should be capable of providing all the services mentioned in the schedule of works.
  - ii)The actual nature and quantum of work will be assigned by the controlling officer of the place.

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- 15) I/We agree that in case of any dispute, the decision of the Principal General Manger, BSNL, Tirunelveli-627003 regarding meaning and effects of this tender and agreement and also on the disputes arising out of the execution of the work and settlement of claims shall be final and legally binding.
- 16) I/We agree that to settle the disputes, the matter should be referred to an Arbitrator so appointed by the BSNL for the purpose and the decision of the arbitrator will be final and binding on both the parties.
- 17) Any Legal litigation is to be restricted to Tirunelveli District jurisdiction.
- 18) I/We agree to submit the bills within 15<sup>th</sup> days of every month for the previous month completed work.
- 19) The period of contract will be for Two Years with effect from the date of award of contract and PGM reserves the right for further extension of one year if necessary.

Signature(s) of the Contractor(s)

Witness(s)

- 1.
- 2.

NAME (in block  
letters) ADDRESS

Signature of the bidder

**ANNEXURE-IV**  
**Financial Schedule**

**I. Package-A:**

Quote percentage with respect to base rate per unit (given below) in figures (+ OR -)				
Tirunelveli OA -Estimated Cost- Package A				
No	Nature of work	Unit	Rate	QTY
1	Excavating trenches to a depth of <b>165cm</b> in all types of soils, ramming of bottoms, including getting out the excavated soil, and then reinstating the soil immediately as required including consolidating each deposited layer by ramming, watering etc and disposing of surplus excavated soil as directed <b>(Rate Per Running Metre)</b>	Per Metre	136	3000
2	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	169	500
3	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches with cement concrete after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	212	250
4	Laying of PLB Pipes (40mm/50mm dia), placing, adjusting and jointing length suitable couplers providing and drawing nylon ropes if needed for pulling OF Cable inside PLB pipes (the rate quoted should be same whether the pipe used is HDPE or PLB) <b>(Rate Per Running Metre)</b>	Per Metre	12	2500
5	Laying and Fixing of GI/DWC Pipes on <b>inside/outside</b> the bridges and culverts with PLB pipe inside including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	15	1000
6	Planting Route Joint Indicators and base concreting (1:2:4) <b>(Rate Per unit)</b>	Per unit	120	200
7	Providing & laying CC 1:2:4 (cement: sand: stone) aggregate 20mm normal size for encasing GI/DWC pipes in road bridges, crossings, culverts and rocky surfaces. <b>(Rate per running metre)</b>	Per Cubic Metre	2000	150
8	Road/Railway crossing through Horizontal boring method and inserting GI /DWC Pipes and placing PLB inside the hole <b>(Rate Per Running Metre)</b>	Per Meter	650	250
9	Pulling of OF cables through the existing PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15	2500

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10	Pulling of OF cables through new PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15	2500
11	Joint Manhole pits for OF jointing: Excavation and reinstating of existing Joint pits provided as per detailed specification suitable for making joints and reinstating after completion. <b>(Rate Per pit)</b>	Per Pit	1850	50
12	Digging Joint manhole / Test pits for the purpose like tracing of OFC, attending maintenance cable fault etc. <b>(Rate Per pit)</b>	Per pit	800	150
13	Opening of Chamber/Man hole covers, dewatering of chambers, taking out the OF Cable coils and jointing kits, closing the man holes after placing the kit back after splicing with full protection and neatly closing the man hole. <b>(Rate Per unit)</b>	Per unit	600	100
14	Maintenance of Chambers/Man holes if damaged, taking out the OF Cable coils and jointing kits, reconstructing the man holes and placing the coils, kit back with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	2500	50
15	Maintenance of Chamber/Man holes top covers per slab if damaged, reconstructing the man holes covers including supply of materials concreting and placing the covers, with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	950	50
16	OF Cable Splicing preliminary works Cleaning, cleaving and numbering, if needed, of OF Cables and Splicing of make ready for Splicing 4F/6F <b>(Rate Per joint)</b>	per joint	200	250
17	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 12F per joint <b>(Rate Per joint)</b>	per joint	250	300
18	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 24F per joint <b>(Rate Per joint)</b>	per joint	300	500
19	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 48F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	500	30
20	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 96F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	800	30
21	Splicing OF Cables 4F/6F/12F/24F/48F/96F per joint <b>(Rate Per Splicing)</b>	per splicing	80	1000
22	Splicing OF Cables 24F/48F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	1500	500

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23	Splicing OF Cables 96F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	2200	200
24	OFC Cable Splicing (Pigtail) and Termination inside the boxes and routing the Fibres to FDF. 4F/6F/12F/24F/48F/96F as per standard. <b>(Rate Per Fibre)</b>	per unit	49	400
25	Fixing of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	250	300
26	Removal of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	150	100
27	Recovery of Patch cords <b>(Rate Per fibre)</b>	per unit	50	200
28	Patch Cords erection in proper standards with sufficient support / hose etc to safeguards from external agency, Rat bite etc. <b>(Rate Per fibre)</b>	per unit	75	400
29	Patch Cords replacement in BSNL standards , checking of Optical power etc with sufficient support / hose etc to safeguard from external agency, Rat bite etc for remote sites which are more than 5 km away. <b>(Rate Per unit)</b>	per unit	250	200
30	Testing of Spare Fibres between the Stations. <b>(Rate Per fibre)</b>	per unit	150	250
31	Installation of ADM/MADM/STM/CPAN/MNGPAN /MAAN systems <b>(Rate Per unit)</b>	per unit	1000	60
32	Dismantling of ADM/MADM/STM/CPAN/MNGPAN/MAAN systems <b>(Rate Per unit)</b>	per unit	500	30
33	Installation of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	300	30
34	Dismantling of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	150	30
35	Installation of DDF Bay, Fixing Modules and Wiring <b>(Rate Per unit)</b>	per unit	336	30
36	Dismantling of DDF Bay, Removing Modules etc. <b>(Rate Per unit)</b>	per unit	280	30
37	Installation of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	250	30
38	Dismantling of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	125	30
39	Termination of CT Boxes <b>(Rate Per unit)</b>	per unit	120	30
40	Installation of CPE- A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	450	200
41	Dismantling of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	240	100
42	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	175	50
43	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems at remote sites which are more than 5 km away <b>(Rate Per unit)</b>	per unit	275	60
44	Wiring of E1 Stream cable per unit <b>(Rate Per unit)</b>	per	100	500

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		unit		
45	Testing the E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	50	300
46	Dismantling / Recovery and erection of unused posts of any type and transporting to the site/store (cost includes transportation loading and unloading charges also <b>(Rate Per post)</b> )	per unit	600	200
47	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) with stay wire <b>(Rate Per Running Metre)</b>	per metre	18	2000
48	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	12	6000
49	OF Cable overhead pulling for maintenance work 12F/24F/48F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	24	2500
50	OF Cable recovery from overhead through the any type of posts inclusive of loading, unloading and transportation. <b>(Rate Per Running Metre)</b>	per metre	9	4000
51	Fixing of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	200	200
52	Fixing of splitter boxes/ spare fibre boxes /ONT/ UPS <b>(Rate Per unit)</b>	per unit	200	250
53	Leading of OF Cables through green flexible hose <b>(Rate Per Running Metre)</b>	per unit	15	250
54	Laying of 50mm PVC pipes by clamping on the wall for pulling cable drop fiber / low count fibers <b>(Rate Per metre)</b>	per unit	50	1500
55	Lowering of OF cable down and then restoring back to original condition in the alignment during fault Clearance in OH alignment <b>(Rate Per unit)</b>	per unit	300	300
56	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per day. <b>(Rate Per day)</b>	per day	600	650
57	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per Night. <b>(Rate Per night)</b>	per night	725	300
58	Testing / replacing of Modem/SFP / Power adapter / attenuators / Converter status at Sub Offices during the fault occurrences.	per unit	100	250

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<b>Tuticorin OA- Package- A Estimated Cost</b>				
<b>No</b>	<b>Nature of work</b>	<b>Unit</b>	<b>Rate</b>	<b>QTY</b>
1	Excavating trenches to a depth of <b>165cm</b> in all types of soils, ramming of bottoms, including getting out the excavated soil, and then reinstating the soil immediately as required including consolidating each deposited layer by ramming, watering etc and disposing of surplus excavated soil as directed <b>(Rate Per Running Metre)</b>	Per Metre	136	2500
2	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	169	300
3	Excavating trenches across the road on Tarred surface/ cement concrete surface to a depth of <b>165 cm</b> and back filling the Excavated trenches with cement concrete after laying the PLB pipe with or without protection. <b>(Rate Per Running Metre)</b>	Per Metre	212	150
4	Laying of PLB Pipes (40mm/50mm dia), placing, adjusting and jointing length suitable couplers providing and drawing nylon ropes if needed for pulling OF Cable inside PLB pipes (the rate quoted should be same whether the pipe used is HDPE or PLB) <b>(Rate Per Running Metre)</b>	Per Metre	12	2000
5	Laying and Fixing of GI/DWC Pipes on <b>inside/outside</b> the bridges and culverts with PLB pipe inside including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	15	800
6	Planting Route Joint Indicators and base concreting (1:2:4) <b>(Rate Per unit)</b>	Per unit	120	150
7	Providing & laying CC 1:2:4 (cement: sand: stone) aggregate 20mm normal size for encasing GI/DWC pipes in road bridges, crossings, culverts and rocky surfaces. <b>(Rate per running metre)</b>	Per Cubic Metre	2000	100
8	Road/Railway crossing through Horizontal boring method and inserting GI /DWC Pipes and placing PLB inside the hole <b>(Rate Per Running Metre)</b>	Per Meter	650	200
9	Pulling of OF cables through the existing PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15	3000
10	Pulling of OF cables through new PLB pipes using the Nylon rope already available inside the pipes or pulling by blowing method. <b>(Rate per running metre)</b>	Per Metre	15	1500
11	Joint Manhole pits for OF jointing: Excavation and reinstating of existing Joint pits provided as per detailed specification suitable for making joints and reinstating after completion. <b>(Rate Per pit)</b>	Per Pit	1850	50

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12	Digging Joint manhole / Test pits for the purpose like tracing of OFC, attending maintenance cable fault etc. <b>(Rate Per pit)</b>	Per pit	800	150
13	Opening of Chamber/Man hole covers, dewatering of chambers, taking out the OF Cable coils and jointing kits, closing the man holes after placing the kit back after splicing with full protection and neatly closing the man hole. <b>(Rate Per unit)</b>	Per unit	600	80
14	Maintenance of Chambers/Man holes if damaged, taking out the OF Cable coils and jointing kits, reconstructing the man holes and placing the coils, kit back with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	2500	25
15	Maintenance of Chamber/Man holes top covers per slab if damaged, reconstructing the man holes covers including supply of materials concreting and placing the covers, with full protection and neatly closing the man hole <b>(Rate Per unit)</b>	Per unit	950	25
16	OF Cable Splicing preliminary works Cleaning, cleaving and numbering, if needed, of OF Cables and Splicing of make ready for Splicing 4F/6F <b>(Rate Per joint)</b>	per joint	200	200
17	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 12F per joint <b>(Rate Per joint)</b>	per joint	250	250
18	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 24F per joint <b>(Rate Per joint)</b>	per joint	300	250
19	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 48F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	500	25
20	OF Cable Splicing preliminary works, Cleaning, cleaving and numbering if needed of OF Cables and make ready for Splicing 96F per joint <b>(Rate Per joint) For Single Core Fibre Cable</b>	per joint	800	25
21	Splicing OF Cables 4F/6F/12F/24F/48F/96F per joint <b>(Rate Per Splicing)</b>	per splicing	80	800
22	Splicing OF Cables 24F/48F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	1500	500
23	Splicing OF Cables 96F - Ribbon Type <b>(Rate Per Splicing)</b>	Per ribbon	2200	200
24	OFC Cable Splicing (Pigtail) and Termination inside the boxes and routing the Fibres to FDF. 4F/6F/12F/24F/48F/96F as per standard. <b>(Rate Per Fibre)</b>	per unit	49	300
25	Fixing of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	250	250

Signature of the bidder

26	Removal of OFC Cable Termination boxes. <b>(Rate Per unit)</b>	per unit	150	100
27	Recovery of Patch cords <b>(Rate Per fibre)</b>	per unit	50	150
28	Patch Cords erection in proper standards with sufficient support / hose etc to safeguards from external agency, Rat bite etc. <b>(Rate Per fibre)</b>	per unit	75	250
29	Patch Cords replacement in BSNL standards , checking of Optical power etc with sufficient support / hose etc to safeguard from external agency, Rat bite etc for remote sites which are more than 5 km away. <b>(Rate Per unit)</b>	per unit	250	150
30	Testing of Spare Fibres between the Stations. <b>(Rate Per fibre)</b>	per unit	150	200
31	Installation of ADM/MADM/STM/CPAN/MNGPAN /MAAN systems <b>(Rate Per unit)</b>	per unit	1000	50
32	Dismantling of ADM/MADM/STM/CPAN/MNGPAN/MAAN systems <b>(Rate Per unit)</b>	per unit	500	20
33	Installation of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	300	20
34	Dismantling of FDF (24F/48F/96F) per unit <b>(Rate Per unit)</b>	per unit	150	10
35	Installation of DDF Bay, Fixing Modules and Wiring <b>(Rate Per unit)</b>	per unit	336	20
36	Dismantling of DDF Bay, Removing Modules etc. <b>(Rate Per unit)</b>	per unit	280	30
37	Installation of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	250	20
38	Dismantling of IDF Bay Fixing <b>(Rate Per unit)</b>	per unit	125	20
39	Termination of CT Boxes <b>(Rate Per unit)</b>	per unit	120	20
40	Installation of CPE- A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	450	100
41	Dismantling of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	240	100
42	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems <b>(Rate Per unit)</b>	per unit	175	50
43	Replacement of CPE/ A/B/C NODE/MODEM/Converter systems at remote sites which are more than 5 km away <b>(Rate Per unit)</b>	per unit	275	60
44	Wiring of E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	100	300
45	Testing the E1 Stream cable per unit <b>(Rate Per unit)</b>	per unit	50	300
46	Dismantling / Recovery and erection of unused posts of any type and transporting to the site/store (cost includes transportation loading and unloading charges also <b>(Rate Per post)</b>	per unit	600	100

Signature of the bidder

47	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) with stay wire <b>(Rate Per Running Metre)</b>	per metre	18	2000
48	OF Cable overhead pulling for maintenance work 4F/6F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	12	4000
49	OF Cable overhead pulling for maintenance work 12F/24F/48F (OF cable will be supplied by BSNL) without stay wire <b>(Rate Per Running Metre)</b>	per metre	24	2000
50	OF Cable recovery from overhead through the any type of posts inclusive of loading, unloading and transportation. <b>(Rate Per Running Metre)</b>	per metre	9	2000
51	Fixing of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	200	150
52	Fixing of splitter boxes/ spare fibre boxes /ONT/ UPS <b>(Rate Per unit)</b>	per unit	200	150
53	Leading of OF Cables through green flexible hose <b>(Rate Per Running Metre)</b>	per unit	15	100
54	Laying of 50mm PVC pipes by clamping on the wall for pulling cable drop fiber / low count fibers <b>(Rate Per metre)</b>	per unit	50	800
55	Lowering of OF cable down and then restoring back to original condition in the alignment during fault Clearance in OH alignment <b>(Rate Per unit)</b>	per unit	300	300
56	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per day. <b>(Rate Per day)</b>	per day	600	500
57	Monitoring and Safe guarding the OFC Cables in places of works by outside agencies like PWD,TWAD Board, Road widening etc are under taken for making security arrangements and monitoring to avoid damage rate per location per Night. <b>(Rate Per night)</b>	per night	725	200
58	Testing / replacing of Modem/SFP / Power adapter / attenuators / Converter status at Sub Offices during the fault occurrences.	per unit	100	150

Signature of the bidder

**II. Package-B:**

Quote percentage with respect to base rate per unit (given below) in figures (+ OR -)

<b>Tirunelveli OA- Estimated Cost - PACKAGE B</b>				
<b>No</b>	<b>Nature of work</b>	<b>Unit</b>	<b>Basic Rate</b>	<b>Qty</b>
1	Supplying of 2" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	400	200
2	Supplying of 3" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	650	200
3	Supplying of DWC Pipes 75/61 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	90	300
4	Supplying of DWC Pipes 120/103 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	155	300
5	Supplying of 1" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	55	600
6	Supplying of 2" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	120	500
7	Supply of Route Indicators Painting and Sign writing as per specifications of BSNL. <b>(Rate Per unit)</b>	Per unit	620	100
8	Supply and Provision of 1" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	90	230
9	Supply and Provision of 1" dia green flexible hose (steel) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	60	230
10	Supply and Provision of 2" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	140	200
11	Supply of 1200 mm dia RCC precast Circular ring chamfer for manhole pits as per the specifications of BSNL	per unit	4800	25
12	Supply of OF Cable joint closures for maintenance work for 4F/6F/12F cables with necessary accessories <b>(Rate Per unit)</b>	per metre	700	300
13	Supply of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	90	200
14	Supply of Galvanised clamps (Rate per kg)	Per kg	110	100
15	Supply of weld wire mesh, 50 mmX100mm, 12SWG(Rate Per Sqm)	Per Sq m	150	100
16	Multi Mode Duplex Fiber Patch Cord,	Per No	250	120

Signature of the bidder

17	LC-FC Patch Cord	Per No	60	80
18	LC-LC Patch Cord	Per No	320	80
19	FC-FC Patch Cord	Per No	75	80
20	LC-SC Patch Cord	Per No	140	80
21	SC-SC Patch Cord	Per No	150	80
22	Single fibre SFP- 40KM-1Ge	Per No	2500	20
23	Single fibre SFP- 80KM-1Ge	Per No	3500	20
24	Supply of single fiber GE Media Convertor	Per No	2400	10

**Tuticorin OA - Estimated Cost - PACKAGE B**

No	Nature of work	Unit	Basic Rate	Qty
1	Supplying of 2" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	Per Metre	400	150
2	Supplying of 3" dia GI Pipes for laying on <b>inside/outside</b> bridges and culverts including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	650	100
3	Supplying of DWC Pipes 75/61 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	90	300
4	Supplying of DWC Pipes 120/103 including cost of clamps, nails etc <b>(Rate Per Running Metre)</b>	per metre	155	300
5	Supplying of 1" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	55	500
6	Supplying of 2" dia PVC Pipes including cost of clamps,nails etc (rate per running metre)	per metre	120	300
7	Supply of Route Indicators Painting and Sign writing as per specifications of BSNL. <b>(Rate Per unit)</b>	Per unit	620	80
8	Supply and Provision of 1" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	90	250
9	Supply and Provision of 1" dia green flexible hose (steel) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	60	250

Signature of the bidder



10	Supply and Provision of 2" dia green flexible hose (PVC) including cost of accessories like clamps,nails etc. (rate per running metre)	per metre	140	200
11	Supply of 1200 mm dia RCC precast Circular ring champer for manhole pits as per the specifications of BSNL	per unit	4800	25
12	Supply of OF Cable joint closures for maintenance work for 4F/6F/12F cables with necessary accessories <b>(Rate Per unit)</b>	per metre	700	200
13	Supply of Termination boxes at the sub offices <b>(Rate Per unit)</b>	per unit	90	150
14	Supply of Galvanised clamps (Rate per kg)	Per kg	110	80
15	Supply of weld wire mesh, 50 mmX100mm, 12SWG(Rate Per Sqm)	Per Sq m	150	100
16	Multi Mode Duplex Fiber Patch Cord,	Per No	250	100
17	LC-FC Patch Cord	Per No	60	60
18	LC-LC Patch Cord	Per No	320	60
19	FC-FC Patch Cord	Per No	75	60
20	LC-SC Patch Cord	Per No	140	60
21	SC-SC Patch Cord	Per No	150	60
22	Single fibre SFP- 40KM-1Ge	Per No	2500	20
23	Single fibre SFP- 80KM-1Ge	Per No	3500	20
24	Supply of single fiber GE Media Convertor	Per No	2400	10

**Rate as a percent variation should be quoted in the E-Tender Financial Bid rate sheet enclosed to the Tender schedule** only excluding GST. GST shall be paid extra as per prevailing rate and rules subject to the condition that

1. GSTIN number should be indicated on bills/invoices /documents etc
2. GSTIN number of BSNL should be distinctly in the bill
3. The proof of GST Tax having been remitted to State and Central agencies should have been furnished in respect of remittance made in previous month.

If my tender is accepted, I agree to abide by the terms and conditions mentioned in the Tender document.

Place: Tirunelveli/Tuticorin

Date : .....

.....

Signature:

Name of the bidder.....

Signature of the bidder

**ANNEXURE-V  
BID FORM**

To  
Assistant General  
Manager, BSNL,  
Tamilnadu

Bidder's Reference No:.....  
dated.....

Ref: Your Tender No.  
.....dated.....

Dear Sir,

- 1) Having examined the Terms and conditions of contract and specifications including addenda, the receipt of which is hereby duly acknowledged, we, undersigned, offer to execute the work of "Outsourcing of the maintenance of Optic Fibre Cables and Transmission systems in Tirunelveli SSA for Two years", in conformity with said conditions of contract and specifications as may be ascertained in accordance with the schedule of prices attached herewith and made part of this bid. In conformity with said conditions of contract and specifications as may be ascertained in accordance with the schedule of prices attached herewith and made part of this bid.
- 2) Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.
- 3) We agree to abide by this Bid for a period of 150 days from the date fixed for Bid opening or for subsequently extended period, if any, agreed to by us. This bid shall remain binding upon us up to the aforesaid period.
- 4) We understand that you are not bound to accept the lowest or any bid, you may receive.
- 5) If our Bid is accepted, we will submit the securities as per the conditions mentioned in the contract.
- 6) We undertake, if our Bid is accepted, to execute the work in accordance with specifications time limits & terms and conditions stipulated in the tender document/ Agreement/Work orders.
- 7) Until a formal Agreement is prepared and executed, this Bid together with your written acceptance thereof in your notification of award shall constitute a binding contract between us. Dated:.....

Witness:

Signature.....  
Name.....  
Address .....  
of.....

Signature .....  
Name.....  
In the capacity of.....  
Duly authorized to sign the bid for.....  
and on behalf

Signature of the bidder

**ANNEXURE-VI**  
**PERFORMANCE BANK GUARANTEE**  
(To be typed on Rs.100/- Non-judicial stamp paper)

Dated: .....

Sub: Performance guarantee.

1. Whereas Assistant General Manager, O/o CGM BSNL, Tamilnadu Circle, (hereafter referred to as BSNL) has issued an APO no. ....Dated...../...../2024 awarding the work of .....  
..... to M/s .....  
R/o.....  
(hereafter referred to as "Bidder") and BSNL has asked him to submit a performance guarantee in favour of Assitant General Manager BSNL, Tamilnadu Circle of Rs /- (hereafter referred to as "P.G. Amount") valid upto.....(hereafter referred to as "Validity Date") Now at the request  
of the Bidder, We ..... Bank  
.....Branch having  
..... (Address)  
and Regd. office address as..... (Herein after called "the Bank") agreed to give this guarantee as hereinafter contained.
2. We, "the Bank" do hereby undertake and assure to the BSNL that if in the opinion of the Principal General Manager, BSNL, Tirunelveli BA, the Bidder has in any way failed to observe or perform the terms and conditions of the said agreement or has committed any breach of its obligations there-under, the Bank shall on demand and without any objection or demur pay to the BSNL the said sum limited to P.G. Amount or such lesser amount as BSNL may demand without requiring BSNL to have recourse to any legal remedy that may be available to it to compel the Bank to pay the same.
3. Any such demand from the Assistant General Manager, BSNL, Tamilnadu , shall be conclusive as regards the liability of Bidder to pay to Assistant General Manager, BSNL, Tamilnadu or as regards the amount payable by the Bank under this guarantee. The Bank shall not be entitled to withhold payment on the ground that the Bidder had disputed its liability to pay or has disputed the quantum of the amount or that any arbitration proceeding or legal proceeding is pending between Bidder and AGM, BSNL, Tamilnadu regarding the claim.
- a. We, the Bank further agree that the guarantee shall come into force from the date of its issue and shall remain in full force and effect up to its Validity date.
4. The Bank further agrees that the Assistant General Manager, BSNL, Tamilnadu Circle, shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said agreement or to extend the time for performance of the said agreement from any of the powers exercisable by Assistant General Manager, BSNL, Tamilnadu Circle, against the Bidder and to forebear to enforce any of the terms and conditions relating to the said agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to Bidder or through any forbearance, act or omission on the part of Assistant General Manager, BSNL, Tamilnadu Circle or any indulgence by BSNL to Bidder or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of relieving or discharging the guarantor.

Signature of the bidder

5. Notwithstanding anything herein contained;
  - (a) The liability of the Bank under this guarantee is restricted to the P.G. Amount and it will remain in force up to its Validity date.
  - (b) The guarantee shall stand completely discharged and all rights of the Assistant General Manager, BSNL, Tamilnadu Circle under this Guarantee shall be extinguished if no claim or demand is made on us in writing on or before its validity date.
6. In case 1 Principal General Manager, BSNL, demands for any money under this bank guarantee, the same shall be paid through banker's Cheque in favour of "AO (Cash), O/o Principal General Manager, BSNL, Tirunelveli.
7. The Bank guarantees that the below mentioned officer who have signed it on behalf of the Bank have authority to give this guarantee under its delegated power.

Place: .....

Date: .....

(Signature of the Bank

Officer) Rubber stamp of the

Authorized Power of Attorney Number:

bank

.....

Name of the Bank officer:

.....

Designation: .....

Complete Postal address of Bank:

.....

Telephone Numbers:

.....

Fax numbers: .....

Signature of the bidder

**ANNEXURE-VII**

**LETTER OF AUTHOURISATION**

(To be typed preferably on letter head of the

company) Subject: Authorization for attending Bid opening

I/We, Mr./Ms.....have submitted our bid for the tender no.

..... in respect of..... (Item of work) which is due to open on .....(date) in the Meeting Room,

O/o.....

We hereby authorize Mr. / Ms. ....& Mr. /Ms ..... (alternative) whose signatures are attested below, to attend the bid opening for the tender mentioned above on our behalf,.....

Signature of the Representative .....  
Name of the Representative.....

Signature of the alternative Representative.....  
Name of the alternative Representative.....

Signature of Bidder/ Officer authorized to sign on behalf of the Bidder

Above Signatures

Attested Note:

1. Only one representative will be permitted to attend the Bid opening
2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not received.

Signature of the bidder

**ANNEXURE-VIII  
AGREEMENT [DRAFT]**

This Deed of Agreement is made on this day of ..... Year between the Principal General Manager, B S N L., in charge of Tirunelveli BA, on behalf of Bharat Sanchar Nigam Limited, Herein called the "BSNL" which expression shall, unless excluded by or repugnant to context, include his successors and assignees or any other officer nominated by him or by the Chief General Manager Telecom, Tamilnadu Circle, BSNL [ CHENNAI ] of the first part and M/S----- represented by ..... having the registered office at herein after called the "Contractor" or Successful tenderer /vender[Which] expression shall wherever the context so admits include their successors and assignees also of the second part whereas the BHARAT SANCHAR NIGAM LIMITED is desirous of appointing the said contractor for the **“Outsourcing of the maintenance of Optic Fiber Cables and Transmission systems in Tirunelveli BA for Two Years”** are hereby invited by the Assistant General Manager Telecom, BSNL, Tamilnadu Circle, which comprise of all parts of Tirunelveli, Tenkasi & Tuticorin Revenue District for a period.....

1. During the contract period the BSNL has every right to terminate the contract at any time with 15 days of notice.
2. Attending all breakdown Faults as and when reported and cleared.
3. The optical Fiber/System should be checked for the proper working after attending the Fault.
4. All the Fibers to be checked with DDF for proper working if faults attended in a OFC cable.
5. Faults register should be maintained and get signature from the officer/official for attending the faults who will order the faults.
6. Reinstatement work should be done properly after completing the cable Faults.
7. Necessary identity cards should be issued by the contractor to the servicing personnel for getting entries to the concerned Telephone exchanges / offices/sub premises.
8. All OF cables needed will be supplied by BSNL and the balance cables if not utilized should be returned to the Office/official who will issue the stores and for that a separate register to be maintained.
9. Packing and freight charges if any for taking out and return shall be borne by the contractor.
10. Bill for service rendered shall be prepared in Triplicate duly indicating the GSTIN Number.
11. Fault attending and restoration of System should be done to the satisfaction of the Officer/Official ordered.
12. Prompt action (within 1 hour in city and 3 hours in Rural) is to be taken on receipt of instructions (by call or by SMS or Whatsapp or E-mail) from concerned officer regarding manual assistance in rectification of faults in cable route/BTS site/Exchange. In case of no action is taken within accepted time limit, penalty per hour at the rate of Rs 50/- per hour per cable  
Signature of the bidder

route/BTS site/Exchange will be levied.

13. Liquidated Damages (Applicable to Part-B of the tender):- If the contract or fails to complete the work within 3 days from the date of issue of work order, BSNL shall be entitled to recover 0.5% of the value for each day of delay or part thereof for a period upto 10 (Ten) days and thereafter at the rate of 1.0% of the value of the delayed quantity of the works or part thereof for another 10 (Ten) days, subject to a maximum of 15% of the bill amount and failure to deliver will result in forfeiture of entire security deposit.
  
14. Total penalties for network maintenance under Package-A shall be capped at 15% of invoice value of maintenance work.



**SIGND BY THE SAID CONTRACTOR  
IN THE PRESENCE OF WITNESS**

**ANNEXURE-IX****E- PAYMENT MANDATE FORM**

To

Principal General  
Manager, BSNL

Sir Tirunelveli

,  
Kindly pay any amount due to me/ us to our Bank Account as detailed below either by Electronic Clearance/Electronic Fund Transfer mode and the payments shall continue to be made in my/our below mentioned account till a change is requested by me/us. The Service Charges, if any, levied by the bank will be borne by me/us. I/We also declare that the particulars given below are correct and complete. If the transaction is delayed or not effected at all for incomplete information, I/we would not hold BSNL responsible.

Name & Signature of the  
Authorised signatory with  
seal

Date:

1	Name of the Tenderer/Company/Firm	
2	Address	
3.	Name of the Bank & Branch	
4	Name of the Account Holder	
5	Branch Code	
6	Bank IFSC Code	
7	Type of Account	
8	Account Number	
9	Bank Address	
10	Bank Telephone Number(& Code)	

**(To be filled in by the Bank Authorities)**

Certified that the particulars furnished above are correct as per our records

Bank Seal  
Manager/Authorised Officer Date:

Signature of the

Signature of the bidder



**ANNEXURE-X****CHECK LIST**

Sl. No	Documents to be enclosed	Yes/No
1.	Attested copy of certificate of registration of the firm or registered partnership deed in case of partnership firms (LLP) or attested copy of certificate of incorporation in case of Ltd., company or MSME certificate in case of proprietary firms or other registration certificate under applicable acts.	
2.	Valid MSME registration certificate if applicable	
3.	Proof for Cost of Tender form as per NIT Page No. 1 if applicable	
4.	Bid Security Declaration as per Annexure XVI	
5.	Annual turnover certificate of 30% of yearly estimated cost of the tender during any one of the last three consecutive financial years from any telecom or related business. The bidders shall be required to support claims of the financial qualifications through their audited financial statements duly certified by their CA.	
6.	Labour License issued by the labour Enforcement office/Ministry of labour if available or declaration for submission of the same within one month from the date of award of work if applicable.	
7.	EPF Registration certificate or Form-5A(if applicable or declaration)	
8.	ESI Registration certificate(if applicable or declaration)	
9.	GST Registration Certificate or declaration as applicable	
10.	No near relative certificate from each partner in case of partnership firm and from each director in case of Ltd company	
11.	Letter of authorization	
12.	Bidder's profile	
13.	The bidder or the workers engaged/supplied by them shall have a minimum experience of executing works for one year related to Telecom or any related business of any telecom service provider (holding service license) in any one of the last three financial years.  Bidder shall support claims of their required experience through certificates issued by any executive with the approval of AGM rank officer, in case of PSU's or with approval of Circle head, in case of private TSP's.	
14.	Self declaration stating that the tenderer is not blacklisted by GST authorities.	
15.	Self declaration that the bidder is not black-listed for Telecom business by any Central/State Governments/PSU's in India at the time of submission of the bid.	
16.	PAN card and Latest IT Return for the last three FY 2020-2021, 2021-2022 and 2022-2023	
17.	BID form	
18.	E-Payment mandate form	
19.	All pages of the Tender Document to signed by the bidder(Online only enough)	
20.	Solvency Certificate for Rs. Ten lakhs from the Banker of the tenderer	
21.	General Power of attorney in favor of the signatory signing the tender documents , if applicable	
22.	Declaration Certificate of Principle of Buying	
23.	Declaration- No Modification in Tender Document	
24.	Deed of iNdeminuty Declaration	

Signature of the bidder

**ANNEXURE-XI**

(Deleted)

**ANNEXURE-XII****Vendor Information Updation form**

Vendor name(Legal Entity Name)				
Constitution of business	Select	Others(please specify)		
Communication Address				
State				
PAN				
Vendor Type	Select	If Others (please specify)		
GST registration Status	Select			
Registration migration status(GST)	Select			
Existing Tax registration number (Please specify)				
Contact person				
Designation				
Telephone Number				
Fax No				
E Mail ID				
Bank Details				
Name of Bank				
Name of Branch				
Branch Address				
Swift Code				
Account Number				
Account Name				
In case if registered, provide the following information for all the registrations:				
Total no of GST registration(PAN India)				
For each of the registrations, kindly provide the following information				
Registration for state 1				
Date of registration		GSTIN/UN no.		
Registered Address				
PIN Code		State Name	State Code	
Composition scheme availed				
Declaration by	Name			
	Designation			
	Date:			
Registration for State2 ( if applicable) (Please add field for other states in the form if applicable)				
<b>Date of Registration</b>		GSTIN/UN		
<b>Registered Address</b>				
<b>PIN Code</b>		State name	State Code	
<b>Composition scheme availed</b>				
<b>Declaration by</b>	Name			
	Designation			
	Date:			
<b>Declaration by</b>	Name			
	Designation			
	Date:			
Note: Please provide a copy of document evidencing provisional GSTIN ID issued by GSTN				
Note: In case you have multiple registration, please copy row <b>34 to 41</b> and insert the details				

Signature of the bidder

**ANNEXURE-XIII  
VENDOR FORM**

Sl.N o	Particulars	
1.	Vendor Code	
2	Vendor Name	
3	Type of Vendor ie. Whether registered or unregistered	
4	State wise registration addresses of the Vendor (in case vendor has multiple state operation)	
5	State of registration along with Pin code	
6	PAN No. of Vendor	
7	GSTIN No. of the registered vendors (if registered in multiple state, listing of all GSTINS under which invoices are raised by vendors)	
8	Status of Vendor, ie. Whether SEZ, EOU, DTA, Government, Local Authority	
9	List of Goods and Services provided by Vendor	
10	HSN Code for goods/ SAC for services supplied by each vendor	
11	GST Compliance rating (optional)	
12	Whether supply is exempt/ non taxable	
13	Whether reverse charge scheme applicable (Yes or No)	
14	Whether compounding scheme applicable (Yes or No) In case purchase is from dealers under composition scheme GST Cost will be inbuilt in supply and vendor will not charge GST Separately	
15	Whether TDS applicable (Yes/ No)	
16	Email address of vendor	
17	Phone no. of vendor	
18	Mobile no. of vendor	

Signature of the bidder

**ANNEXURE-XIV**

<b>E-Tender Financial Bid</b>				
BHARAT SANCHAR NIGAM LIMITED O/o the CGM, BSNL, Tamilnadu Circle, Chennai-600006				
<b>Tender No: TNCO-23/11(11)/22/2024-MM UNIT (NWP-CFA) –CO dated 20.03.2024</b>				
Tender for Outsourcing of the maintenance of Optic Fibre Cables and Transmission systems in Tirunelveli OA for Two Years.				
Name of the bidder/bidding firm/company:				
Applying for Zone		Tirunelveli / Tuticorin / Both		
Sl. No	Item description	To be selected by the bidder Excess(+) or Less(-)	Quote % (Excl. GST) (Figures) To be entered by the bidder	Quote % (in words) (Excl. GST) (Figures) To be entered by the bidder
1.	<b>Package - A Maintenance works for OFC cables and Transmission systems</b>	Excess(+) or Less (-)		
2.	<b>Package - B Supplying of materials required for the mentioned works in the financial schedule.</b>	Excess (+) or less (-)		

Financial bid through **ONLINE** only

Signature of the bidder

<b>E-Tender Financial Bid</b>				
BHARAT SANCHAR NIGAM LIMITED O/o the CGM, BSNL, Tamilnadu Circle, Chennai-600006				
<b>Tender No: TNCO-23/11(11)/22/2024-MM UNIT (NWP-CFA) –CO dated 20.03.2024</b>				
Tender for Outsourcing of the maintenance of Optic Fibre Cables and Transmission systems in Tuticorin OA for Two Years.				
Name of the bidder/bidding firm/company:				
Applying for Zone		Tirunelveli / Tuticorin / Both		
Sl. No	Item description	To be selected by the bidder Excess(+) or Less(-)	Quote % (Excl. GST) (Figures) To be entered by the bidder	Quote % (in words) (Excl. GST) (Figures) To be entered by the bidder
1.	<b>Package - A Maintenance works for OFC cables and Transmission systems</b>	Excess(+) or Less (-)		
2.	<b>Package - B Supplying of materials required for the mentioned works in the financial schedule.</b>	Excess (+) or less (-)		

Financial bid through **ONLINE** only

Signature of the bidder

**ANNEXURE-XV**

**Undertaking & Declaration**

**Declaration regarding firm has not been blacklisted:**

I,.....S/o.....r/o hereby certify that we are/were not any under penal action of blacklisting and / or barred from participating in tender by any BSNL unit or any other Govt./Autonomous body/PSU. In case at any stage, it is found that the information given by me is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me.

Date:.....

Place:.....

Signature of Tenderer  
Name of Tenderer.....  
Along with date & Seal

**ANNEXURE-XVI**

**BID SECURITY DECLARATION  
(TO BE SUBMITTED BY THE BIDDER)**

I/We hereby undertake that, if our firm is selected as L1 bidder and fails to deposit the performance security or refuses to accept the tender then our firm is liable to be barred for one year in participation of any tender floated by BSNL.

I/We also hereby undertake that the information furnished above is true, complete and correct to the best of my knowledge and belief. I understand that in the event of my information being found false or incorrect at any stage, my candidature / bid offer/contract agreement shall be liable to cancellation / termination without notice or any compensation in lieu thereof. I will have no objection for that.

Dated:

Authorised Signatory:

Name :-

Seal :-

Signature of the bidder

**ANNEXURE- XVII**  
**CERTIFICATE FOR FUNDAMENTAL PRINCIPLES OF PUBLIC BUYING**

I/We \_\_\_\_\_ have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India as per guidelines/instructions issued by Public Procurement Division, Department of Expenditure, Ministry of Finance vide FNo:6/18/2019-PPD dated 23.07.2020.

I/We certify that

(a) My/our firm \_\_\_\_\_ is not from such a country.

**OR**

(b) My/our firm \_\_\_\_\_ is from such a country and has been registered with the Competent Authority as per the said guidelines. [Evidence of valid registration by the Competent Authority shall be attached.]

I/ We hereby certify that my/ our firm fulfills all requirements in this regard and is eligible to be considered.

I / We hereby covenant and declares that if this certificate whose bid is accepted is found to be false, this would be a ground to debar tender offer/ cancel the LOA/ Purchase/ work order if issued and forfeit the EMD/ SD/ Bill amount pending with BSNL. In addition, BSNL may debar the contractor from participation in its future tenders and further legal action in accordance with law.

Note: Copy of above said letter is available on official website of Department of Expenditure, Govt of India. Relevant link is as under for ready reference. <https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf>  
Date:.....

Signature of Tenderer.....

Place:.....

Name of Tenderer.....

Along with date & Seal

Signature of the bidder



ANNEXURE-XVII

**NO MODIFICATION OF DOCUMENT CUM UNDERTAKING  
(To be produced in company's letter head)**

I/We M/s .....hereby declare that no addition/deletion/corrections have been made in the downloaded Tender Document being submitted and it is identical to the Tender document appearing on the website.

I, \_\_\_\_\_, hereby certify that I have gone through the tender documents fully and I have understood the conditions therein.

Place:

Date:

\_\_\_\_\_

***Signature of the Contractor:***

***Name in block letters:***

***Address:***

ANNEXURE- XIX  
**DEED OF INDEMNITY**

This **DEED OF INDEMNITY** is executed on this the ....., by

1. <<**Name of the Bidder**>>, a company/ firm registered under the ..... (Applicable acts, as the case may be) (Hereinafter referred to as the **Bidder**) and having its registered office at <<Address of the Bidder>> acting through << Authorized Signatory>> is hereinafter, for the purposes of this Deed of Indemnity.

**TO AND IN FAVOUR OF**

**Bharat Sanchar Nigam Limited**, through the ..... BSNL ..... Office (herein after referred to as the **Purchaser** which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include its authorized representatives and permitted assigns) **on the Other Part.**

**WHEREAS**

- (a) The Purchaser had invited bids *vide* their Tender Enquiry No.....(hereinafter referred to as 'Tender') for the purpose of .....
- (b) The Bidder had submitted its bid/ proposal dated \_\_\_ (hereinafter referred to as the 'Bid') for the provision of such services in accordance with its proposal as set out in its Bid and in accordance with the terms and conditions of the Tender.
- (c) The Bidder has in order to comply with the terms of the Tender agreed to execute the Deed of Indemnity on such terms and conditions more fully mentioned below.

**NOW THIS DEED OF INDEMNITY WITNESSETH AS FOLLOWS:**

1. The Bidder shall, in consideration of the Purchaser making payment under and in accordance with the Tender Document, hereby agrees to indemnify the Purchaser against any costs, loss, damages and claims from third parties or liabilities suffered by the Purchaser and directly arising out of the following reasons:
  - a. Any illegal or unauthorized use or in connection with any claim or proceedings relating to any breach or violation of any permission/license terms by the Bidder or any of its sub-contractor in the process of fulfillment of required obligations during contract period.
  - b. The Bidder shall protect, defend, indemnify and hold harmless to BSNL and its employees from and against any and all liabilities, damages, fines, penalties and cost (including legal costs and disbursements) arising from:
    - I. Any breach of any statute, regulation, direction, orders or standards from any Governmental body, Agency or regulator

Signature of the bidder

issued with respect to the product /services being supplied/provided under this Tender.

- II. Any claim made by third parties arising out of the use of the services of BSNL being provided using the equipment/services supplied under the Tender to the extent these are attributable solely to the poor quality or non-compliance of the products/services to the respective specifications.
  - III. Any claims arising from other utility / service providers in connection with interruptions or degradation of their services due to services provided by bidder under this Tender.
2. The bidder also declares that in case bidder is blacklisted by GST Authorities in future & which results in loss of Input Tax Credit (ITC) to BSNL, then BSNL shall have right to recover any such loss of ITC arising on account of such black-listing.
  3. This Deed of Indemnity shall stand terminated on expiry of or early termination of the contract period as envisaged in the above said Tender requirement.
  4. The Deed of Indemnity shall constitute the entire indemnity provided by the Bidder for the indemnities asked in said Tender.
  5. This Deed of Indemnity shall be governed by and construed in accordance with Indian law.

**(Authorized Signatory)**

**Date:**

**Place:**

**<< Name of the Bidder >>**

**Witness 1:**

**Witness 2:**