



Bharat Sanchar Nigam Limited
(A Govt. of India Enterprise)

DE TXI, VI FLOOR, FBR TELEPHONE EXCHANGE BUILDING
NSC BOSE ROAD CHENNAI-600 001
Telephone No 044-25396900

BID DOCUMENT

E-Tender document for Laying PLB pipe/ Duct, Optical Fibre Cable Pulling/Blowing and Associated works by Trenchless Technology, for Chennai Telephones District inclusive of CPT SSA

E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021

BID DOCUMENT**TABLE OF CONTENTS****Date of Tender Opening: 22.04.2021****Validity of bids: 180 days****Part-A: Qualifying Bid**

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SECTION-I

DETAILED NOTICE INVITING TENDER

E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021

Ad. notice no- **E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021**

Digitally sealed E-tenders (Digitally Signed) ,for fixing rate contract are invited by DE TXI, Chennai Telephones, in Single Stage Bidding and Two stage Opening using two Electronic Envelopes [Techno-Commercial (Qualifying Bid) & Financial Bid] for and on behalf of BSNL from the experienced contractors, for the following works:

1. **Name of work:** Optical Fiber Cable Construction work using Trenchless Technology method.
2. **Scope and Jurisdiction of Work:** The scope and particulars of work put to tender are given in the Table below-

SI No	Name of the Route/Area	Approximate OFC Route Length in Kms	Estimated cost of works (in Rs)	Price of Bid Document (in Rs)	Bid Security/ EMD (in Rs)
1.	Optical Fiber Cable Construction work using Trenchless Technology method in Chennai Telephones District inclusive of CPT SSA	40 KMs	2,24,69,020 /- plus Applicable GST	2,360/- (inclusive of GST)	Bid Declaration Certificate to be submitted

Note-1: “ The quantities stipulated in the tender are estimated and the BSNL reserves the right to vary the value of works to the extent of -25% to + 25% of contract value during contract period at the same rates and terms & conditions with prior approval of the tender approving authority.

However, **in exceptional circumstances only**, due to change in scope of work or otherwise, any variation in the value of work may be permitted upto 50% of contract value with prior approval of the next higher authority after recording adequate reasons and justification for the same”.

Note-2: There is no restriction on the number of tenders a bidder can participate. Bidders who have been rescinded /debarred by Tendering authority/Higher BSNL Unit as the case may be including for reasons for failing to sign necessary agreement with the concerned Tendering authority in stipulated time on earlier occasions, will not be eligible to participate in the tender for the same work.

Note-3: For participating in e-Tendering process bidder shall access e-Bid document uploaded on the E-Tender portal and pay requisite tender processing fee as defined for the tender by E-Tender service provider.

3. **Eligibility Criteria:** For participating in the tender, the tenderer should meet the following eligibility criteria:
 - i) Clear ownership or taken on lease of atleast one 7 ton HDD machine.
 - ii) The tenderer who possess experience of having successfully completed the **Optical Fiber Cable Construction works** in BSNL/MTNL/TCIL/ITI/Rites/Hindustan Cables Limited (HCL)/ PGCIL/ Rail Tel/ any other Govt. (Central/ State) undertaking and Private Telecom Operators having mandate to carry out OFC construction work or the PSUs directly themselves and who also have received the payment for such completed works to the extent as mentioned below, are eligible to participate in the tender:

For an amount equal to at least 90% of estimated cost of work put to tender during last 5 Financial years plus the subsequent period ending the month preceding the one in which NIT is issued.

OR

For an amount equal to at least 120% of estimated cost of work put to tender during last 7 Financial years plus the subsequent period ending the month preceding the one in which NIT is issued.

- iii) The tenderer whose near relative(s) is/are employed in BSNL, is not eligible to participate in the tender, as per limitations mentioned in Annexure-A.
- iv) Contractor should have the valid EPF registration certificate on the date of issue of NIT.
- v) Contractor should have the valid ESI registration certificate.
- vi) Contractor should have the valid GSTIN registration certificate.
- vii) The bidder should have Valid PAN No.
- viii) A self- declaration alongwith the evidence that the bidder is not black listed by GST/BSNL authorities and MTNL /TCIL /ITI/RITES /HCL/ PGCIL/ RailTel/ any other Govt. (Central/State) undertaking as the case may be. In case of multiple GST numbers, all the numbers to be provided as Annexure.
- ix) In the case of MSE (Micro and small enterprises) units the bidder should declare UAM number (Udyog Aadhar Memorandum) on CPPP portal.
- x) The bidders who fail to submit UAM number shall not be able to avail the benefits (**exemption from tender fee**) available to MSEs as contained in Public procurement policy for MSEs order, 2012 issued by MSME. The undertaking regarding submission of UAM number on CPPP portal is to be uploaded online.

Note 1 : The experience of having successful completion of OF cable construction works is to be reckoned in terms of payment received for such works during the above said periods.

Note 2: The Experience should be of Optical Fiber Cable construction work only and does not include any other work like Poleless/Up-gradation/Maintenance works of External Plant/UG Cable (Copper) etc.

Note 3: The experience certificate for carrying out the works and amounts received should be in the prescribed pro-forma and the certificate should be under the signature of officer responsible for maintaining the contractor's ledger e.g. Asst.GM/AO (Cash)/DDO or equivalent officer of the concerned PSU i.e. BSNL/ MTNL/ TCIL/ ITI/ Rites/ HCL/ PGCIL/ Rail Tel/ any other Govt. (Central/ State) undertaking as the case may be.

Note 4: In case, supplier gets black-listed during the tenure of BSNL contract, then BSNL has the right to recover the Input Credit Loss suffered by it due to any default by the vendor. Of late, big Govt. contracts are being carried out by the Public Sector Undertakings mentioned herein through a chain of contractors. In such case, the experience certificate, if issued, in favor of a contractor, in the chain, by such PSUs in the prescribed format shall be acceptable.

4. **Period of contract:** The period of this contract will be **one year** from the date of agreement. However, the BSNL reserves the right to extend the contract further, in terms of six months or less, up to one year on the same rates, terms & conditions, which shall be binding on the contractor.

5. Date of sale of tender document, Last date of submission of bid, Date of opening of Bids

Availability of tender Document Online on e-tendering portal	Deadline for Submission of Physical Envelope to BSNL (office name) and e-Bids Online on e-tendering E tender portal	Date & Time of opening of Physical Envelope	Date of Opening of Bids Online	
			Qualifying Bid	Financial Bid
From 09.04.2021 to 29.04.2021 up to 11.25 hrs	Upto 11:25 hrs of 29.04.2021	At 12:00 hrs on 30.04.2021	At 12:00 hrs of 30.04.2021	To be notified later

Note: The Price of bid document along with GST shall not be refundable.

6. If the date of opening of the bids happens to be holiday, the tenders will be opened on the next working day at the same time and the same venue.
7. The tender is invited through **e-tendering process** through the e-tender portal <https://etenders.gov.in/eprocure/app>. Kindly refer Section-VI of Tender document for further instructions on e-tendering. Prospective bidders should get their registration done well in time on the e-tender portal and obtain the Digital Signature Certificate (DSC) from authorized CA, which is essential for participating in the tendering process. This link can also be visited using BSNL website (by clicking the link for e-tendering on the home page).
8. Tender will not be accepted/received on the e-tendering portal after due date and time. The officer in charge BSNL reserves the right to reject any or all tenders without assigning any reason whatsoever.
9. As the tender is invited through e-tendering process, **physical copy of the tender document would not be available for sale**. The bidder needs to download the tender document using the link as mentioned above.
10. All the documents in Qualifying Bid –Part-A and Financial bid-Part B are to be uploaded in the respective electronic envelopes/parts on e-tender portal including proof of deposit of cost towards e-payment DD/Banker's Cheque/ towards cost of tender Document.
11. **Last date and time of submission of tender document:**
- (i) **Date & Time of submission of Tender bids online on or before 29.04.2021 upto 11:25 hrs.**
- (ii) **Envelope containing offline document should be submitted on or before 11:25 hrs on 29.04.2021**
- (iii) **Date and time of opening of Tender: 30.04.2021 at 12:00 hrs.**
12. The units registered under single point registration scheme of NSIC /MSE units for OF Cable laying works are exempted from depositing the price of tender document. Such bidder shall have to upload the document in proof of registration of valid NSIC/MSE for carrying out OFC work along with bid document.

13. The successful bidder including NSIC/MSE bidder shall submit an equivalent to 3% of the tender approved value in the form of Performance Bank Guarantee (PBG). The bidder will also submit material security (BG) as per letter of intent.
14. If a vendor registered with body specified by Ministry of Micro, small and medium enterprise claiming concessional benefits (such as exemption from Tender Fee) is awarded work by BSNL and subsequently fails to obey any of the contractual obligation, he may be debarred from any further work /contract by BSNL for one year from the date of issue of such order and MSME authority issuing the certificate shall also be informed for taking suitable action.

Note: All documents submitted in the bid offer should preferably be in English. In case the certificate viz. Experience, Registration, etc. is issued in any language other than English, the bidder shall attach an English translation of the same duly attested by the bidder and the translator to be true copy in addition to the relevant certificate.

Divisional Engineer TXI
Chennai Telephones
044-25396900

----- END OF SECTION-I -----

SECTION II

BID FORM

E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021

To

DE TXI, VI FLOOR,
FBR TELEPHONE EXCHANGE BUILDING
NSC BOSE ROAD
CHENNAI-600 001

Dear Sir,

Having examined the terms & conditions of bid document and the specifications including Addendum/Corrigendum (if any), the receipt of which is hereby duly acknowledged, we, the undersigned, hereby submit our offer to execute the work of Optical Fiber Cable construction work stipulated against this DNIT in conformity with said drawings, terms & conditions of contract and specifications.

We undertake, if our Bid is accepted, we will execute the work in accordance with specifications, time limits & terms and conditions stipulated in the tender document.

If our Bid is accepted, we shall submit the securities as per the conditions mentioned in the contract.

We agree to abide by this Bid for a period of 180 days from the date fixed for Qualifying Bid opening and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

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.

Bid submitted by us is in full compliance of the requirements of e-tendering.

Dated this day of (the year)

Signature of Authorized Signatory

In capacity of

.....

Duly authorized to sign the bid for and on behalf of

Witness

Address

Signature

----- **END OF SECTION-II** -----

SECTION III
TENDERER'S PROFILE

General:

- 1. Name of the tenderer / firm_____
- 2. Name of the person submitting the tender whose photograph is affixed and who possesses the Digital Signature Certificate (DSC).
 - (a) Shri/Smt_____
 - (b) DSC Issuing Agency.....

Paste Color Passport size photograph of the tenderer / authorized signatory holding power of Attorney and having Digital Signature Certificate. Photograph should be self-attested

(In case of Proprietary / Partnership firms/Company, the tender has to be digitally signed by Proprietor /Partner(s)/authorized signatory only, as the case may be)

- 3. Address of the firm
.....
.....

- 4. Correspondence Address
.....
.....

- 5. Tel.no.(with STD code) (O)..... (Fax).....(R).....

- 6. Mobile No: ----- email-id:-----
(Note: These contact details shall be used to communicate with the tenderer / contractor and any communication sent there on shall be taken as proper communications under this contract)

- 7. Registration & incorporation particulars of the firm(Tick as applicable):
 - (i) Proprietorship (ii) Partnership (iii) LLP (iv) Private Limited Company
 - (v) Public Limited Company

(Please attach attested copies of documents of registration/incorporation of your firm with the competent authority as required by business law)

- 8. Name of Proprietor/ Partners/ Directors
.....
.....

9. Tenderer's Bank Details:

- a. Name of Bank.....
- b. Name of Branch.....City.....
- c. Branch Code.....
- d. IFSC Code.....

10. Permanent Income Tax Account Number (PAN),

Income Tax circle.....

11. EPF registration number.

12. ESI registration number.....

13. GSTN Registration Number(s) of all units/business places of the bidder vide which he intends to execute the contract, if awarded.

GSTN 1.....

GSTN 2.....

GSTN 3..... and so on

14. Whether Micro or Small Enterprises (MSEs)? (Yes/No):.....

If Yes, the purpose of Business for which registered.

Validity: from..... to.....

Monetary Limit.....

Type of Work

15. Infrastructural capabilities of the bidder:

I. **Tools and Machinery infrastructure**

- a) Capacity of trenching per day (in meters).....
- b) Capacity of PLB pipe laying per day (in meters).....
- c) Capacity of pulling cable through duct / pipe per day (in meters).....
- d) Availability of HDD machine
(Owned.....Capacity.....
Leased).....Capacity.....
- e) Particulars of vehicles available with the tenderer:

Type of Vehicles(s)	Registration number
.....
.....

II. **Man power**

f) No of trained supervisors -----

g) No. of Trained splicers -----

h) Capacity of engaging mazdoors per day

Place: Signature of tenderer / Authorized signatory.....

Date: Name of the tenderer.....

Seal of the tenderer

----- **END OF SECTION-III** -----

Section IV

INSTRUCTION TO BIDDERS

A. INTRODUCTION:

1. DEFINITIONS

The **BSNL** means Bharat Sanchar Nigam Limited, the company with Chairman & Managing Director and Board of Directors, with Head Quarter at New Delhi.

All references of :

Department

Chief General Manager

Principal General Manager

Sr. General Manager/ General Manager

Addl. General Manager/ Joint General Manager

Deputy General Manager

Divisional Engineer

Sub Divisional Engineer

Junior Telecom Officer

Chief Accounts Officer

Accounts Officer

Junior Accounts Officer

Including other officers in the BSNL, whatever designations assigned to them from time to time, who may be the in-charge of direction, supervision, testing, acceptance and maintenance including their successor(s) in the office appearing in various clauses shall be taken to mean the BSNL, an enterprise, under the Ministry of Communications and Information Technology, Government of India.

- b. The jurisdiction of GM/Addl.GM/ DGM/DET shall mean the territorial area under their control for the purpose of administration and management of the projects and other associated functions.
- c. Representative of GM/Addl.GM/ DGM / DET means Officer and staff under their control for the time being deputed for supervising the work or testing etc.
- d. Engineer – in – charge: The Engineer – in – charge means the Engineering Officer nominated by the GM/Addl.GM/ DGM to supervise the work, under the contract. (Minimum Divisional Engineer level officer to be nominated while approving the work order).
- e. Site Engineer: Site Engineer shall mean JTO/SDE of the BSNL who may be placed by the work order issuing authority for supervising the work.
- f. A/T Unit: A/T unit shall mean Acceptance and Testing unit of the BSNL.
- g. A/T Officer: An officer authorized by BSNL to conduct A/T.
- h. The words bidder and tenderer have been used interchangeably.
- i. Contract: The term contract means, the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the BSNL and the contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time, by the engineer in-charge and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.
- j. Contractor: The contractor shall mean the individual, firm or company, approved to undertake the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
- k. Work: The expression “works” shall unless there be something either in the subject or context repugnant to such construction be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original, altered, substituted or additional.

- l. Schedule(s): Schedule(s) referred to in these conditions shall mean the relevant schedule(s) or the standard schedule of rates mentioned in the document.
- m. Site: The site shall mean the land / or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which, the work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
- n. Normal time or stipulated time: Normal time or stipulated time means time specified in the work order to complete the work.
- o. Extension of Time: Extension of Time means the time granted by the BSNL to complete the work beyond the normal time or stipulated time. The EOT may be with/without Liquidated damages as may be decided by the competent authority.
- p. Date of Commencement of work: Date of commencement of work means the date of actual commencement of work or 7th day from the date of issue of work order, whichever is earlier.
- q. Due date of completion: Due date of completion shall be the date by which the work shall be completed at site including clearance of site.
- r. Duration of completion of work: The duration of completion of work or completion time shall be time specified in the work order plus extension of time granted, if any.
- s. Excepted risk: Excepted risk are risks due to war (whether declared or not), invasion, act of foreign enemies, hostilities, civil war, rebellion, revolution, insurrection, military or usurped power, any acts of Government damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods and other causes over which, the contractor has no control and the same having been accepted as such, by the Accepting Authority or causes solely due to use or occupation by the government of the part of the work, in respect of which a certificate of completion has been issued.
- t. Extra work: as used herein any work or compliance with any requirements, other than a change, which is not expressly or impliedly contemplated by the contract documents, and which is necessary to be performed for the proper completion of the contracted work. For the purpose of clarifications, it is declared that, any work or operation which shall be necessarily incidental to the proper performance of any item of work or part there of shall be deemed to have been by implication provided for in the relevant item of work or part thereof and shall not constitute extra work.

2. **ELIGIBILITY OF BIDDERS:-**

- (i) The invitation of bids is open to all bidders as per the eligibility mentioned in DNIT of this tender document.
- (ii) The experience certificate for carrying out the works and amounts received should be in the prescribed pro-forma and the certificate should be under the signature of officer responsible for maintaining the contractor's ledger e.g.AGM/AO (Cash)/DDO or equivalent officer of the concerned PSU i.e. BSNL/ MTNL/ TCIL/ ITI/ Rites/ HCL/ PGCIL/ Rail Tel/ any other Govt. (Central/ State) undertaking and Private Telecom Operators as the case may be.

Of late big Govt. contracts are being carried out by the Public Sector Undertakings mentioned herein through a chain of contractors. In such case, the experience certificate, if issued, in favor of a contractor, in the chain, by such PSUs in the prescribed format shall be acceptable.

B. THE BID DOCUMENT

3. **BID DOCUMENT:**

- 3.1 The construction work to be carried out, goods required, bidding procedures and contract terms are prescribed in the Bid Documents. The Bid Document include:

3.1.1. **Part-A (Qualifying Bid):**

- 3.1.1.1 Detail Notice Inviting Tender
- 3.1.1.2 Bid form
- 3.1.1.3 Tenderer's Profile

- 3.1.1.4 Instruction to Bidders
- 3.1.1.5 General (commercial) conditions of the contract
- 3.1.1.6 E-tendering Instructions to Bidders
- 3.1.1.7 Special Conditions of Contract
- 3.1.1.8 Important Instructions
- 3.1.1.9 Scope of Work and jurisdiction of the contract
- 3.1.1.10 Material Security Bond Form / Proforma for BID Security Declaration and Performance BG
- 3.1.1.11 Proforma of Agreement
- 3.1.1.12 Standard Schedule of Rates
- 3.1.1.13 Annexure-A Near Relative Certificate.
- 3.1.1.14 Annexure-B Experience Certificate.
- 3.1.1.15 Annexure-C Declaration about Genuineness of Documents/Certificates
- 3.1.1.16 Sample Application of Depth of Deviation
- 3.1.1.17 Rate of empty cable drum
- 3.1.1.18 OFC Construction Manual
- 3.1.1.19 Broad details of work put to tender

3.1.2 Part-B (Financial Bid)

- 3.1.2.1 Schedule for Quoting the Rates

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

4. **QUERIES ON BID DOCUMENT:**

A prospective bidder, requiring any clarification of the Bid Documents shall notify the tender issuing authority in writing at the e-mail id indicated in the DNIT for Bids. It may be appreciated that such communications is preferably done through e-mail only as any other mode of communications may result in delay for which BSNL shall not be responsible. The tender issuing authority shall respond in writing, to the same e-mail id, to any request for clarification of the Bid Documents, which it receives not later than 14 days prior to the date of opening of the bids.

Copies of such queries (without identifying the source) and the clarifications, if any, by the tender issuing authority shall be placed on e-tendering web-site in form of Addendum/ Corrigendum and all such clarifications issued by the tender issuing authority will form part of the bid document.

The format in which the clarifications to be sent

Sl no	Section	Clause	Brief description of the clause	Ref Page no in Bid	Comments of Bidder

5. **AMENDMENT OF BID DOCUMENT:**

At any time, prior to the date for submission of bids, the tender issuing authority may, for any reason whether suo moto or in response to a clarification requested by a prospective Bidder, modify the bid documents by amendments. Queries/clarifications sought up to **fourteen days** prior to date of bid submission shall be entertained. Any query/clarification sought less than fourteen days prior to bid opening date shall not be considered for reply/clarification.

The amendments shall be notified in writing to such prospective bidders who seek clarifications on their mail id, besides uploading the same on e-tendering e tender portal.

In order to afford prospective bidders reasonable time to take the amendments into account in preparing their bids, the tender issuing authority may, at its discretion, extend the deadline for the submission/opening of bids suitably.

All the amendments/corrigendum/addenda/extension of date(s) shall be published only on e-tendering website i.e. <http://etenders.gov.in.eprocure/app>. Therefore, the prospective bidders are advised to visit the website regularly.

C. PREPARATION OF BIDS

6. COST OF BIDDING:

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

7. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION:

The bidder shall submit the following documents online on the e-tender portal (along with the Qualifying Bid) for establishing the bidder's eligibility which are mandatory:

List of Documents to be submitted OFFLINE for eligibility to open ONLINE Technical Bid Folder'
1. Tender fee (Exempted for MSME Vendors)
2. Bid Security Declaration certificate in original
3. Registered Power of Attorney (duly registered with sub registrar)/Resolution of Board of Directors, authorizing individual(s) including the person with whose DSC the tender is submitted on e-tendering portal (if and as applicable).
4. Attested copy of Latest and Valid MSE/NSIC Certificate duly certified by MSME/NSIC if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC/ST category, proof in this regard also need to be submitted along with UAM certificate.
5. Original Solvency Certificate <i>For works costing up to Rs. 20 lakhs-solvency certificate should be of Rs. 5 lakhs; For works costing more than 20 lakhs- solvency certificate should be of Rs. 10 lakhs. The solvency certificate shall not be older than 3 months from the date of issue of NIT.</i>
6. Declaration of Genuineness of Documents with signature and Seal.
List of Documents in the 'Technical Bid Folder' to be uploaded on e-tendering portal
1. Scanned copy of the duly filled and signed Bid Form, Section-II of the tender document.
2. Scanned copy of the duly filled and signed Tenderer's Profile, Section-III of the tender document.
3. Attested copy of Latest and Valid MSE/NSIC Certificate duly certified by MSME/NSIC if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC/ST category, proof in this regard also need to be submitted along with UAM certificate.
4. Scanned Copy Demand Draft /Bankers Cheque proof for on line payment of requisite value towards the price of tender document as per DNIT.
5. Scanned Copy of Bid Security Declaration certificate
6. Scanned copy of PAN card
7. Scanned copy of the valid EPF Registration Certificate.
8. Scanned copy of the valid ESI Registration Certificate.

9.	Scanned copy of the valid GSTIN Registration Certificate.
10.	Scanned copy of Solvency certificate from the banker of the tenderer: <i>For works costing up to Rs. 20 lakhs-solvency certificate should be of Rs. 5 lakhs; For works costing more than 20 lakhs– solvency certificate should be of Rs. 10 lakhs. The solvency certificate shall not be older than 3 months from the date of issue of NIT.</i>
11.	Copy of ITR for last three FY (2017-2018,2018-2019 and 2019-2020) and Audited financial statements for FY (2017-2018,2018-2019 and 2019-2020)
12.	Scanned copy of the Experience Certificate(s) as per DNIT in the prescribed pro-forma (Annexure-B).
13.	Scanned copy of the documents, as applicable, in support of registration of the Company/Firm/Proprietorship: <ul style="list-style-type: none"> ➤The registration of the firm, authenticated copy of partnership deed in cases of partnership firm or Certificate of Incorporation in case of the company. ➤Attested copy of Articles of Association duly registered with Registrar of Company affairs, in case of Limited/Pvt. Limited Company . ➤Duly executed Affidavit, stating that tenderer is the sole proprietor of the firm or any document issued by the taxation authorities stating that tenderer is the sole proprietor of the firm, in case of proprietorship firm.
14.	Scanned copy of Registered Power of Attorney (duly registered with sub registrar)/Resolution of Board of Directors, authorizing individual(s)including the person with whose DSC the tender is submitted on e-tendering portal (if and as applicable).
15.	Signed tender document on each and every page without any alternation/ digitally uploaded in PDF format with digital signature of the authorized signatory on the document without any alternation
16.	Scanned copy of No Near relative certificate(s) in the prescribed pro-forma as per Annexure-A.
17.	Scanned copy of duly completed Declaration about Genuineness of Documents/Certificates as per Annexure-C.
18.	A self-declaration along with the evidence that the bidder is not black listed by GST authorities
19.	Proof of ownership or lease of HDD/GPRS machine

Note:

- a) **The successful tenderer has to submit the attested copy of the Labour License, if applicable (to be ascertained by him), within one month of signing the agreement which should remain valid through the entire period of the agreement. No work Order(s) shall be issued to the successful tenderer till he submits the attested copy of the Labour License or an affidavit that he is exempted from securing labour license.**
**The one month period can be extended further by one month/specified duration subject to genuine and special reason submitted by the contractor with proof requesting for additional one month.*
- b) **Tender document(s), duly filled in and signed by tenderer or his authorized representative along with seal on each page. All corrections and overwriting must be initialed with date by the tenderer or his authorized representative.**
- c) **The self-attested copy of required experience certificate issued by officer maintaining the payment ledger of the contractors.**
- d) **A mandatory undertaking from MSE bidders regarding declaration of UAM number on CPPP.**

Self attested copy of all above mentioned documents are required to be uploaded along with the bid otherwise bid will be liable to be rejected.

8. BID SECURITY(EMD):

8.1 The bidder shall furnish ,as part of his bid security ,a BID Security Declaration Certificate as per Proforma given under Section X.

8.2 The bid security is required to protect the BSNL against the risk of bidders conduct, which would warrant the security's forfeiture, pursuant to para 8.4

Note: The MSE bidders are exempted from payment of bid security:

- a) A proof regarding valid registration with body specified by Ministry of Micro, Small & Medium Enterprise for tendered items will have to be attached along with the bid.
- b) The enlistment certificate issued by MSME should be valid on the date of opening of tender.
- c) If a vender registered with body specified by Ministry of Micro, Small & Medium Enterprise claiming concessional benefits (Exemption from Tender cost) is awarded work by BSNL and subsequently fails to obey any of the contractual obligations, he will be debarred from any further work/contract by BSNL for one year from the issue of such order.
- d) MSE (Micro and small enterprises) bidder should declare UAM number on CPPP portal. The bidders who also fail to submit UAM number shall not be able to avail the benefits (Exemption from Tender cost) available to MSEs as contained in Public procurement policy for MSEs order, 2012 issued by Ministry of MSME. A mandatory undertaking from MSME bidders regarding declaration of UAM number on CPPP to be obtained.

8.3 A bid not secured in accordance with para 8.1 shall be rejected by the BSNL as non-responsive.

8.4 The bid security shall be forfeited:

8.4.1 If a bidder withdraws his bid during the period of bid validity specified in the bid document or

8.4.2 If the bidder makes any modifications in the terms and conditions of the tender before acceptance of the tender, which are not acceptable to the BSNL or

8.4.3 In case of a successful bidder, if the bidder fails:

- to sign the agreement in accordance with Section XI, or
- to furnish Material Security in accordance with clause 5 (i) of Section V.
- to observe material terms and conditions stipulated in the tender document including mandatory/ statutory/legal requirements eg. Labour, Taxation laws etc.

9. BID PRICES:

9.1 The bidder shall give the total composite price inclusive of all levies and taxes, packing, forwarding, freight and insurance in case of materials to be supplied and inclusive of all taxes and levies but exclusive of Goods and service tax in case of works to be executed. Goods and Service tax shall be paid extra, if applicable. The contractor shall be responsible for loading/unloading and transporting the materials, to be supplied by the BSNL from any BSNL store / Telecom factory to the work site. The charges on this account shall be regulated as per the rates in Standard Schedule of Rates (SOR). The offer shall be firm in Indian Rupees.

9.2 Prices shall be quoted by the bidder only in the standard schedule of rates in the schedule of quoting rates (Financial Bid). Prices quoted at any other place shall not be considered. Quoted rates shall be inclusive of all charges and levies but exclusive of Goods and Service Tax(GST) which shall be paid extra as applicable.

- 9.3 The price quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.
- 9.4 Discount, if any, offered by the bidders shall not be considered unless they are specifically indicated in the schedule of quoting rates (Financial Bid). Bidders desiring to offer discount shall therefore modify their offers suitably while quoting.

10 PERIOD OF VALIDITY OF BIDS:

- 10.1 Bid shall remain valid for 180 days from date of opening of the bid (Qualifying Bid). **A Bid valid for a shorter period shall be rejected by BSNL as non-responsive.**
- 10.2 In exceptional circumstances, the tendering authority may request the consent of the bidder for an extension to the period of bid validity for a period of upto 120 days. The request and the response thereto shall be made in writing. The bid security provided under clause 8 shall also be suitably extended. The bidder may refuse the request without forfeiting its bid security. A bidder accepting the request and granting extension will not be permitted to modify its bid.

11 SIGNING OF BID:

- 11.1 The bidder shall prepare, as a part of his bid, the bid documents (in original) duly signed on each and every page, establishing the conformity of his bid to the bid documents of all the works to be executed by the bidder under the contract.

Note :-

BSNL may ask the bidder (s) to supply ,besides original bid, additional copy of bids as required.

The Bidder is advised to keep a photocopy at his own cost of the bid documents for his own reference.

- 11.2 The bid shall contain no inter-lineation, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be signed with date by the person or persons signing the bid. **All pages of the original bid ,except for un-amended printed literatures, shall be digitally signed by the person or persons signing the bid.**

11.3 . Power of Attorney:

- (a) The power of attorney **in original**, in case, person other than the sole proprietor/ authorized signatory has signed the tender document, shall be on a non-judicial stamp paper of Rs. 50/- in case same has been executed in between blood relations and in other cases, it should be on a non-judicial stamp paper of Rs.100/- and should be attested by the Notary Public or same should be registered before the sub registrar.
The power of attorney in original should be submitted.
- (b) The power of Attorney or Boards Resolution in original is executed by a person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the company/ institution/ Body corporate.
- (c) In case of the bidder being a partnership firm, the said Power of Attorney should be executed by all the partner(s) in favour of the said Attorney.
- (d) Attestation of the specimen signature of such authorized signatory of the bid by the Company's/Firm's bankers shall be furnished. Name, designation, phone number, mobile number, email address and postal address of the authorized signatory shall be provided.
- (e) In case the representative of bidder company who uploads the document on e-tender portal using his Digital Signature Certificate (DSC) is different from the authorised signatory for the bid (Power of Attorney holder) then the representative who uploads the document on e-tender portal using DSC issued in his name shall also be made as one of the power of attorney holder by the bidder company, in addition to the authorised signatory for the bid.

D. SUBMISSION OF BIDS

12 Method of Preparation & Submission of Bids in e-Tendering System:

12.1 Bid should be submitted in the following manner:

12.1.1 Documents to be submitted-

All the documents in **Qualifying Bid –Part-A** as mentioned in clause 7 of this section and **Financial Bid-Part-B** as mentioned in clause 3 of this section, are to be uploaded in the e-tender portal including proof of deposit of EMD Declaration Certificate , Cost of Tender document which may be deposited by way DD/Banker Cheque.The envelope must be superscribed as below and shall be dropped in the tender box.-

<u>‘Envelope for BID security, Tender cost & Authorization’</u>	
DNIT No.-----	Dated -----
“Tender for Optical Fiber Cable Laying construction work for -----“	
To	
<div style="background-color: yellow; display: inline-block; padding: 2px;">Divisional Engineer</div> Transmission Installation,6 th Floor FBR TE Building ,NSC Bose Road Chennai-600 001	
From-	
.....	
.....	
.....	

- (i) Original Bid Security declaration certificate
- (ii) Original Demand Draft(DD)/ Banker Cheque – drawn in favor of BSNL, Chennai Telephones, payable at Chennai, issued by any scheduled bank towards the payment of Price of Bid Document.
- (iii) Original Power of attorney for authorisation to sign and upload the bid.
- (iv) Original Bank Solvency Certificate.
- (v) Declaration of Genuineness of Documents with Signature and Seal.
- (vi) Attested copy of Latest and Valid MSE/NSIC Certificate duly certified by MSME/NSIC if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC/ST category, proof in this regard also need to be submitted along with UAM certificate.

Note: Please note that the submission of above documents is the prerequisite before bid opening on e-tendering website meaning thereby in the absence of these documents e-bid of such tenderer will not be opened. These document should be part of Off-Line submission.

All the above documents should be self-attested by the tender signing person.

12.1.2 Submission of Bids on e-tendering website-

The bidder shall upload his bid for this tender in two separate folders marked as ‘Qualifying Bid’, and ‘Financial Bid’.

The bid folders shall contain the documents as given below-

- a) **‘Qualifying_Bid’ folder** –The scanned documents in electronic form as per clause 7 of Section IV must be uploaded in this folder.
- b) **‘Financial_Bid’ folder-** The Rates duly quoted in the prescribed format as per Section- XIX, Schedule for Quoting the Rates.
- 12.2 The tenders which are not submitted in above mentioned manner shall be summarily rejected.
- 12.3 The tenderer will be bound by all terms, conditions & specifications as detailed in the tender documents.
- 12.4 Any tender with conditions other than those specified in the tender document is liable to be summarily rejected. No modification by the contractor in any of the conditions will be permitted.

13 SUBMISSION OF e-BIDS:

- 13.1 e-Tenders should be submitted strictly as per the procedure mentioned in clause 12 above. The tenderer is to ensure the delivery of the physical envelope at the correct address and submission of the qualifying Bid and Financial Bid online as mentioned above. The BSNL shall not be held responsible for delivery of bid to the wrong address or wrong submission/non-submission of the bids online.
- 13.2 If tender opening day is declared as holiday by the government then the bids technical or financial will be opened on the next working day. The Time & Venue will remain unchanged.
- 13.3 **LATE BIDS:** Tenders shall not be accepted online after the specified date and time of closing of the tender. It is the sole responsibility of the tenderer that he should ensure timely online submission of tender and in the manner as prescribed on the e-tendering website. The time settings fixed in the server side & displayed at the top of the e-tendering site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
- 13.4. **Post Bid submission:** No documents post bid submission shall be entertained/taken. Any deficient bid in this regard may be summarily rejected. However, any clarifications on the submitted bid documents may be sought to examine and evaluate the bid, if required for the sake of clarity.

14. MODIFICATIONS AND WITHDRAWAL OF BIDS :

- 14.1 The bidder may modify or withdraw his bid before the due date and time of submission in the manner as prescribed on the e-tendering website.
- 14.2 No bid can be modified subsequent to the deadline for submission of bids.

E. BID OPENING AND EVALUATION:

15. OPENING OF BIDS BY THE BSNL:

The Physical Envelope marked as **‘Bid Security, Tender cost & Authorization Envelope’** shall be opened first and examined by the designated Tender Opening Committee (TOC) of BSNL. The TOC shall ascertain that the documents submitted in the physical envelope meet the requirements of eligibility for opening the qualifying bid of a bidder for this tender then only the TOC shall open and download the Qualifying Bids online after the due date and time by logging into the e-tender portal. The bidders whose Physical Envelopes are either not received in time or the documents do not meet the preliminary requirement of eligibility, their bids shall not be opened/downloaded from the E tender portal.

The bid opening committee shall count the number of bids downloaded from the e-tendering portal and assign serial numbers to the bids. For example, if 10 tenders have been received the bids shall be numbered as 1 of 10, 2 of 10 etc. All the members of TOC shall initial on all the pages of all the bids downloaded with date.

After opening the qualifying bid, all the documents contained therein shall be serially numbered and signed by the bid opening committee members and TOC should prepare and submit TOC report.

The Qualifying Bids downloaded shall be evaluated by the designated TEC and the result of evaluation after approval by the competent authority shall be uploaded on the E-tender portal for information of all concerned clearly mentioning the qualified bidders and not qualified bidders (with reasons for non qualification)

The **FINANCIAL BID** shall be opened in the following manner:

- i). The folder marked “**Financial_Bid**”, will be opened and downloaded from the e-tendering portal only for those bidders who have been found eligible after evaluation of Qualifying Bids.
- ii). The date and time of opening of Financial Bid shall be notified on e-tendering portal for information of all the bidders.
- iii). After opening the “Financial Bid” the TOC shall prepare the report containing the bidder’s name, bid prices, modifications, etc.
- iv). In case there is a discrepancy in figures and words in the quote, the same shall be announced in the bid opening, but the quoted rates in words shall prevail.

16. CLARIFICATION OF BIDS BY THE BSNL:

To assist in examination, evaluation and comparison of bids, the BSNL may, at its discretion ask the bidder for clarification of its bid. The request for its clarification and its response shall be in writing. However, no post bid clarification at the initiative of the bidder shall be entertained.

17. VERIFICATION OF BIDS BY THE BSNL

If any of the documents, required to be submitted along with the technical bid is found wanting, the offer is liable to be rejected at that stage. However, the BSNL at its discretion may call for any clarification regarding the document within a stipulated time period. In case of non-compliance to such queries, the bid will be outrightly rejected without entertaining further correspondence in this regard.

18. REJECTION OF BIDS

- 18.1 All the conditions specified in the Bid documents are critical and are to be complied. Non-compliance of any one of these shall result in outright rejection of the bid.
The bids will be rejected at opening stage if Bid security declaration certificate is not submitted as per Clause 8.
 - b) Bid validity is less than the period prescribed Clause 10.
 - c) If the eligibility condition as per Clause 2 of Section 4 is not met and documents for the same are not enclosed.
 - d) Section- XX Price Schedule: Prices are not filled in as prescribed in price schedule.
- 18.2 Before outright rejection of the Bid by Bid-opening team for non-compliance of any of the provisions mentioned above, 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.

- 18.3 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.
- 18.4 The in-charge of Bid opening team will mention the number of bids with the name of the company found unsuitable for 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 Officer competent to approve the tender 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.
- 18.5 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 participants desirous to be present on the occasion.

19. PRELIMINARY EVALUATION :

1. BSNL 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.
2. Prior to the detailed evaluation, the BSNL will determine the substantial responsiveness of each bid to the bid document. For purpose of these clauses a substantially responsive bid is one which conforms to all the terms and conditions of the bid documents without deviations.
3. The BSNL may waive any minor infirmity or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of the bidder.

20. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS:

The BSNL shall evaluate in detail and compare the bids previously determined to be substantially responsive.

The evaluation and comparison of responsive bids shall be on the percentage (above/at par) offered and indicated in schedule of quoting rates of the bid documents. Bidder quoting the lowest rates will be L-1 for this tender.

21. CONTACTING THE BSNL:

- 21.1 No bidder shall try to influence the BSNL on any matter relating to its bid, from the time of bid opening till the time the contract is awarded.
- 21.2 Any effort by the bidder to modify his bid or influence the BSNL in the BSNL's bid evaluation, bid comparison or the contract award decisions shall result in the rejection of the bid.

22. AWARD OF CONTRACT AND DISTRIBUTION OF WORK

- 22.1 After Proper L1 rate is finalized and Approved by Chennai Telephones and same L1 approved rate shall be counter offered to other eligible bidders. On receipt of written acceptance from other eligible bidders within a week of intimation, the BSNL shall consider for enlisting them in panel of Contractors for work mentioned in Clause 2 in DNIT

- 22.2 The BSNL shall consider Empanelment of only those eligible bidders whose offers have been found technically, commercially and financially acceptable. The decision of BSNL regarding selection of bidders shall be final and binding.
- 22.3 BSNL shall limit the number of contractors to a maximum of 3 (three) for whose offers have been found acceptable as in Clause 22.1 above arranged from the lowest offer. The work will be allotted in the following ratio

Table 1(A) (Without provisions for MSE/NSIC Units)

No. of Bidders to be approved (Col. 1)	Quantity allotted to the respective bidder (Col. 2)		
	L1	L2	L3
One bidder	100%	Nil	Nil
Two bidders	60%	40%	Nil
Three bidders	50%	30%	20%

The evaluated L1 rate will be countered for all the selected bidders. CGM Chennai Telephones reserves the right to increase the panel of bidders, reallocate if found necessary.

Table 1(B) (With provisions for MSE/NSIC Units)

No. of Bidders to be approved (Col. 1)	Quantity allotted to the respective bidder (Col. 2)			Quantity earmarked for MSE/NSIC
	L1	L2	L3	
One bidder	75%	Nil	Nil	25%
Two bidders	45%	30%	Nil	25%
Three Bidders	37.5%	22.5%	15%	25%

Note 2: If no eligible MSE/NSIC bidders are available then aforesaid earmarked 25% quantity shall be de-reserved & the allotted quantity for other general bidders will be restored to 100% and distribution shall be as per Table -1(A) above.

Note 3: If L-1, L-2, L-3, etc happens to be MSE/NSIC bidders then they will be given allotted quantity as per the applicable sub-column of column 2 of above table. In case, there are MSE bidders whose quoted price is within +15% of L-1 price then 25% reserved quantity shall be distributed amongst such MSE/NSIC bidders.

Note 4 : Minimum 3% reservation for woman owned MSEs within the above mentioned 25% reservation is provided and

Note 5 : The 25% includes a sub-target of 5% procurement from the MSEs owned by SC/ST entrepreneurs.

- 22.4 The Empanelment of Contractor shall come into effect only after completion of necessary procedural formalities like payment of Security Deposit, signing of Agreement.
- 22.5 **Extension of tender period:** The period of this contract will be One **year** from the date of agreement. However, the BSNL reserves the right to extend the contract further, in terms of six months or less, up to one **year** on the same rates, terms & conditions, which shall be binding on the contractor.
- 22.6 If there are more than two tenderers at the same rates, the tenderer having highest experience in 7 or 5 years period category(as the case may be) shall precede to the one having lower experience while deciding ranking for considering for the award of work. The final ranking, L-1, L-2, L-3 etc. shall be worked out using the highest experience irrespective of criteria of 7 or 5 years period category.

23. BSNL'S RIGHT TO VARY QUANTUM OF WORK:

The quantity stipulated in the tender are estimated and the BSNL reserves the right to vary the value of works to the extent of -25% to + 25% of contract value during contract period at the same rates and terms & conditions with prior approval of the tender approving authority.

However, **in exceptional circumstances only**, due to change in scope of work or otherwise, any variation in the value of work may be permitted upto 50% of contract value with prior approval of the next higher authority after recording adequate reasons and justification for the same.

24. LIABILITY :

BSNL will not be liable to the contractor for any losses or damages, costs, charges which the contractor may in any way sustain/suffer due to non-issue of work order/delay in making store available or delay in receipt of permission from road authorities/local bodies/forest department.

25. BSNL'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS :

The BSNL 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 for the BSNL's action.

26. ISSUE OF LETTER OF INTENT:

26.1 The issue of letter of intent shall constitute the intention of the BSNL to enter into the contract with the bidder. Letter of intent will be issued as offer to the successful bidder.

26.2 The bidder shall within 14 days of issue of letter of intent, give his acceptance along with Performance security in conformity with clause 5(ii) of Section V, provided with the bid documents. However, Tender Issuing Authority reserves the right to extend the time limit if the reasons on which extension is sought are deemed fit.

27. SIGNING OF AGREEMENT:

27.1 Once the tender is approved by the competent authority and Letter of Intent (LoI) is issued, the contractor shall deposit the Performance Bank Guaranty (PBG) and Material Security in the form of Bank Guaranty (BG) or cross demand draft drawn in favor of BSNL Chennai Telephones issued by a schedule bank and payable at BSNL, Chennai Telephones within fourteen days. The Bid Security deposited along with the tender shall be refunded to the bidder after signing of the agreement.

27.2 An agreement shall be signed after submission of PBG and Material Security.

28. ANNULMENT OF AWARD:

Failure of the successful bidder to comply with the requirement of clause 26 of section IV shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event; the BSNL may make the award to any other bidder at the discretion of the BSNL or call for new bids

29. SECURITY CLAUSE

Mandatory Licensing requirements with regards to security related concerns issued by Government of India from time to time shall be strictly followed.

30. **ACTTON By PURCHASER AGAINST BIDDER(S)NENDOR(S) IN CASE OF DEFAULT**

In case of default by Bidder(s)/ Vendor(s) such as

(a) Failure to perform any other obligation(s) under the Contract; and

(b) Or any other default whose complete list is enclosed in Appendix-1 of Section-IV;

Purchaser will take action as specified in Appendix-1 of Section-IV.

APPENDIX-1

APPENDIX -1 to Section IV 9Instructions to Bidders)		
Sl.No	Defaults of bidder/Vendor	Action to be taken
A	B	C
	Submitting Fake/Forged	
1(a)	<p>(a) Bank instruments with the bid to meet terms & condition of tender in respect of tender fee and /or EMD.</p> <p>(b) Certificate for claiming exemption in respect of tender fee and / or EMD and detection of default at any stage from receipt of bids till award of APO/ issue of PO/WO</p>	<p>i) Rejection of tender bid of respective vendor</p> <p>ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of goods & services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.</p> <p>iii) Termination/Short closure of PO/WO if issued. This implies non-acceptance of further supplies/work & services except to make the already received material work/complete work in hand.</p>
	Note 1:- However, in this case the performance guarantee if alright will not be forfeited	
	Note2:- Payment for already received supplies / completed work shall be made as per terms & conditions of PO/WO	
	Submitting fake/forged documents towards meeting eligibility criteria such as experience capability, supply proof, registration with Goods and service tax ,income tax departments etc and as supporting documents towards other items & conditions with the bid to meet terms condition of tender.	
	(i) If detection of default is prior to award of APO	<p>i) Rejection of Bid</p> <p>ii) Forfeiture of EMD</p> <p>iii) Banning of business for up to three years which implies barring further dealing with the vendor for procurement of Goods & services including participation in future tenders invited by BSNL for up to three years from date of issue of banning order</p>
1(b)	(ii) If detection of default after issue of APO but before receipt of PG/ SD (DD,BG etc.)	<p>i) Cancellation of APO ,</p> <p>ii) Rejection of Bid</p> <p>iii) Forfeiture of EMD</p> <p>iv) Banning of business for up to three years which implies barring further dealing with the vendor for procurement of Goods & services including participation in future tenders invited by BSNL for up to three years from date of issue of banning order</p>
	(iii) If detection of default after receipt of PG/ SD (DD,BG etc.)	<p>i) Cancellation of APO ,</p> <p>ii) Rejection of Bid</p> <p>iii) Forfeiture of PG/SD.</p> <p>However on realization of PG/ SD amount EMD, if not already released shall be returned</p> <p>iv) Banning of business for up to three years which implies barring further dealing with the vendor for procurement of Goods & services including participation in future tenders invited by BSNL for up to three</p>

		years from date of issue of banning order
(iv)If detection of default after issue of PO/WO		<ul style="list-style-type: none"> i) Termination/ Short Closure of PO/WO and Cancellation of APO ii) Rejection of Bid & iii) Forfeiture of PG/ SD. <p>However on realization of PG/ SD amount, , if not released shall be returned.</p> <ul style="list-style-type: none"> iv) Banning of business for up to three years which implies barring further dealing with the vendor for procurement of Goods & services including participation in future tenders invited by BSNL for up to three years from date of issue of banning order
	Note 3:- However, settle bills for the material received in correct quantity and quality if pending items do not affect working or use of supplied items.	
	Note 4:- No further supplies are to be accepted except that required to make the already supplied items work.	

2	If vendor or his representative uses violent/ coercive means viz. Physical / Verbal means to threatens BSNL Executive / employees and/ or obstruct him from functioning in discharge of his duties & Responsibilities for the following	
	a) Obstructing functioning of tender opening executives of BSNL in receipt/ opening of tender bids from prospective Bidders, suppliers/ Contractors	Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order
b) Obstructing/ Threatening other prospective bidders i.e. suppliers/ Contractors from entering the tender venue and/ or submitting their tender bid freely		
3	Non-receipt of acceptance of APO/ AWO and SD/ PG by L-1 bidder within time period specified in APO/ AWO	Forfeiture of EMD
4.1	Failure to supply and/ or Commission the equipment and /or execution of the work at all even in extended delivery schedules, if granted against PO/ WO	<ul style="list-style-type: none"> i) Termination of PO/ WO. ii) Under take purchase/ work at the risk iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting Vendor.
4.2	Failure to supply and/ or Commission the equipment and /or execution of the Work in full even in extended delivery schedules, if granted against PO/ WO	<ul style="list-style-type: none"> i) Short Closure of PO/ WO to the quantity already received by and/ or commissioned in BSNL and/ or in pipeline provided the same is usable and/or the Vendor promises to make it usable. ii) Under take purchase/ work for balance quantity at the risk & cost of defaulting vendor. iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting Vendor
5.1	The supplied equipment does not perform satisfactory in the field in accordance with the specifications mentioned in the PO/ WO/Contract	<ul style="list-style-type: none"> i) If the material is not at all acceptable, then return the non-acceptable material (or its part) & recover its cost, if paid, from the o/s bills/ PG/ SD. <li style="text-align: center;">Or ii) If the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the BSNL may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD.

5.2	Major quality problems (as established by a joint team / committee of User unit(s) and QA Circle) / performance problems and non-rectification of defects (based on reports of field units and QA circle).	<p>i) If the material is not at all acceptable, then return the non-acceptable material (or its part) & recover its cost, if paid, from the o/s bills/ PG/ SD;</p> <p style="text-align: center;">OR</p> <p>ii) If the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the BSNL may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD</p> <p>And</p> <p>iii) Withdrawal of TSEC/ IA issued by QA Circle</p>
6	Submission of claims to BSNL against a contract	
	(a) for amount already paid by BSNL	<p>i) Recovery of over payment from the outstanding dues of Vendor including EMD/ PG & SD etc. and by invoking ‘Set off’ clause 18 of Section V. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD</p> <p style="text-align: center;">OR</p> <p>ii) If the material is inducted in network & it is no possible to return it and/ or material is acceptable with degraded performance, the BSNL may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD</p> <p>And</p> <p>iii) Withdrawal of TSEC/ IA issued by QA Circle.</p>
	(b) for Quantity in excess of that supplied by Vendor to BSNL	
	c) for unit rate and/ or amount higher than that approved by BSNL for that purchase	
Note 5:- The claims may be submitted with or without collusion of BSNL Executive/ employees.		
Note 6:- This penalty will be imposed irrespective of the fact that payment is disbursed by BSNL or not.		
7	Network Security/ Safety/ Privacy:- If the vendor tampers with the hardware, software/ firmware or in any other way that	
	a) Adversely affects the normal working of BSNL equipment(s) and/ or any other TSP through BSNL.	<p>i) Termination of PO/ WO.</p> <p>ii) Banning of business for 3 years which</p>

	b) Disrupts/ Sabotages functioning of the BSNL network equipments such as exchanges, BTS, BSC/ MSC, Control equipment including IN etc., transmission equipments but not limited to these elements and/ or any other TSP through BSNL	implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.
	c) Tamperers with the billing related data/ invoicing/ account of the Customer/ User(s) of BSNL and/ or any other TSP(s).	iii) Recovery of any loss incurred on this account from the Vendor from its PG/ SD/ O/s bills etc.
	d) hacks the account of BSNL Customer for unauthorized use i.e. to threaten others/ spread improper news etc.	iv) Legal action will be initiated by BSNL against the Vendor if required.
	e) undertakes any action that affects/ Endangers the security of India.9	
8	If the vendor is declared bankrupt or insolvent or its financial position has become unsound and in case of a limited company, if it is wound up or it is liquidated	i) Termination/ Short Closure of the PO/ WO. ii) Settle bills for the quantity received in correct quantity and quality if pending items do not affect working or use of supplied items. iii) No further supplies are to be accepted except that required to make the already supplied items work. iv) In case of turnkey projects, If the material is commissioned and is usable without any degradation of performance, then settle bills for the acceptable equipment/ material (or its part). v) In case of turnkey projects, if the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the BSNL may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD

9	In the event of the vendor, its proprietor, Director(s), partner(s) is / are convicted by a Court of Law following prosecution for offences involving moral turpitude in relation to the business dealings.	<ul style="list-style-type: none"> i) Termination/ Short Closure of the PO/ WO. ii) Settle bills for the material received in correct quantity and quality if pending items do not affect working or use of supplied items. iii) No further supplies are to be accepted except that required to make the already supplied items work. iv) In case of turnkey projects, If the material is commissioned and is usable without any degradation of performance, then settle bills for the acceptable equipment/ material (or its part).In case of turnkey projects, If the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the BSNL may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD.
10	If the vendor does not return/ refuses to return BSNL's dues:	i) Take action to appoint Arbitrator to adjudicate the dispute.
	a) in spite of order of Arbitrator.	<ul style="list-style-type: none"> i) Termination of contract, if any. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL from date of issue of banning order or till the date by which vendor clears the BSNL's dues, whichever is later. iii) Take legal recourse i.e. filing recovery suite in appropriate court
	b) in spite of Court Orders.	<ul style="list-style-type: none"> i) Termination of contract, if any. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL from date of issue of banning order or till the date by which vendor clears the BSNL's dues, whichever is later
11	If the Central Bureau of Investigation/Independent External Monitor (IEM)/ Income Tax / Goods and service Tax / Excise / Custom Departments recommends such a course	Take Action as per the directions of CBI or concerned department.

12	The following cases may also be considered for Banning of business	
	<p>a. If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders ,interpolation, misrepresentation with respect to the contract in question.</p>	<p>Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order</p>
	<p>b. If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 & 4.2</p>	
	<p>c. If the vendor/ supplier fails to submit required documents/ information, where required.</p>	
	<p>d. Any other ground which in the opinion of BSNL is just and proper to order for banning of business dealing with a vendor/ supplier.</p>	
	<p>Note 7: The above penalties will be imposed provided it does not clash with the provision of the respective tender</p>	
	<p>Note 8:-In case of clash between these guidelines & provision of invited tender, the provision in the respective tender shall prevail over these guidelines</p>	
	<p>Note 9: Banning of Business dealing order shall not have any effect on the existing/ ongoing works/ AMC / CAMC which will continue along with settlement of Bills.</p>	

----- END OF SECTION-IV -----

SECTION V

GENERAL (COMMERCIAL) CONDITIONS OF THE CONTRACT

1. APPLICATION :

The General conditions shall apply in contracts made by the BSNL for the execution of Laying PLB pipe and Associated works by Trenchless Technology and Pulling/Blowing of Optical Fibre Cable.

2. STANDARDS:

The works to be executed under the contract shall confirm to the standards prescribed in the OF Cable construction practices issued by BSNL using trenchless technology methods.

3. PRICES :

Prices charged by the Contractor for the works performed under the Contract shall not be higher from the prices quoted by the Contractor in his Bid. Price once fixed will remain valid for the period of contract. Increase and decrease of taxes/duties will not affect the price except Goods and Service tax (GST) which will be paid at prevailing rate, during this period (proof of payment to the GST authority shall be submitted by the contractor on time to avail ITC by BSNL.)

4. SUBCONTRACTS:

The contractor shall not assign, sub contract or sublet the whole or any part of the works covered by the contract, under any circumstances.

5. SECURITY :

(i) Material Security:-

1. The successful tenderer including MSE bidder will have to deposit material security as mentioned in the scope of work subject to a **minimum of Rs 2 Lakhs** in the form of bank guarantee, valid for the period of contract plus six months, from a scheduled bank and in the **material security bond form** provided in the bid documents **Section-X**. Material security can also be submitted in the form of cross demand draft drawn in favor of BSNL Chennai Telephones issued by a schedule bank and payable at BSNL, Chennai Telephones. The Material security will be non-interest bearing deposit for any period whatsoever. BSNL reserves the right to increase the amount of material security based on the quantum of work/maximum store to be issued at the time of execution of the work at any point of time.
2. The contractor at any point of time will not be issued stores costing more than material security. If due to any reason, more store has to be issued to the contractor then the material security shall be correspondingly enhanced to an amount equal to the cost of material/stores to be issued.
3. The proceeds of the material security shall be payable to the BSNL as a compensation for any loss resulting from the contractor's failure to account for the material issued to him.
4. The Material security shall be released / refunded within a month from the date of the payment of the last final bill of the work under the contract or final settlement of material account whichever is later on production of 'No Dues Certificate' from 'Engineer In Charge'.

b. Performance security:

- a. The successful bidder including MSE bidder shall submit an amount equivalent to 3% of the tender approved value as security deposit by way of Performance Bank Guarantee (PBG) within 14 days from the date of issue of LOI, in favour of 'BSNL, Chennai Telephones' payable at Chennai from any scheduled bank in India, and valid for 30 months from the date of issue of LOI.
- a. On receipt of PBG from the bidder, after confirmation of the genuineness of the PBG from the bank, the validity of EMD got expired.
- b. The proceeds of the performance security shall be payable to the BSNL as compensation for any loss resulting from the contractor's failure to perform the obligations under the contract and warranty obligations.
- d. The performance security deposit shall be refunded after expiry of warranty period of last work executed provided there are no recoveries to be made arising out of poor quality of work, incomplete work and/or violation of any terms and conditions of the contract as stipulated in the bid document.
- e. If there are recoveries to be made, Contractor shall deposit the money before the release of PBG for getting the PBG released and in failure to do so, PBG will be forfeited and recovery to be effected from the realized PBG amount and the balance amount, if any, after adjustment of recoveries, will be refunded to the bidder.
- f. It is the responsibility of the vendor to submit the proof that he has deposited the Goods & service tax in time. Otherwise BSNL will recover from subsequent bills or PBG as the case may be.
- g. No interest will be paid to the contractor on the security deposit.

6. ISSUE OF WORK ORDERS AND TIME LIMIT:

- i). Work will be executed by way of issuing work orders. Work orders may be issued in parts for a period as specified in the work order. The work order shall be for a part of work which will have to be completed in time as specified in work order.
- ii). The work orders shall be issued by the Divisional Engineer in-charge of OF cable construction works after Pro-forma work order approval from Tender Approving Authority. The Divisional Engineer in charge of work shall issue the work order after examining the technical and planning details of the works to be executed.
- iii). The BSNL reserves the right to cancel or modify the scope of work stipulated to be carried out against the work order in the event of change of plan necessitated on account of technical reasons or in the opinion of work order issuing authority or competent authority, the contractor is not executing the work at the required pace.

7. EXTENSION OF THE TIME LIMIT:**7.1 General:**

- i. In each work order, the work order issuing authority shall specify the time allowed for completion of work consistent with the magnitude and urgency of work. The time allowed for carrying out the work is to be strictly observed by the contractor and shall be reckoned from seventh day from the date of issue of work order.
- ii. In as much as "the time being deemed to be the essence of contract", throughout the stipulated period of contract, the work is to be proceeded with all due diligence on the part of the contractor.

7.2 Application for Extension of Time and Sanction of Extension of Time (EOT) :

7.2.1 There may be some hindrances, other than covered under force majeure, while execution of work and in such cases the contractor shall apply in writing to the engineer-in-charge for extension of time (EOT), on account of which, he desires such extension, on the same day of occurrence of hindrance. The Engineer-in-charge shall forward the request to the competent authority with his detailed report, within two days of receipt of request from the contractor. The competent authority is empowered to grant extension of time for completion of work on certain conditions. He shall exercise such powers, if the following conditions are satisfied.

7.2.1.1 -The application contains the ground(s), which hindered the contractor in execution of work.

7.2.1.2 -The Engineer-in-charge is of the opinion that the grounds shown for extension of time are reasonable.

7.2.2 The competent authority shall consider the request keeping all the facts and circumstances in view and shall grant extension of time, if in his opinion, there are reasonable and sufficient grounds for granting such extension and the reasons for delay are not ascribable to the contractor.

7.2.3 The competent authority may also grant extension of time for completion of work in cases where reasons for delay are ascribable to the contractor, but such extension of time shall be with LD charges as per clause dealing with Liquidated damages(LD) for delays in execution of works.

7.2.4 The competent authority shall grant EOT with time period for completion of work clearly mentioned. The sanction of the competent authority of EOT shall be issued under the signature of the Engineer-in-charge.

7.2.5 **If the competent authority is of the opinion that the grounds shown by the contractors are not reasonable and sufficient and declines to grant the extension of time, the contractor cannot challenge the soundness of the opinion by reference to arbitration. The decision of the competent authority on period of extension of time or refusal for extension of time shall be final and binding on the contractor.**

7.3 Grant of Extension of Time without Applications:

7.3.1 There are, at times, practical difficulties like non-availability of material, delay in providing permissions/right of way etc. reasons of which are ascribable to the BSNL. In such cases, the Engineer-in-charge with the approval of competent authority to sanction EOT, may issue extension of time suo moto without waiting for contractor to make an application for EOT. Entry of hindrances shall be made in the Hindrance Register. The BSNL will, however, not be liable to the contractor for any losses or damages, costs, charges, or expenses that the contractor may in any way sustain / suffer due to delay in making the above available.

8. MEASUREMENT, INSPECTION, TESTING AND ACCEPTANCE TESTING:**A. Open Trenching:****8.1 Measurement:**

8.1.1 The measurement books are to be maintained by the officer-in-charge of the work or his immediate engineering subordinate not below the rank of Junior Telecom Officer. The entry shall be made in ink. No entry shall be erased. If a mistake is made, it should be corrected by crossing out the incorrect words or figures and inserting the corrections, the corrections thus made shall be initialed & dated by the officer concerned.

8.1.2 Responsibility of taking and recording measurements:

The measurement of various items of work shall be taken and recorded in the measurement book issued with each work order. The measurement shall be taken and recorded by an officer not below the rank of Junior Telecom Officer, supervising the work. The Junior Telecom Officer/Sub Divisional Engineer, directly responsible for supervision of work, shall be responsible for accuracy of 100%/50% of measurements respectively. The Divisional Engineer shall be responsible for conducting test check of 10% of measurements.

- 8.1.3 **Method of recording of nomenclature of items:** Complete nomenclature of items, as given in the agreement need not be reproduced in the measurement book for recording the measurements but corresponding Item Code as provided, shall be used.
- 8.1.4 **Method of measurements:** The measurements of the work shall be done activity wise as and when the item of work is ready for measurement. The methods of measurement of various items are enumerated as under:

- **Measurement of depth of trenches:**

The cable routes of one work order shall be divided into a number of segments each of maximum 200 meters length bounded by identifiable landmarks at both the ends of the segments. If landmarks are not available, length of segment may be maintained at 200 meters. The measurement of depth shall be recorded at each point of measurement (POM) in the measurement book in meters in the multiples of 5 cms. For example 97 cms will be recorded as 95 cms and 103 cms as 105 cms. The points of measurements shall be at a distance of 10 meters starting from 0 (zero) Meter. For example, if the length of segment is 75 meters, the POMs shall be at 0M, 10 M, 20 M, 30 M, 40 M, 50 M, 60 M, 70M. The last POM shall be at 75th M to be recorded against Residual POM.

The efforts required to excavate trenches is not proportionate especially with reference to depth. Therefore, normally the workers tend to dig shallow trenches. As standard depth of the trench is important for future life and protection of cables, this tendency has to be discouraged. In order to encourage the contractor to achieve best possible depth in the face of site constraints, the following scale of payment shall be applied for digging trenches of lesser depths, subject to condition that relaxation has been granted by the competent authority for lesser depths.

TABLE-I For Normal & Hard soil for all areas in CHTD

Depth between	Reduction in rate
< 165 Cms to \geq 150 Cms.	Pro rata basis
< 150 Cms to \geq 130 Cms.	12.5 % of approved rates
< 130 Cms to \geq 105 Cms.	25 % of approved rates
Below 105 Cms	40 % of approved rates

Table-2 For soft/hard rock for all areas in CHTD

Depth Between	Reduction in rate
< 135 Cms to > 125 Cms.	5% of the approved rate.
<125 Cms to > 105 Cms	15% of the approved rate.
Below 105 Cms.	40% of the approved rate.

TABLE-3 For Hilly Terrain for all areas CHTD

Depth between	Reduction in rate
< 90 Cms to \geq 80 Cms.	5 % of the approved rate
< 80 Cms to \geq 65 Cms.	12.5 % of approved rates
< 65 Cms to \geq 50 Cms.	25 % of approved rates
Below 50 Cms	40 % of approved rates

The payment for sub normal length should be calculated using the following formula:

$$P = (100 - ROR) \times RA \times D / (100 \times ND)$$

P = Payment for one meter

ROR = Reduction in rate in % as given above

RA = Approved rate of trenching per meter

D = Actual depth in Cms.

ND = Nominal depth of trench 165/135/90 cms for which the tender has been floated.

- **Measurement of Lengths and profiles of strata and protection:**

The measurements of length of trenches are on running meter basis, irrespective of type of soil encountered while digging.

The type of protection provided (item code-wise) in a segment shall be recorded in the measurement book in the sheet provided for this purpose.

- **Measurement of length of cable:** The length of cables laid in trenches, through pipes and through ducts shall be measured by use of RODO Meter/Measuring Tape. The length should be cross verified with the marking of lengths on the cables. The lengths shall be recorded in sheet provided in the measurement book.

- **Measurement of other items:** The measurement/numerical details of other items shall be recorded in the sheets provided for respective items viz.

- Digging of joint pit and preparation of joint chamber along with its type i.e. Brick chamber or Pre Cast RCC type.
- Fixing, Painting and sign writing of route/joint indicators.
- Termination of Cable in equipment room and no. of joints.

8.1.5 The contractor shall sign all the measurement recorded in the measurement book. This will be considered as an acceptance by the contractor, of measurements recorded in the MB. In case contractor fails to attend at the measurements or fails to countersign or to record the difference within a week, then in any such events the measurements taken by Engineer-in-charge or by the subordinate as the case may be shall be final and binding on the contractor and the contractor shall have no right to dispute the same.

8.1.6 The Divisional Engineer before passing the bill for sections covered by each set of measurement may carry out test check by re-opening trench at as many locations as necessary, as specified in document 'procedures for underground cable construction' and bills will be passed only when he is personally satisfied of the correctness of entries in the "measurement Book" and also when he is satisfied of other aspects of the work as per the terms of the contract. The contractor shall provide the necessary assistance of labour for re-opening of trench for test check by the Divisional Engineer. Separate payment shall not be made to the contractor for excavation of such test checks, however such test pits shall not be more than 10% of the cable laying work

8.1.7 Measurement of the work of cable pulling through pipe/duct will be taken equal to the length of the pipe / duct through which the cable has been pulled and not the total length of the cable pulled through pipe/duct.

B. Guidelines for Depth AT of Horizontal Directional Drilling

Brief Description of the work: A high capacity drilling machine is used to drill the earth in almost horizontal manner and hence the name of the technology. Two manholes of 2 Mt X 2 Mt X 2 Mt pits are taken at the places marked by the site engineer. The distance between these manholes can vary from a minimum of 40 metres to 250 metres.

The drilling is done from Entry pit towards the Exit pit. At the Exit pit the PLB pipes are attached to the drill rods and the pipes are pulled back towards the Entry pit.

In general RCC manholes are constructed at the Entry pit and Exit pit after the HDD work is completed.

HDD work along with manholes:

The location of manholes shall not only depend on the capacity of the machine but also on the roads. The man holes where the drilling commences is called the Entry Pit. The second manhole is called as Exit pit.

Normally if the HDD machine is kept near the Entry pit and the drilling is carried out, then the depth at which the Machine enters the earth shall not be less than 1.2 Mt. As per the

T&D standard any pipe laying less than 1.2 Mt requires additional protection. In order to achieve higher depth at the Entry pit the HDD machine is kept at around 6 to 8 meters away from the Entry pit. A separate pit called as pilot entry pit is dug up at 4 to 6mtr away from the Entry pit.

Wherever the roads are not in straight line, the span length reduces between the Entry and Exit pit. In general in overlay access works, the manholes are constructed at every 200 Mtrs approximately. The PLB pipes are coupled using the HDPE couplers.

The HDD machine drills the earth using 3 meter length rods. These rods jointed to each other by welding. In the beginning of the first rod contains the drill bit and an electronic beacon house. While the underground drilling work is in progress the drill bit position can be monitored from the surface of the earth using a tracker. The depth and the direction of the bit are monitored from the tracker. This is due to beacon house located in the drill bit.

In the onward drilling from the entry pit to Exit pit normally a lesser diameter (4 inch diameter) drill bit is used. After the drill bit reaches the Exit pit, the drill bit and the beacon house are removed from the first rod. A higher diameter drill bit called, Back reamer is attached to the first rod. The pipes are attached to the reamer and the rods are pulled back. Thus in the return path the tracker cannot detect the depth and direction of the reamer. Hence depth of the pipes can be monitored during the drilling from Entry pit towards Exit pit only.

In general the HDD technology is used in the cities where open trenching is not permitted. These roads are covered thick BT surface. For verifying the depth the test pits cannot be taken in the middle of the road. The second difficulty arises due to the depth of the pipes, which are at about 3 meters below the surface. It is very difficult to manually open a test pit to verify the depth. Hence carrying out the depth AT after the entire work is completed is not possible as is done in the usual depth check. Hence the Depth AT for the HDD work shall be done in real time.

The following tests and suggestions are recommended for the PLB pipes being laid using the HDD technology. Apart from the depth check, the pipes continuity check is also recommended especially for the ACCESS network jobs where multiple pipes are laid.

Standard Tests:

1. Online depth and offset check of the PLB pipes. The depth can be monitored from the tracker. The accuracy of the tracker may be verified by site-in charge before the work is commenced. The depth of the pipe should be more than 2.0 Mtrs.
2. The depth of the pipe may be recorded at the Entry pit and the Exit pit of the spans under test. The depth at both the places should be more than 1.2 Mtrs.
3. The depth at atleast two coupling points are to be verified in 1 KM. The depth should be more than 1.2 Mtrs.
4. The offset of the pipe may be recorded both from the center of the road and also from the edge of the road wherever the compound wall exists (City Areas).
5. The depths of the pipes at a minimum of six continuous rods are to be verified by the T&D wing. The depth should be more than 2 Mtrs beyond 10 meters from the trailing edge of Entry pit.
6. The colours of the pipes to be recorded in case of multiple PLB laying. Different types of coloured pipes are to be used.

Protection: It is recommended that the regular depth protection standards may be applied for HDD works also.

Depth Relaxation: The depth relaxation is required at some situations. In general when HDD is used only for crossing the roads and short spans of 15 to 25 Mtrs length, due to the paucity of the road margin and due to the site conditions, the depth of 2.0 Mtrs may not be achieved. The depth also cannot be achieved at places where very old underground concrete structures, water and drainage pipes exist. It is recommended that the depth relaxation may be given by the competent authority.

Sl.No.	Depth measured at 10 mtrs from the trailing edge of the Entry Pit	Recommending Authority	Relaxing Authority
1	> or = 1.65 Mtr to 2.0 mtr	SDE in charge	DET In charge
2	> or = 1.5Mtr to 1.65 mtr	DET in charge	DGM in-charge

Note:- For depth more than 165 cms rates for horizontal drilling will remain same. In case of depths being less than 1.65 Mtrs up to 1.5 mtrs, the payment of horizontal drilling will be made on **prorata** basis. It is hereby recommended that no pipe shall be laid by HDD method for depths less than 1.5Mtrs. Hence no protection is required for the Pipes.

8.2 Inspection and Quality Control:

8.2.1 **The Quality of Works:** The importance of quality of Optical Fibre Cable Construction works especially laying of multiple PLB pipes/coils using open trenching and trenchless technology method cannot be over-emphasized. The quality and availability of long distance media, efficiency of the reliable media connectivity to exchanges and success of new concept of overlay access network depends upon quality of laying of Optical Fibre Cable. Further, the OF cables are vulnerable to damages due to work of other agencies.

8.2.2 **It is imperative that the contractor(s) is/are fully conversant with the construction practices especially laying multiple pipes by trenchless technology using HDD machine and shall be fully equipped to carry out the work in accordance with the specifications.** The contractors are expected and bound to ensure quality in construction works in accordance with specifications laid down. The contractor shall engage adequate and experienced supervisors to ensure that works are carried out as per specifications and with due diligence and in a professional manner. The contractors shall satisfy himself/themselves that the work conforms to the quality specifications before offering the same to A.T. Wing for Acceptance and Testing.

8.2.3 An assessment of extent of interest shown by the contractors in executing the works with requisite quality shall be recorded and used in evaluating the Contractors' Performance Rating (CPR).

8.2.4 In addition to Acceptance Testing being carried out by A.T. Wing and supervision by Constructions Officers, all works at all times shall be open to inspection of the department. The contractors shall be bound, if called upon to do so, to offer the works for inspection without any extra payment.

8.2.5 **Site Order Book:** The site order book is one of the primary records to be maintained by the JTO/SDE supervising the work during the course of execution of works. The noting made by officers as well as contractors, will form as basis for operation of many contractual clauses. The contractor shall remove all the defects pointed out by the department in the Site order book. The contractor or their authorized representatives shall also be at liberty to note their difficulties etc. in these books. The site order books shall invariably be consulted at the time of making final payments to the contractor.

8.3 Testing and Acceptance Testing:

8.3.1 The work shall be deemed to have been completed only after the same has been accepted by the A.T. Officer. The contractor shall make test pits at the locations desired by A.T. Officer for conducting test checks without any extra payment. The contractor shall restore the pits after test measurements to its original shape. The contractor shall be responsible to provide test/measurement tools and testers for conducting various tests.

8.3.2 **Scope of Acceptance and Testing:** The purpose of acceptance and testing is to verify integrity of measurement and quality of work done. The A.T. Officer shall not be responsible for recording of measurements for the purpose of billing and contractual obligations. However, if the measurements taking by A.T. officer are found to be lesser than the measurements recorded by the

officer responsible for recording the measurements, the measurement taken by A.T. officer shall prevail without prejudice to any punitive action against the contractor as per provisions of the contract and the officer recording the measurements. The contractor shall be obligated to remove defects/deficiencies pointed out by the A.T. officer without any additional cost to the department.

8.3.3 **Offering the work for acceptance and testing:** The Sub Divisional Engineer responsible for construction, after having satisfied himself of completion of work ready for A.T. , shall offer the

work to A.T. Officer for conducting Acceptance and Testing. The work shall be offered for A.T. as soon as part of work is complete in all respects. The work against any work order can be offered for A.T. in a number of stages.

- 8.3.4 The contractor shall provide labour, if demanded by the A/T officer for digging of test pits and other necessary infrastructure for carrying out the A/T work. No extra payment will be made for the digging of test pit

9 WARRANTY:

- 9.1 The contractor shall warrant that the material supplied for the work shall be new and free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The contractor shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate quantity of materials etc. and shall remedy such defects at his own cost when called upon to do so by the BSNL who shall state in writing in what respect the stores are faulty. This warranty shall survive inspection or payment for, and acceptance of goods, but shall expire except in respect of complaints notified prior to such date, **twelve months after the acceptance testing.**

- 9.2 If it becomes necessary for the contractor to replace or renew any defective portion/portions of the material under this clause, the provisions of the clause shall apply to the portion / portions material so replaced or renewed or until the end of the above mentioned **period of twelve months**, whichever may be later. If any defect is not remedied within a reasonable time, as prescribed by the BSNL, the BSNL may proceed to do the work at the contractor's risk and costs, but without prejudice to any other rights which the BSNL may have against the contractor in respect of such defects.

- 9.3 **The Cable joint shall be guaranteed for a period of ONE year from the date of closing of joint.** In case of failure of the joint due to poor workmanship i.e. failure of joint without external damage, within the stipulated period of guarantee the contractor shall repair the joint(s) at his own cost within 24 hours of informing him, **failing which the BSNL may carry out the repairs and penalty equivalent to five times of the approved rate of the jointing work plus the cost of materials used shall be recovered from the contractor from his pending bill/SD or any amount due to him without prejudice to any other action as per terms and conditions of the tender.** The cost of joining kit, supplied by the BSNL, so used to revive the joint shall be deducted from the final bill of the contractor pending for payment or from security if all bills have been settled.

- 9.4 Replacement under warranty clause shall be made by the contractor free of all charges at site including freight, insurance, cost of works and other incidental charges.

10 AUDIT AND TECHNICAL EXAMINATION:

- 10.1 BSNL shall have the right to cause an audit and technical examination of the work and the final bills of the contractor including all supporting vouchers, abstract etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over payment and it shall be lawful for BSNL to recover the same from him in the manner prescribed in clause with the heading payment of bills (same chapter), or in any other manner legally permissible and if it is found that the contractor was paid less than what was due to him under payment shall be duly paid by BSNL to the contractor.

- 10.2 Provided that BSNL shall be entitled to recover any sum overpaid, nor the contractor shall be entitled to payment of any sum paid short where such payment have been agreed upon between the Divisional Engineer or his subordinate officer on one hand and the contractor on the other

- under any term of the contract permitting payment for work after assessment by the **Competent Authority** or his subordinate officer.
- 10.3 Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the BSNL for the payment of a sum of money arising out or under any other contract made by the contractor with the BSNL

11 PAYMENT TERMS:

11.1 Procedure for Preparation and settlement of bills :

- 11.1.1 All items of work involved in the work order shall be completed in all respects before preparing the bills for the work against the work order. The procedure for payment of bills is enumerated as under:
- a. 100% full and final payment shall be processed after commissioning of complete route.
 - b. However, if a section(s) (***node to node**) of the route has/have been completed in all respect and acceptance tested for making it capable of being put to use, 80% payment of the work so completed shall be made as a running bill, pending 20% to be paid after commissioning of complete route.

***node implies** – Exchange/Transmission center/Broadband center/BTS site/any equipment center where OFC is terminated.
- 11.1.2 The contractor shall prepare the final bill in triplicate after completion of the entire work entrusted against work order & acceptance and testing of all the works and submit the same to SDE in-charge of work within 30 days of acceptance and testing for payment. The final bill shall be prepared for all the measurements of all items involved in execution of complete work order. The contractor shall prepare the final bill containing the following details:
- The bill for all the quantities as per Measurements at the approved rates.
 - Adjustment of amount received against running bills.
 - Store reconciliation statement furnishing account of stores received against the **Work Order** and returned to the designated Store godown as surplus with requisite verifications from store in-charge/SDE in-charge of work.
 - Letters of grant of E.O.T(s), if work could not be completed within stipulated time.
 - Six sets of bound documentation.
 - **Copy of the Wage Register, Attendance Register, Monthly EPF & ESI Deposit Challan have to be submitted by the contractor along with the bills.**
 - Proof of payment of GST, if applicable.
 - Timely uploading of correct and necessary information on GSTN portal is mandatory as prescribed in GST compliances.
- 11.1.2.(1) The SDE in-charge of work shall scrutinize the final bill against the works entrusted and accord necessary certificates stating that the work has been executed satisfactorily in accordance with specifications and terms and conditions of the contract. The SDE shall verify the quantities of items of work with reference to measurements recorded in the measurement book (and also A/T reports in case of any deviations noted by A/T office). The SDE in-charge of work shall submit the final bills, along with other documents mentioned above, with the documents as mentioned hereunder to the Divisional Engineer, in-charge of work.
- Bill prepared by the contractor. Invoice should be GST compliant.
 - Material reconciliation statement.
 - Measurement Book.
 - A/T Certificates.
 - The site order Book.
 - The hindrances register.

- Details of recoveries/penalties for delays, damages to Departmental/Third party properties as per provisions of the contract. In case no recovery is to be made, NIL report needs to be submitted.
- Details of empty cable drums cost which needs to be recovered from the bill.

11.1.2.(2). The Divisional Engineer shall exercise the prescribed checks on the bills and accord necessary certificates on the bills. The Divisional Engineer shall retain the third copy of the bill along with photocopies of other documents not available in his estimate file and send first and second copies of the bill, measurement book and other documents submitted by SDE along with the bills as above to the Engineer-in charge for processing and final payment.

11.1.2.(3). O/o Work order Issuing Authority shall process the bills in the estimate file of the concerned work and scrutinize the bills vis-à-vis work order issued, sanctioned provisions in the estimate etc. The office cell shall also scrutinize the bill to recover all the liabilities of the contractor and statutory taxes. The bill shall be passed, after necessary scrutiny by Works Section, by the officer competent to pass the final bill. **GST shall also be applicable for any deductions or penalties imposed by BSNL.**

11.2 Procedure for payment for substandard works:

11.2.1 The contractors are required to execute all works satisfactorily and in accordance with the specifications. If certain items of work are executed with unsound, imperfect or unskilled workmanship or with materials of any inferior description or that any materials or articles provided by him for execution of work are unsound or of a quality inferior to that contracted for or otherwise, not in accordance with the contract (referred to as substandard work hereinafter), the Divisional Engineer in-charge shall make a demand in writing specifying the work, materials or articles about which there is a complaint.

11.2.2 **Timely action by Site-In-charge: Timely reporting and action, to a great extent, can prevent occurrence of substandard work, which will be difficult or impossible to rectify later on. It is incumbent on the part of Site-In-charge to point out the defects in work in time during progress of the work.** The Junior Telecom

Officer/Sub Divisional Engineer responsible for execution and supervision of work shall without any loss of time submit a report of occurrence of any substandard work to the Divisional Engineer in-charge besides making an entry in the site order book. A notice in respect of defective work shall be given to the contractor by Divisional Engineer in-charge in writing during the progress of work asking the contractor to rectify/replace/remove the substandard item of work and also define time period within which such rectification/removal/replacement has to be done. After expiry of the notice period, if the contractor fails to rectify/replace/remove the substandard items, the defects shall be got rectified/replaced/removed departmentally or through some other agency at the risk and cost of the contractor.

11.2.3 Non-reporting of the substandard work in time on the part of Site In charge (s) shall not in any way entitle the contractor to claim that the defects were not pointed out during execution and as such the contractor cannot be absolved of the responsibility for substandard work and associated liabilities.

11.2.4 **Authority and Procedure to accept substandard work and payment thereof:** There may be certain items of work pointed out as substandard which may be difficult to rectify and in the opinion of the Tender Issuing Authority, the items in question will not materially deteriorate the quality of service provided by the construction, Tender Issuing Authority shall appoint committee to work out the reduced rates payable to the contractor for such substandard work.

The committee shall constitute one Divisional Engineer other than the one who is directly in-charge of Cable Construction involving substandard items of work, as Chairman and one SDE

and an Accounts Officer as members. The committee shall take into account the approximate cost of material/work pointed out as substandard and recommend the rates payable for substandard work which shall not exceed 60% of the approved rates of the item in question.

- 11.2.5 Record of substandard work: The items adjudged as substandard shall be entered into the measurement book with red ink.
- 11.3 **No claim for delayed payment due to dispute etc:** No claim for interest or damage will be entertained or be payable by the BSNL in respect of any amount or balance which may be lying with the BSNL owing to any dispute, difference or misunderstanding between the parties or in respect of any delay or omission on the part of the Engineer in charge in making intermediate or final payments or in any other respect whatsoever.

12 **DISPOSAL OF EMPTY CABLE DRUMS:**

- 12.1 The contractor shall be responsible to dispose off the empty cable drums after laying of the cable. The competent authority taking into account the prevailing market rates has fixed the cost of Optical Fibre cable drums. The cost of empty cable drums shall be deducted from the bill for the work on which the cable along with the drum has been issued or any other amount due to the contractor or from security deposit.
- 12.2 **Rates fixed for Optical Fibre cable drums are given in Tender Document (Qualifying Bid). The rates are fixed and there is no percentage above or below applicable on these rates.**
- 12.3 The contractor shall be responsible for the accounting of the cable drums issued and shall mention the number of cable drums in the bill so that the amount is deducted from the bills due.
- 12.4 The contractor shall not be allowed to dump the empty cable drums in Govt., public place, which may cause inconvenience to Govt. /Public. If the contractor does not dispose off the empty cable drums within 3 days of becoming empty, the BSNL is at liberty to dispose off the drum in any manner deemed fit and also recover the amount fixed in this contract for empty cable drums along with the transportation charges to be decided by the **Competent Authority** from the bill / security deposit / any other amount due to the contractor.

13. **LIQUIDATED DAMAGES/PENALTY CLAUSE:**

13.1 **Liquidated Damages clause for Delays in the contractor's performance:**

- 13.1.1 The time allowed for completion of the work as per work order shall be strictly adhered by the contractor and shall be deemed to be the most important aspect of the contract on the part of the contractor and shall be reckoned from Seventh day from issue of work order by the BSNL. The work shall, throughout the stipulated period of contract, be proceeded with all due diligence to achieve the desired progress uniformly, and the contractor shall pay as LD for delay in execution of the work @ 0.5 % for each week of delay or part thereof, for a period up to ten weeks and thereafter @ 0.7 % for each week of delay or part thereof for another ten weeks subject to a maximum of 12 % of the cost of the work allotted as per the **work order**.
- 13.1.2 On any date, if the LD payable as above, reaches 12 (twelve) percent of the cost of the work order, the competent authority reserves the right to short close the work order and get the remaining work done at the risk and cost of the contractor.
- 13.1.3 The days on which work is not done due to reasons beyond the control of contractor, such as natural calamities, law & order situation etc., will not be accounted for in imposing the LD.
- 13.1.4 LD for delay in completion of the work shall be recoverable from the bills of the contractor and/or by adjustment from the security deposit or from the bills of any other contract. However, adjustment from security deposit will be made only when the contract has been terminated or at the time of final settlement of bills on completion of work. GST (if Applicable) on account of LD due to delay in completion of the work would be borne by vendor.
- 13.1.5 In case of slow progress of the work in a section which has been awarded to a particular contractor, if the public interest does not permit extension of time limit for completion of the work, then Tender Issuing Authority will have the full right to order that the scope of the contract

may be restricted to such fraction of the work and get the balance work executed at the risk and cost of the contractor. The details are given in Rescission of the contract clause of the bid document. All such payments shall be recovered from the contractor's pending bills or security deposit.

- 13.1.6 The Tender Issuing Authority **reserves** the right to cancel the contract and forfeit the security deposit if the contractor fails to commence the work within 7 days after issue of the work order or as the time permitted by the competent authority.

13.2 Penalty for causing inconvenience to the Public:

- 13.2.1 To ensure progress during the execution of work and to cause minimum inconvenience to the public, he shall cause to lay cable and close such trenches expeditiously. The contractor shall not leave the trenches open for more than 24 hours at a stretch in a route at a time and should take due precautions to avoid any mishap. In case of any accident, the contractor shall be fully responsible for the same and any penalty imposed on this account by any statutory authority shall be paid by the contractor. In case of failure to pay the same by the contractor it shall be recovered from his pending payment/security deposit.

- 13.2.2 The contractor shall not be allowed to dump the empty cable drums/waste materials in Govt./public place, which may cause inconvenience to Govt./Public. If the contractor does not dispose off the empty cable drums/waste materials within 3 days of becoming empty, the BSNL is at liberty to dispose off the drum in any manner deemed fit, also recover the amount fixed in this contract for empty cable drums/waste materials from the bill/security deposit/ along with the costs incurred by the BSNL in disposing off such materials. The BSNL may also levy a penalty up to Rupees One thousand only for each such default/incident.

13.3 Penalty for cutting / damaging the old cable:

- 13.3.1.1 Penalty for cutting/damaging the old cable:

During excavation of trench utmost care is to be taken by the contractor, so that the existing underground cables are not damaged or cut. In-case any damage/cut is done to the existing cables, a penalty as per the schedule given below will be charged from the contractor or the amount will be deducted from his final bill.

Size of existing UG cable Cut /damaged	Account of penalty per cut/damage
Upto100 pairs cable	Rs 3000.00 (Three thousand)
Above 100 pairs cable & up to 400 pairs	Rs 5000.00 (Five thousand)
Above 400 pairs	Rs 10000.00 (Ten thousand)

For OF Cable Penalty for cutting/damaging will be as below:

Type of cable Cut /damaged	Charges per fault for penalty and compensation
OF Cable of any size	Rs 25000.00 (Twenty Five thousand)

Besides the above penalty, the contractor shall carry out such repairs for restoration of the damaged cable free of charge. The cost of jointing kit, shall also be borne by the contractor. If contractor fails to repair the damage, the cost of repair (including cost of Labour + Jointing kit) shall be recovered from the contractor

- 13.3.2 **Penalty to damage stores/materials supplied by the BSNL while laving:**

The contractor while taking delivery of materials supplied by the BSNL at the designated place shall thoroughly inspect all items before taking them over. In case of execution of the work, if any material is found damaged/working unsatisfactorily, then a penalty equivalent to the cost of material + 10% as penalty shall be recovered from the contractor's payments/securities.

However, contractor will not be penalized for any defect in workmanship of the materials, which shall be taken up separately with the supplier of the stores.

- 13.3.3 **Penalty to damage the underground installation of other agencies:**

While trenching, the contractor should not cause damage to any underground installations belonging to other agencies and any damage caused should be made good at his own cost and expenses.

- 13.3.4 **Penalty for achieving lower depth** : In no case the statutory depth of boring should be (i) less than 2 mtr. from the road / ground surface and (ii) less than 1.65 mtrs at the pits. In order to encourage the contractor to achieve required depth in the face of site constraints, the following payment schedule with penalty are to be adhered to for boring at lesser depths subject to condition that relaxation has been granted by the competent authority for lesser depths.

- (i) For ground surfaces (other than pits) :

Actual Micro-tunneling (HDD) depth between	Penalty
< 2 Mtr. to > 1.50 Mtr	10% of approved rate
<1.5 Mtr	No payment. To be treated as non-standard work

- (ii) For pits :

Actual Micro-tunneling (HDD) depth between	Penalty
< 1.65 Mtr. to > 1.50 Mtr	10% of approved rate
<1.5 Mtr	No payment. To be treated as non-standard work.

14 **RESCISSION / TERMINATION OF CONTRACT:**

- 14.1 **Circumstances for rescission of contract:** Under the following conditions the Tender Issuing Authority may rescind the contract:

- (i) If the contractor commits breach of any item of terms and conditions of the contract.
- (ii) If the contractor suspends or abandons the execution of work and the engineer in-charge of the work comes to conclusion that work could not be completed by due date for completion or the contractor had already failed to complete the work by that date.
- (iii) If the contractor had been given by the officer-in-charge of work a notice in writing to rectify/replace any defective work and he/she fails to comply with the requirement within the specified period.

- 14.2 Upon rescission of the contract, the security deposit of the contractor shall be liable to be forfeited and shall be absolutely at the disposal of the BSNL as under:

- 14.3 Measurement of works executed since the date of last measurement and up to the date of rescission of contract shall be taken in the presence of the contractor or his authorized representative who shall sign the same in the MB. If the contractor or his authorized representative do not turn up for joint measurement, the measurement shall be taken by the officer authorized for this purpose after expiry of due date given for joint measurement. The measurement taken by the officer so authorized shall be final and no further request for joint measurement shall be entertained.

- 14.3.1 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.

- 14.3.2 The un-executed work shall be got executed through the qualified bidder from amongst the bidders, who participated in the bidding process, by giving them offers in their order of ranking (L2, L3...) at their quoted rates. If the work was awarded on single tender basis then the BSNL shall get the unexecuted work completed through any other contractor approved in the area of Tender Issuing Authority at the approved rates of that particular section or to execute the work departmentally, as is convenient or expedient to the BSNL at the risk and cost of the contractor. In such a event no compensation shall be payable by the BSNL to the contractor towards any inconvenience/loss that he may be subjected to as a result of such an action by the BSNL. In this

regard the decision of **Tender Approving Authority** shall be final and binding. In all these cases, expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him shall be borne and paid by the original contractor and shall be deducted from any money due to him by the BSNL under the contract or his any other account whatsoever anywhere in the BSNL or from a security deposit.

14.3.3 The certificate of the Divisional Engineer in-charge of work as to the value of work done shall be final and conclusive against the contractor, provided always that action shall only be taken after giving notice in writing to the contractor.

14.4 Termination for Insolvency:

14.4.1 The BSNL may at any time terminate the Contract by giving written notice to the Contractor, without compensation to contractor, if the contractor becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to the BSNL.

14.4.2 Optional Termination by BSNL (other than due default of the contractor):

The BSNL may, at any time, at its option cancel and terminate this contract by written notice to the contractor, in which event the contractor shall be entitled to payment for the work done up to the time of such cancellation. In the event of the termination of the contract, the contractor shall forthwith clear the site of all the contractor's materials, machinery and equipments and hand over possession of the work / operations concerned to the BSNL or as the BSNL may direct. The BSNL may, at its option, cancel or omit the execution of one or more items of work under this contract or any part of such items without any compensation, whatsoever, to the contractor.

14.4.3 Issuance of Notice:

The Divisional Engineer in-charge of work shall issue show cause notice giving details of lapses, violation of terms and conditions of the contract, wrongful delays or suspension of work or slow progress to the contractor directing the contractor to take corrective action. A definite time schedule for corrective action shall be mentioned in the show cause notice. If the contractor fails to take corrective action within the stipulated time frame, the Divisional Engineer in-charge shall submit a draft of final notice along with a detailed report to the competent authority who had accepted the contract for approval.

14.4.4 The **final notice for rescission of contract** to the contractor shall expressly state the precise date and time from which the rescission would become effective. The following safe guards shall be taken while issuing the final notice.

- a) During the period of service of notice and its effectiveness, the contractor should not be allowed to remove from the site any material/equipment belonging to the BSNL.
- b) The contractor shall give in writing the tools and plants he would like to take away/remove from the site. Such of the materials as belong to him and which may not be required for future execution of balance work may be allowed by the Divisional Engineer in-charge of work to be removed with proper records.
- c) No new construction beneficial to the contractor shall be allowed.
- d) Adequate BSNL security arrangement in replacement of the contractor watch and ward shall be made forthwith. Expenses on this account are recoverable from the security deposit or any amount due to the contractor.

15 INDEMNITIES :

15.1 The contractor shall at all times hold the BSNL harmless and indemnify BSNL from and against all action, suits, proceedings, works, cost, damages, charges claim and demands of every nature and descriptions, brought or procured against the BSNL, its officers and employees and forthwith upon demand and without protest or demur to pay to the BSNL any and all losses and damages and cost (inclusive between attorney and client) and all costs incurred in endorsing this or any other indemnity or security which the BSNL may now or at any time have relative to the work or the contractors obligation

or in protecting or endorsing its right in any suit on other legal proceeding, charges and expense and liabilities resulting from or incidental or in connection with injury, damages of the contractor or damage to property resulting from or arising out of or in any way connected with or incidental to the operations caused by the contract documents. In addition, the contractor shall reimburse the BSNL or pay to the BSNL forthwith on demand without protest or demur all cost, charges and expenses and losses and damages otherwise incurred by it in consequences of any claim, damages and actions which may be brought against the BSNL arising out of or incidental to or in connection with the operation covered by the contractor.

15.2 The contractor shall at his own cost at the BSNL's request defend any suit or other proceeding asserting a claim covered by this indemnity, but shall not settle, compound or compromise any suit or other finding without first consulting the BSNL.

16 FORCE MAJEURE:

16.1 If any time, during the continuance of this contract, the performance in whole or in part by either party or any obligation under this contract shall be prevented or delayed by reason 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 (Herein after 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 such claim for damages against the other in respect of such non-performance and work under the contract shall be resumed as soon as practicable after such event may come to an end or cease to exist, and the decision of the BSNL as to whether the work has been so resumed or not shall be final and conclusive, provided further that if the performance, in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may, at his option terminate the contract.

16.2 Provided also that if the contract is terminated under this clause, the BSNL shall be at liberty to take over from the contractor at a price to be fixed by the BSNL, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in the course of execution of the contract, in possession of the contractor at the time of such termination of such portions thereof as the BSNL may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the BSNL select to retain.

17. ARBITRATION

I. ARBITRATION (Applicable in case of supply orders/Contracts with firms, other than Public Sector Enterprise) (Not applicable in cases 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:

- (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.

(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 Rs. 5 crores	3 Arbitrators	One arbitrator by each party and the 3 rd arbitrator, who shall be the presiding arbitrator, by the two arbitrators. BSNL will appoint its arbitrator from its panel.

(3) Neither party shall appoint its serving employee as arbitrator.

4. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated 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.

5. Parties agree that neither party shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.

6. Unless otherwise decided by the parties, Fast Track procedure as prescribed in Section 29 B of the Arbitration Conciliation Act, 1996 and amended in 2015 for resolution of all disputes shall be followed, where the claim amount is upto Rs. 5 crores.

[29B. Fast track procedure – (1) *Notwithstanding 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 the 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 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 29 A 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.]

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 the reference)
Up to Rs. 5 crores	Within 6 months (Fast Track procedure)
Above Rs. 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 terms of provisions of the Act.

8. In case of 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 his travel/stay and the expenses incurred shall be shared equally by the parties.

9. The Arbitration proceeding shall be held at New Delhi or Circle or SSA Headquarter (as the case may be).

10. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 amended in 2015 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

II. In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contracts between Central Public Sector Enterprises(CPSEs)/Port Trusts inter se and also between CPSEs and Government Department(s)/organisations(s)(excluding disputes concerning Railways, Income Tax, Customs & Excise departments). Such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM no. 4(1) 2013-DPE(GM)/FTS-1835 dt. 22.5.2018.

III APPLICABLE LAW AND JURSDICTION

(a) 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 from where the Purchase Order has been placed.

(b) 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 any way.

18. SET OFF:

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. In case of set off of the security deposit 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, the GST on such set off will be borne by the supplier. GST would not be liable on security deposit. But if supplier's security deposit is set off 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, then GST would be levied on such amount as being set off".

19. TAX INDEMNITY CLAUSE:

BSNL has the right to recover Input Tax Credit loss suffered by it due to any mis-declaration on invoice by the supplier.

----- END OF SECTION V -----

Section-VI

E-TENDERING INSTRUCTIONS TO BIDDERS

General

The Special Instructions (for e-Tendering) supplement ‘Instruction to Bidders’, as given in this Tender Document. **Submission of Online Bids is mandatory for this Tender.**

E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, BSNL, CHTD has decided to use the E tender portal (<https://eprocure.gov.in/eprocure/app>) through E- tender portal, Benefits to Suppliers are outlined on the Home-page of the e tender portal.

Instructions

1. Tender Bidding Methodology

Sealed Bid System – ‘Single Stage – TWO Envelope’. In case of two envelope system Financial and Techno-commercial BIDS shall be submitted by the Bidder at the same time. E-Reverse Auction/ negotiation (if required by BSNL CHENNAI TELEPHONES) after opening of Financial bids.

2. Broad outline of activities from Bidders prospective

1. Procure a Digital Signing Certificate (DSC)
2. Register on e- tender portal ([https:// etenders.gov.in/eprocure/app](https://etenders.gov.in/eprocure/app)) Create Users and assign roles on e- tender portal (<https://etenders.gov.in/eprocure/app>)
3. View DNIT on e-tender portal (<https://etenders.gov.in/eprocure/app>)
4. Download Official Copy of Tender Documents from E-TENDER PORTAL
5. Bid-Submission on E-TENDER PORTAL
 - a) Please take care to scan documents that total size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However, it shall be sole responsibility of bidder that the uploaded documents remain legible.
 - b) Utmost care may be taken to name the files/documents to be uploaded on E-TENDER PORTAL. There should be no special character or space in the name of file. Only underscores are allowed. The illustrative examples are given below:-

File name	Allowed or not allowed in E- TENDER PORTAL	Reason for allowed / not allowed
QA Certificate	not allowed	Space in between words / characters not allowed
QA Certificate(1)	not allowed	Special characters not allowed
QA_Certificate	allowed	Under score allowed between words /characters
QA_Certificate	allowed	Upper & lower cases allowed

- c) It is advised that **all the documents to be submitted (See clause 5 of Section VI) are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.** BOQ may be downloaded and rates may be filled appropriately. This file may also be saved in a secret folder on your computer. The names & total size of each document (Preferably below 5 MB) may be checked.
6. Attend Public Online Tender Opening Event (TOE) on E- TENDER PORTAL : Opening of Techno-commercial Part
7. View Post-TOE reports posted by BSNL on E- TENDER PORTAL.

8. Attend Public Online Tender Opening Event (TOE) on E- TENDER PORTAL: Opening of Financial-Part (Only for Technical Responsive Bidders)
9. View Post-TOE reports posted by BSNL on E- TENDER PORTAL.

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the E- TENDER PORTAL.

3. Digital Certificates

For integrity of data and its authenticity/ non-repudiation of electronic records, and be compliant with IT Act 2000, **it is necessary for each user/contractor to have a Digital Certificate (DC)**. Also referred to as Digital Signature Certificate (DSC), of Class 2 or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

4. Registration

To use the e-tender portal (<https://eprocure.gov.in/eprocure/app> Vendor/Contractor need to register on the e-tender portal. The vendor should visit the home-page of the e tender portal (<https://eprocure.gov.in/eprocure/app> and go to the e-procure link then select **Bidders Manual Kit**.

To use the Electronic Tender® e tender portal (<https://eprocure.gov.in/eprocure/app>), vendors need to register on E-Tender portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. For further details, please visit the website/e tender portal, and click on the 'Register Me' tab on the Home Page), and follow further instructions as given on the site.

Pay Annual Registration Fee as applicable.

Note: After successful submission of Registration details and Annual Registration Fee (as applicable), please contact the company providing e-tender. Helpdesk (as given below), to get your registration accepted/activated.

Helpdesk	
Telephone	0120-4001002, 0120-4001005, 0120-6277787
E-mail ID	eproc@nic.in , cppp-doe@nic.in

5. Method for submission of bid documents

In this tender the bidder has to participate in e-tender online.

List of Documents to be submitted OFFLINE for eligibility to open ONLINE Technical Bid Folder'
1. Tender fee (Exempted for MSME Vendors)
2 . Bid Security Declaration certificate in original
3. Registered Power of Attorney (duly registered with sub registrar)/Resolution of Board of Directors, authorizing individual(s)including the person with whose DSC the tender is submitted on e-tendering portal (if and as applicable).
4. Attested copy of Latest and Valid MSE/NSIC Certificate duly certified by MSME/NSIC if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC/ST category, proof in this regard also need to be submitted along with UAM certificate.
5. Original Solvency Certificate <i>For works costing up to Rs. 20 lakhs-solvency certificate should be of Rs. 5 lakhs; For works costing more than 20 lakhs– solvency certificate should be of Rs. 10 lakhs. The solvency certificate shall not be older than 3 months from the date of issue of NIT.</i>
6. Declaration of Genuineness of Documents with signature and Seal.

List of Documents in the ‘Technical Bid Folder’ to be uploaded on e-tendering portal	
1.	Scanned copy of the duly filled and signed Bid Form, Section-II of the tender document.
2.	Scanned copy of the duly filled and signed Tenderer’s Profile, Section-III of the tender document.
3.	Attested copy of Latest and Valid MSE/NSIC Certificate duly certified by MSME/NSIC if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC/ST category, proof in this regard also need to be submitted along with UAM certificate.
4.	Scanned Copy Demand Draft /Bankers Cheque proof for on line payment of requisite value towards the price of tender document as per DNIT.
5.	Scanned Copy of Bid Security Declaration certificate
6.	Scanned copy of PAN card
7.	Scanned copy of the valid EPF Registration Certificate.
8.	Scanned copy of the valid ESI Registration Certificate.
9.	Scanned copy of the valid GSTIN Registration Certificate.
10.	Scanned copy of Solvency certificate from the banker of the tenderer: <i>For works costing up to Rs. 20 lakhs-solvency certificate should be of Rs. 5 lakhs; For works costing more than 20 lakhs– solvency certificate should be of Rs. 10 lakhs. The solvency certificate shall not be older than 3 months from the date of issue of NIT.</i>
11.	Copy of ITR for last three FY (2017-2018,2018-2019 and 2019-2020) and Audited financial statements for FY (2017-2018,2018-2019 and 2019-2020)
12.	Scanned copy of the Experience Certificate(s) as per DNIT in the prescribed pro-forma (Annexure-B).
13.	Scanned copy of the documents, as applicable, in support of registration of the Company/Firm/Proprietorship: <ul style="list-style-type: none"> ➤The registration of the firm, authenticated copy of partnership deed in cases of partnership firm or Certificate of Incorporation in case of the company. ➤Attested copy of Articles of Association duly registered with Registrar of Company affairs, in case of Limited/Pvt. Limited Company . ➤Duly executed Affidavit, stating that tenderer is the sole proprietor of the firm or any document issued by the taxation authorities stating that tenderer is the sole proprietor of the firm, in case of proprietorship firm.
14.	Scanned copy of Registered Power of Attorney (duly registered with sub registrar)/Resolution of Board of Directors, authorizing individual(s)including the person with whose DSC the tender is submitted on e-tendering portal (if and as applicable).
15.	Signed tender document on each and every page without any alternation/ digitally uploaded in PDF format with digital signature of the authorized signatory on the document without any alternation
16.	Scanned copy of No Near relative certificate(s) in the prescribed pro-forma as per Annexure-A.
17.	Scanned copy of duly completed Declaration about Genuineness of Documents/Certificates as per Annexure-C.
18.	A self-declaration along with the evidence that the bidder is not black listed by GST authorities
19.	Proof of Ownership/Lease of HDD/GPRS machine

Contents of second envelope i.e. Financial Envelope
Schedule for Quoting the Rates(i.e .Section XX)

Note:

- (i) If some document is not applicable for the bidder then he has to upload scanned copy of paper mentioning **‘The document <name> called vide clause _____ is not applicable on us.**
- (ii) If document asked for contains more than one page then all those pages may be uploaded in one PDF file.

6. Price Schedule /Schedule of Quoting Rates

Utmost care may kindly be taken to upload price schedule / Schedule of Quoting Rates. Any change in the format of Price Schedule / Schedule of Quoting Rates file shall render it unfit for bidding. Following steps may be followed-

1. Down load Price Schedule / Schedule of Quoting Rates.
2. Fill rates in down loaded Price Schedule / Schedule of Quoting Rates
3. Save filled copy of downloaded price schedule / Schedule of Quoting Rates file in your computer and remember its name & location for uploading correct file (duly filled in) when required.

For further instructions, the vendor should visit the home-page of the e tender portal (<https://eprocure.gov.in/eprocure/app>). The compatible support software (PDF Converter, Java, etc) for online bid submission may be downloaded from E-tender portal or anywhere else.

The help information provided through ‘E- TENDER PORTAL User-Guidance Center’ is available in three categories – Users intending to Register / First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier organizations. Various links are provided under each of the three categories.

Important

Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of E-TENDER PORTAL.

Note: The special instructions to contractors/Bidders for e-submission of bids online through (<https://eprocure.gov.in/eprocure/app>) which are mentioned below for ready reference-

1. Bidder should do the registration in the tender site (<https://eprocure.gov.in/eprocure/app>) name using the option available. Then the Digital Signature registration has to be done with the e-token, after logging into the site. The e-token may be obtained from one of the authorized Certifying Authorities such as NIC Certifying Authority (NICCA)/MTNL/SIFY/TCS / nCode/eMudhra.
2. Bidder then login to the site thro’ giving user id / password chosen during registration.
3. The e-token that is registered should be used by the bidder and should not be misused by others.
4. The Bidders can upload well in advance, the documents such as certificates, purchase order details etc., under **My Documents** option and these can be selected as per tender requirements and then send along with bid documents during bid submission.
5. After downloading/getting the tender schedules, the Bidder should go thro’ them carefully and then submit the documents as asked, otherwise, the bid will be rejected.
6. If there are any clarifications, this may be obtained online thro’ the tender site, or thro’ the contact details. Bidder should take into account of the corrigendum published before submitting the bids online.
7. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/xls/rar/dwf formats. If there is more than one document, they can be clubbed together.

8. The bidder reads the terms & conditions and accepts the same to proceed further to submit the bids.
9. The bidder has to submit the tender document online well in advance before the prescribed time to avoid any delay or problem during the submission process.
10. After the bid submission, the acknowledgement number, given by the e-tendering system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender.
11. The **Tender Approving Authority (TIA)** will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders.
12. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected
13. The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
14. All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening. Overall, the submitted tender documents become readable only after the tender opening by the authorized individual.
15. The confidentiality of the bids is maintained since the secured Socket Layer 128 bit encryption technology is used. Data storage encryption of sensitive fields is done.
16. The bidders are requested to submit the bids through online e-tendering system to the TIA well before the bid submission end date & time (**as per Server System Clock**).
17. **The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) option in the browser.**

7. Key Instructions for Bidders

The following '**FOUR KEY INSTRUCTIONS for BIDDERS**' must be assiduously adhered to

1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender Submission deadline on E-TENDER PORTAL.
2. Register your organization on E-TENDER PORTAL well in advance of your first tender submission deadline on E- TENDER PORTAL.
3. Get your organization's concerned executives trained on E- TENDER PORTAL using online training module well in advance of your tender submission deadline on E- TENDER PORTAL.
4. Submit your bids well in advance of tender submission deadline on E- TENDER PORTAL, as there could be last minute problems due to internet timeout, breakdown, etc.
(BSNL should not be responsible for any problem arising out of internet connectivity issues).

While the first three instructions mentioned above are especially relevant to first-time users of E-TENDER PORTAL, the fourth instruction is relevant at all times.

8. Minimum Requirements at Bidders end

- Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP)
- 2 Mbps Broadband connectivity with UPS.
- Microsoft Internet Explorer 11.0 or above
- Digital Certificate(s) for users.

----- END OF SECTION VI -----

SECTION VII

SPECIAL CONDITIONS OF CONTRACT

1. GENERAL :

- 1.1 The work shall be accepted only after Acceptance Testing carried out by BSNL team, designated by the BSNL, as per prescribed schedule and work/material passing the test successfully.
- 1.2 The BSNL reserves the right to disqualify such bidders who have a record of not meeting contractual obligations against earlier contracts entered into with the BSNL.
- 1.3 The BSNL reserves the right to black list a bidder for a suitable period in case he fails to honour his bid without sufficient grounds.
- 1.4 The BSNL reserves the right to counter offer price(s) against price(s) quoted by any bidder.
- 1.5 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 amendment of relevant clauses of the bid documents.
- 1.6 Tender will be evaluated as a single package of all the items given in the price schedule.
- 1.7 All work to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Divisional Engineer or Site Engineer in-charge of work site who shall be entitled to direct at what point or points and what manner they are to be commenced.
- 1.8 The work in each section may be split up between two or more contractors or accept any tender in part and not entirely if considered expedient by the Tender Approving Authority.
- 1.9 If the contractor shall desire an extension of time for completion of the work on the grounds of unavoidable hindrance in execution of work or any other ground he shall apply in writing to the Divisional Engineer on the same day of occurrence of hindrance on account of which he desires such extension as aforesaid. In this regard the decision of **Tender Approving Authority** shall be final.
- 1.10 If at any time after the commencement of the work, the BSNL may feel that execution of whole or part of work, as specified in the tender is not required to be carried out, then the BSNL shall give notice in writing of the fact to the contractor who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived in consequence of the full amount of the work not having been carried out neither shall he have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated.
- 1.11 Whenever any claims against the contractor for the payment of a sum of money arises out of or under the contract, the BSNL shall be entitled to recover such sum by appropriating in part or whole of the security deposit of the contractor, and to sell any Government promissory notes etc., forming the whole or part of such security or Final bill pending against any contract with the BSNL. In the event of the security being insufficient or if no security has been taken from the contractor, then the balance or the total sum recoverable as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due to the contractor under this or any other contract with BSNL. Should this sum be not sufficient to cover the full amount recoverable the contractor shall pay to BSNL on demand the balance remaining due.
- 1.12 No official of Gazetted rank or other Gazetted officer employed in Engineering or administrative duties in an Engineering Department or any other Department of the Government of India is allowed to work as a contractor for a period of two years after his

retirement from Government service without the previous permission of Government of India. This contract is liable to be cancelled if either the contractor or any of his employee is found at any time to be such a person who had not obtained the permission of Government of India as aforesaid before submission of the engagement in the contractor's service as the case may be.

- 1.13 In the event of the contractor being adjudged insolvent or going voluntarily into liquidation of having received order or other order insolvency act made against him or in the case of company, of the passing of any resolution, or making of any order for winding up whether voluntarily or otherwise, or in the event of the contractor failing to comply with any of the conditions herein specified, the **Tender Approving Authority**, shall have the power to terminate the contract without any notice.
- 1.14 Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the **Tender Approving Authority** on behalf of the BSNL can terminate the contract without compensation to the contractor. However, **Tender Approving Authority**, at his discretion may permit contractor's heirs to perform the duties or engagements of the contractor under the contract, in case of his death. In this regard the decision of **Tender Approving Authority** shall be the final.
- 1.15 In the event of the contractor, winding up his company on account of transfer or merger of his company with any other, the contractor shall make it one of the terms and stipulations of the contract for the transfer of his properties and business, that such other person or company, shall continue to perform the duties or engagement of the contractor under this contract and be subject to his liabilities there under.
- 1.16 **Interpretation of the contract document:**
- 1.16.1 The representative of **Tender Approving Authority** and the contractor shall in so far as possible by mutual consultation, try to decide upon the meaning and intent of the contract document. In case of disagreement, the matter shall be referred to the Competent Authority whose decision shall be final. Any change in the contract documents shall be set forth in writing by the representative of the parties hereto. It shall be the contractor's responsibility to thoroughly familiarize all of his supervisory personnel with the contents of all the contract documents.

1.2 **Notification:**

- 1.2.1 The contractor shall give in writing to the proper person or authority with a copy to the Divisional Engineer such notification as may be mandatory or necessary in connection with the commencement, suspension, resumption, performance and / or completion of the contracted work. All notice shall be given sufficiently in advance of the proposed operation to permit proper correlation of activities and the contractor shall keep all proper persons to authorities involved and advised of the progress of operations throughout the performance of the work and/or with such other information and /or supporting figure and data as may from time to time as directed or required.

1.3 **Shut down on account of weather conditions:**

- 1.3.1 The contractor shall not be entitled to any compensation whatsoever by reason of suspension of the whole or any part of the work made necessary by the BSNL or deemed advisable on account of bad weather conditions or other Force majeure conditions.

2. **STORES SUPPLIED BY THE BSNL:**

- At no point of time the contractor shall be issued stores of value more than the contractor's material security as per clause number 5 (i) of Section V. If at all, the work requires more amount of materials to be issued to the contractor, then the material security shall correspondingly be enhanced to an amount equal to cost of the material/stores to be issued before the issue of the store and the contractor will not have any objection to it.
- **The contractor shall transport (including loading and unloading) all stores issued to him from the Main Store, to the site of work at his own cost. The BSNL shall not pay any transportation charges to the contractor.**
- All materials supplied to the contractor by the BSNL shall remain the absolute property of BSNL and shall not be removed from site of the work except for use in the work and shall be at all times open to inspection by the Representative of Tender Issuing Authority.
In case the materials like cable and accessories are taken delivery of by the contractor and stored at the site office/store of the contractor such site office / store will also be treated "as

site” for this purpose. Any such material remaining unused at the time of the abandonment, completion or determination of the contract shall be returned to the BSNL at a place informed to him by the BSNL, failing which the cost of the unused materials shall be deducted from the contractor’s material security or any of his pending bills or from any other security.

- 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.
- The contractor shall submit a proper account every month of all the materials supplied to him by the BSNL and those consumed for items of work. Any discrepancy of difference between the materials issued to the contractor and those consumed in the work as per the “BSNL’s calculation” (which shall be final) will be charged to the contractor or deducted from his bills at 1.5 times of prevailing standard price including freight, handling charges, storage charges etc.
- The contractor shall ensure that only the required materials are issued to him. Upon completion of work, the contractor shall return to the BSNL. at the later designated store in good condition, free of charges, any unused materials that were supplied by the BSNL.

3. **EASEMENTS, PERMITS, LICENCE AND OTHER FACILITIES:**

The contractor shall obtain/provide at his own cost all easements, permits and license necessary to do its work e.g.

- A) “Right of User” easements and permits.
- B) Railway and Highway crossing permits including bridge.
- C) Canal / Stream crossing permits.

- 3.1 The successful bidder will be required to prepare route diagram in required format as asked by RoW authorities free of cost and shall be responsible for obtaining “Right of User” easements & permits (RoW permission). But, tendering authority shall make necessary payments towards RoW charges.**
- 3.2 The contractor shall be fully responsible for angling and obtaining all necessary easements, permits and licenses, for moving all construction equipment, tools, supplied materials and men across Railways and Highways, across public or private road as well as premises of any public utility within the right of user and for bearing all costs that may be incurred in respect of the same.
- 3.3 The contractor is to confine his operation to the provided construction “Right of User” unless it has made other arrangement with the particular property owners and / or tenants such other arrangements shall be entirely at the responsibility of the contractor as to cost and arrangement as also breach and claim and shall be entitled with a copy to the Divisional Engineer.
- 3.4 The contractor will not be entitled to extra compensation for hardship and increase in cost by the cable trench being routed adjacent to or across other pipeline, Highways, Railways, telephones or poser poles and wires or guy wires, embankments, cliffs, streams or other obstacles which may physically or otherwise in any manner, restrict or limit the use of the construction “Right of User”. Such construction and such contingency shall be deemed to have been provided for in the rates.
- 3.5 At location where the OF cable trench is routed across or along railways or roads the contractor shall without extra cost provide and maintain such detours and road controls as are required by the railways or government or local agencies having jurisdiction.

- 3.6 Due to any reason, if above mentioned permits etc. could not be arranged in time then the extension of time limit shall be provided as per EOT clause given in tender document.

4. QUALITY OF WORK:

The BSNL shall be the final judge of the quality of the work and the satisfaction of the BSNL in respect thereof set forth in the contract documents. Laxity or failure to enforce compliance with the contract documents by the BSNL and / or its representative shall not manifest a change or intent of waiver, the intention being that, notwithstanding the same, the contractor shall be and remain responsible for complete and proper compliance with the contract documents and the specification therein. The representative of Tender Issuing Authority has the right to prohibit the use of men and any tools, materials and equipment which in his opinion do not produce work or performance to meet the requirement of the contract documents.

5. TAXES AND DUTIES :

Contractor shall pay all rates, levies, fees royalties, taxes and duties payable or arising from out of, by virtue of or in connection with and/or incidental to the contract or any of the obligations of the parties in terms of the contract documents and / or in respect of the works or operations or any part thereof to be performed by the contractor and the contractor shall indemnify and keep indemnified the BSNL from and against the same or any default by the contractor in the payment thereof. However, service tax (GST) shall be paid extra by BSNL as applicable.

6. LABOUR WELFARE MEASURES AND WORKMAN COMPENSATION:

6.1 Obtaining License before commencement of work:

The contractor shall obtain a valid labour license under the Contract Labour (R&A) Act 1970 and the Contract Labour (Regulation and Abolition) Central Rules 1971, before commencement of the work, and continue to have a valid license until the completion of work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act 1986. Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out of the resultant non-execution of work.

6.2 Contractors Labour Regulations:

6.2.1 Working hours:

Normally working hours of an employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.

1. When a worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid over time for the extra hours put in by him.
2. Every worker shall be given a weekly holiday normally on a Sunday, in accordance with the provisions of Minimum Wages (Central) Rules 1960, as amended from time to time, irrespective of whether such worker is governed by the Minimum Wages Act or not.
3. Where the minimum wages prescribed by the Government, under the Minimum Wages Act, are not inclusive of the wages for the weekly day of rest, the worker shall be entitled to rest day wages, at the rate applicable to the next preceding day, provided he has worked under the same contractor for a continuous period of not less than 6 days.
4. Where a contractor is permitted by the Engineer-in-charge to allow a worker to work on a normal weekly holiday, he shall grant a substituted holiday to him for the whole day, on one of the five days, immediately before or after the normal weekly holiday, and pay wages to such worker for the work performed on the normal weekly holiday at the overtime rate.

6.2.2 Display of Notice Regarding Wages Etc.

The contractor shall, before he commences his work on contract, display and correctly maintain and continue to display and correctly maintain, in a clear and legible condition in conspicuous places on the work, notices in English and in local Indian languages spoken by the majority of the workers, giving the minimum rates of the wages fixed under **Minimum Wages Act 1948**, the actual wages being paid, the hours of work for which such wage are earned, wages periods, dates of payments of wages and other relevant information.

6.2.3 Payment of Wages;

- a. The contractor shall fix wage periods in respect of which wages shall be payable. No wage period shall exceed one month.
- b. The wages of every person employed as contract labour in an establishment or by a contractor, where less than one thousand such persons are employed, shall be paid before the expiry of seventh day and in other cases before the expiry of tenth day after the last day of the wage period in respect of which the wages are payable.
- c. Where the employment of any worker is terminated by or on behalf of the contractor, the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.
- d. All payment of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period, final payment shall be made within 48 hours of the last working day.
- e. Wages due to every worker shall be paid to him direct or to other person authorized by him in this behalf. The payment to the contract workers is to be paid through Account payee cheque or online in the presence of authorized representative of BSNL.
- f. Wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the Payment of Wages Act, 1936.
- g. The contractor /bidders /supplier shall comply with all the applicable labour laws, inter alia, the provisions of the **“Payment of Wages Act 1936, and the Minimum Wages Act 1948** or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
- h. A notice showing the wages period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-in-charge under acknowledgement.
- i. The contractor shall obtain from the site Engineer or any other authorized representative of the Engineer-in-charge, as the case may be, a certificate under his signature at the end of the entries in the “Register of Wages” or the “Wage-cum-Muster Roll”, as the case may be, in the following form:-

“Certified that the amount shown in the column No.....has been paid to the workman concerned in my presence on.....at.....”

6.2.4 Fines and deductions which may be made from wages

6.2.4.1 The wages of a worker shall be paid to him without any deduction of any kind except the following:-

- a) Fines
- b) Deductions for absence from duty i.e. from the place or the places where by the terms of his employment he is required to work. The amount of deduction shall be in proportion to the period for which he was absent.
- c) Deductions for damage to or loss of goods expressly entrusted to the employed person for custody, or for loss of money or any other deductions which he is required to account, where such damage or loss is directly attributable to his neglect or default,

- d) Deduction for recovery of advances or for adjustment of overpayment of wages, advances granted shall be entered in a register.
 - e) Any other deductions, which the Central Government may from time to time, allow.
- 6.2.4.2 No fines should be imposed on any worker save in respect of such acts and omissions on his part as have been approved of by the Labour Commissioner.
- 6.2.4.3 No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.
- 6.2.4.4 Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.

6.2.5 Labour records

The contractor shall maintain a **Register of Persons employed** on work on contract in Form XIII of the Contract Labour (R&A) Central Rules 1971.

The contractor shall maintain a **Mustor Roll** register in respect of all workmen employed by him on the work under Contract in Form XVI of the CL (R&A) Rules 1971.

The contractor shall maintain a **Wage Register** in respect of all workmen employed by him on the work under contract in Form XVII of the CL (R&A) Rules 1971.

6.2.6 Register of accidents – The contractor shall maintain a register of accidents in such form as may be convenient at the work place but the same shall include the following particulars:

- a) Full particulars of the labourers who met with accident.
- b) Rate of wages.
- c) Sex
- d) Age
- e) Nature of accident and cause of accident
- f) Time and date of accident
- g) Date and time when admitted in hospital
- h) Date of discharge from the hospital
- i) Period of treatment and result of treatment
- j) Percentage of loss of earning capacity and disability as assessed by Medical Officer.
- k) Claim required to be paid under Workmen's Compensation Act.
- l) Date of payment of compensation.
- m) Amount paid with details of the person to whom the same was paid.
- n) Authority by whom the compensation was assessed.
- o) Remarks

The contractor shall maintain a Register of Fines in the Form XII of the CL (R&A) Rules-1971. The Contractor shall display in a good condition and in a conspicuous place of work the approved list of acts and omission for which fines can be imposed. The contractor shall maintain a Register of deductions for damage or loss in form XX of the CL (R&A) Rules 1971. The contractor shall maintain a Register of Advances in Form XXIII of the CL (R&A) Rules 1971. The contractor shall maintain a Register of Overtime in Form XXIII of the CL (R&A) Rules 1971. The contractor shall deposit EPF and ESI subscription to concerned authorities of the person employed by him as per provision of EPF and ESI Acts and maintain the necessary records as per the requirement under EPF & ESI rules.

6.2.7 Attendance card-cum wage slip

The contractor shall issue an Attendance card cum wage slip to each workman employed by him.

1. The card shall be valid for each wage period. The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before he actually starts work. The card shall remain in possession of the worker during the wage period under reference. The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under reference.

The contractor shall obtain the signature or thumb impression of the worker on the wage slip at the time of disbursement of wages and retain the card with him.

6.2.8 Employment card

The contractor shall issue an Employment Card in the Form XIV of CL (R&A) Central Rules 1971 to each worker within three days of the employment of the worker.

6.2.9 Service certificate

On termination of employment for any reason whatsoever the contractor shall issue to the workman whose services have been terminated, a Service Certificate in the Form XV of the CL (R&A) Central Rules 1971.

6.2.10 Preservation of labour records

The Labour records and records of Fines and deductions shall be preserved in original for a period of three years from the date of last entries made in them and shall be made available for inspection by the Engineer-in-charge or Labour Officer or any other officers authorized by the BSNL in this behalf.

6.3 Power of labour officer to make investigations or enquiry

The labour officer or any person authorized by the Central Government on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of Fair Wage Clauses and provisions of these Regulations. He shall investigate into any complaint regarding the default made by the contractor in regard to such provision.

6.4 Report of Investigating officer and action thereon

The Labour Officer or other persons authorized as aforesaid shall submit a report of result of his investigation or enquiry to the Engineer in-charge indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues be paid to the labourers concerned. The Engineer in-charge shall arrange payments to the labour concerned within 45 days from the receipt of the report from the Labour Officer or the authorized officer as the case may be.

6.5 Inspection of Books and Slips

The contractor shall allow inspection of all the prescribed labour records to any of his workers or to his agent at a convenient time and place after due notice is received or to the Labour Officer or any other person, authorized by the Central Government on his behalf.

6.6 Submission of Returns

The contractor shall submit periodical returns as may be specified from time to time.

6.7 Amendments

The Central Government may from time to time add to or amend the regulations and on any question as to the application / interpretation or effect of those regulations.

7. PROTECTION OF LIFE AND PROPERTY AND EXISTING FACILITIES:

1. The contractor is fully responsible for taking all possible safety precaution during preparation for and actual performance of the works and for keeping the construction site in a reasonable safe condition. The contractor shall protect all life and property from damage or losses resulting from his construction operations and shall minimize the disturbance and inconvenience to the public.
2. If the excavation of trench alters the contours of the ground around road and highway crossing in such locations become dangerous to traffic, the contractor shall at his own cost, take all necessary precautions to protect public and shall comply with all the BSNL regulations as to placing of warning boards (Minimum size 3' x 2'), traffic signals, barricades, flags etc. at such location. If the contractor does not put the warning signal as per above directions, then a penalty of Rs. 500/- per day shall be levied on the contractor, till the directions are complied by the contractor. The contractor shall take

due precautions to avoid damages to other pipe lines, water, mains, sewers, telephones, telegraphs and power conduits, laid wires poles and guy wires, railways, highways, bridges or other underground or above ground structure and/or property crossing or adjacent to the cable trench being excavated. Attention of the contractor is drawn to the rules regarding laying of cables at road crossing, along Railways Bridges, Highways safety precautions while working in Public Street. The contractor in writing shall obtain the detailed engineering instructions from the Divisional Engineer of the area.

3. The contractor shall be solely responsible for location through approved non-destructive means and ensuring the safety of all existing underground pipeline, electrical cables, and or other structures.
4. The contractor shall be solely liable for all expense for and in respect of repairs and / or damage occasioned by injury of or damage to such underground and above structures or other properties and under take to indemnify the BSNL from and against all actions, cause of actions, damages, claims and demands what-so-ever, either in law or in equity and all losses and damages and costs (inclusive between attorney and client), charges and expenses in connection therewith and / or incidental thereto. The contractor shall take all responsibilities and risks in crossing other pipelines and cables and shall be responsible for protecting all such existing pipelines, poles, electric lines, sewers, cables or other facilities from damage by the contractor's operation in connection with the work. The contractor without cost of the BSNL shall promptly repair any damage incurred.6.6
5. The current market value of any commodities lost as a result of any damage to the aforesaid existing facilities shall be paid by the contractor together with such additional sums necessary to absolve the personal of property damages, resulting there from.

8.0 INSURANCE :

- 8.1 Without limiting any of his other obligations or liabilities, the contractor shall at his own expense, take and keep comprehensive insurance including third party risk for the plant, machinery, men, materials etc. brought to the site and for all the work during the execution. The contractor shall also take out workmen's compensations insurance as required by law and undertake to indemnify and keep indemnified the BSNL from and against all manner of claims and demands and losses and damages and cost (including between attorney and client) charges and expenses that may arise in regard to same or that the BSNL may suffer or incur with respect to and / or incidental to the same. **The contractor shall have to furnish originals and /or attested copies as required by the BSNL of the policies of insurance taken within 15 (fifteen) days of being called upon to do so together with all premium receipts and other papers related thereto which the department may require.**

9. COMPLIANCE WITH LAWS AND REGULATION :

- 9.1 During the performance of the works the contractor shall at his own cost and initiative fully comply with all applicable laws of the land and with any and all applicable by-laws rules, regulations and orders and any other provisions having the force of law made or promulgated or deemed to be made or promulgated by the Government, Governmental agency or BSNL, municipal board, Government of other regulatory or Authorized body or persons and shall provide all certificates of compliance therewith as may be required by such applicable law, By-laws, Rules, Regulations, orders and / or provisions. The contractor shall assume full responsibility for the payment of all contributions and payroll taxes, as to its employees, servants or agents engaged in the performance of the work specified in the contractor documents. If the contractor shall require any assignee or sub-contractor to share any portion of the work to be performed hereunder, the same may be assigned, sub-leased or sub-contracted to comply with the provisions of the clause and in this connection the contractor agrees as to undertake to save and hold the BSNL harmless and indemnified from and against any/all penalties, actions, suits, losses and damages, claims and demands and costs (inclusive between attorney and client) charges and expenses whatsoever arising out or occasioned, indirectly or directly, by failure of the contractor or any assignee or sub-contractor to make full and proper compliance with the said by-laws, Rules, Regulations, Laws and Order and provisions as aforesaid.

9.2 The contractor shall also comply with the rule and regulation of EPF & ESI as per government rule and regulation from time to time at his own cost and expenses. The contractor shall indemnify the BSNL from any act or action in future or during the course of work in this regards at his own cost and expense. Tender Issuing Authority reserves the right to withhold the contractor amount upto 25% of tender value from the bills of contractor/security deposit in case of non-compliance of these rule and regulation by the contractor.

10. TOOLS AND PLANTS

The contractor shall provide at his own cost all tools, plants appliances, implements, measuring instruments etc. required for proper execution of works. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, counting, weighing and assisting the measurements for examination at any time and from time to time. The contractor shall be responsible to make all arrangements, at his own cost for dewatering of trenches / ducts and de-gasification of the ducts before carrying out the work. The contractor shall also be responsible to make arrangements at his own cost, for water required for carrying of works at sites including curing of CC/RCC works, failing which the same may be provided by the Engineer-in-charge at the expense of the contractor and the expenses shall be deducted from any money due to the contractor under this contract or otherwise.

----- END OF SECTION VII ----

SECTION-VIII

IMPORTANT INSTRUCTIONS

1. After the work commences the contractor or his authorized representative(s) shall be present at the site. The representative shall be authorized by the Divisional Engineer incharge based on the contractor's request.
2. Work shall be recorded in the site register by the site Engineer. The contractor or his authorized representative shall sign in the site register held by the site Engineer. If the contractor does not provide the barricades, warning cones, warning tapes and work notice board, 5% additional penalty shall be levied.
3. The same shall be provided by BSNL and 150% of the cost of the items shall be recovered from the contractor. Due to underground utilities, if the manhole cannot be constructed at the site shown, the decision of the site engineer shall be final and binding on the contractor.
4. If it is decided to shift the manhole within the neighborhood, the contractor shall construct at the place shown by the site engineer.
5. The right of way (RoW) shall be obtained by the successful contractor on behalf of BSNL, including various permission from authorities like water, power, utilities, traffic police. The RoW charges shall be paid by BSNL. The work shall be carried out as per terms and conditions and timelines mentioned in the RoW permission.
6. The contractor shall deploy adequate men and machine so as to complete the work within permitted time.
7. If the work is not progressing as per the schedule, the work may be either restricted or terminated. **After the ducts are laid by HDD, the duct integrity test shall be carried out by the contractor on the next day.** This is to facilitate the Manhole contractor to commence the manhole work. If any one or more number of ducts is found to fail the duct integrity test, additional laying/ HDD of pipe/s shall be carried out by the contractor at no extra cost. The cost of the damaged pipe(s) shall be recovered from the contractor with additional 17.5% towards Overhead charges.
8. After the re-laying of additional pipe(s), duct integrity test shall be performed in the failed segment, on all the ducts once again. After the ducts are laid by y HDD, if duct integrity test is not carried out by the contractor, the test shall be carried out by BSNL and only 50% of the actual payment shall be made to the contractor for PLB pipe laying.
9. For any unfinished work BSNL shall not effect any payment.
10. The material abandoned shall be the property of BSNL. No claim in this regard from the contractor shall be entertained.
11. Rate should be quoted in figures as well as in words and corrections should be attested, otherwise tender shall be rejected.
12. The contractor shall restore the cut portions of BT/Concrete roads to their original conditions immediately on completion of the pipe laying works. If the restoration work is not satisfactory with reference to the standards prescribed by the Corporation / Highways, the amount equal to the charges as claimed by the Corporation/Highways will be recovered from the contractor.

13. The fact that the contractor is working simultaneously in one or more sections in the same Division/other Divisions, will not absolve him from the responsibility of completing the work in time.
14. Wastage of PLB pipes will be permitted to an extent of 5% of the completed length as measured on the road surface.
15. In case of wastage of PLB pipes beyond 5%, the cost of PLB pipe will be recovered from the contractor .

----- END OF SECTION VIII-----

SECTION IX
SCOPE OF WORK AND JURISDICTION OF CONTRACT

Scope of Work:

The scope of work has been defined in NIT and given as below.

Obtain Right of way/way leave permission from Road/ Railway/Corporation /Municipality /Local Bodies/Police and other authorities etc in the most cost effective manner as detailed in Section VII Clause 3

Sl no	DESCRIPTION OF WORK
01	HDD- Horizontal directional drilling after GPR Scanning, pulling 1/2/3/4 PLB pipes (occupying 85% of Bore Diameter per metre for Bore Dimension of 100 mm diameter)
02	Pulling of OF Cable in PLB Pipes, Sealing of PLB Pipes by Rubber Bushes.
03	Excavating trenches in ordinary soil up to a depth of 1.65m for a width of 0.45m at top and 0.3m at bottom and back filling the excavated trenches after laying the PLB Pipe with or without protection.
04	Laying of PLB Pipes coupled with HDPE Sockets
05	Laying OFC by trenching method within Customer premises at lower depth upto 1 m
06	Laying OFC by trenching method within Customer premises at lower depth upto 0.75 m
07	Laying OFC by trenching method within Customer premises at lower depth upto 0.50 m
08	Leading in O.F.Cable from exchange manhole to transmission room by supplying and providing rigid PVC pipes/PVC hoses on existing support.
09	Charges for opening manhole covers, picking up OFC Coils / Splicing Kits and closing the manhole after Splicing is completed by TXI team, including supplying of Clamps and fixing kits to the inner wall of the manhole.
10	Road Restoration work with Cement Concrete 1:4:8 mix of thickness of 225 mm including supply of concrete to evenly match the road with length- as variable (X) * width -0.45m *depth -0.225 m(X*0.45m*0.225m)
11	Digging of pit 1 metre towards pavement side on each manhole / joint chamber for fixing of route / joint indicator, fixing and concreting of route / joint indicator. Painting and sign writing of route / joint indicators.
12	Digging of pit for jointing chamber, supply and fixing of pre cast RCC chamber, filling of RCC chamber with clean quarry dust, placing of Pre-cast RCC slabs on RCC chamber and back filling of jointing pit.
13	Documentation (6 copies of documents for each route / section) with 1 soft copy.
14	Trial pits for Locating Old /existing cable of Pit Dimension 1 M*0.5M*2 M with unit per pit

Jurisdiction of work: Works to be executed in the Territorial Jurisdiction of BSNL, Chennai Telephone District including Chengalpattu SSA comprises of

- Zone A : Corporation of Chennai City.
- Zone B : Peripherals of Chennai Corporation falling under municipalities and Village Panchayats (area other than Chennai Corporation & erstwhile Chengalpattu SSA.
- Zone C : Seven SDCAs of erstwhile Chengalpattu SSA.

----- END OF SECTION IX ----

SECTION X

Pro-forma of Material Security Bond
(To be typed on non-judicial stamp paper of appropriate value)

Dated:.....

MATERIAL SECURITY BOND FORM

Whereas<Contract awarding authority>(hereinafter referred to as BSNL) has issued an Award Letter no..... Dated...../...../20..... for awarding the work of Optical Fibre Cable Laying work to M/s (hereafter referred to as “Contractor”) and the BSNL has asked them to submit a bank guarantee, towards material security, in favour of O/o of Rs.-/- (hereafter referred to as “BG. Amount”) valid up to/...../20.....(hereinafter referred to as “Validity Date”). Now at the request of the Contractor, We BankBranch having (Address) and Regd. office address as (Hereinafter called „the Bank”) agreed to give this guarantee as hereinafter contained:

1. We, “the Bank” do hereby undertake and assure to the BSNL that if in the opinion of the BSNL, the Contractor 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 BG 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.
2. Any such demand from the BSNL shall be conclusive as regards the liability of Contractor to pay to BSNL 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 Contractor 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 Contractor and BSNL regarding the claim. Liability of the bank under this present being absolute and unequivocal.
3. 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 BSNL 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 BSNL against the Contractor 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 Contractor or through any forbearance, act or omission on part of BSNL or any indulgence by BSNL to Contractor 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.
5. Notwithstanding anything herein contained; (a) The liability of the Bank under this guarantee is restricted to the BG Amount and it will remain in force up to its Validity date. (b) The guarantee shall stand completely discharged and all rights of the BSNL 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 BSNL demands for any money under this bank guarantee, the same shall be paid through DD/Banker’s Cheque favour of BSNL ,Chennai Telephones

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 bank

Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

Telephone Numbers

Fax numbers.....

**Format of BID Security Declaration Form – from Bidders in lieu of EMD
(on Bidder’s letter Head)**

I/We, the authorized signatory of M/s, participating in the Tender of Chennai Telephones to execute work for Laying OFC by Aerial Method and other Associated works , for Chennai Telephones District inclusive of CPT SSA vide . E-Tender No- E-Tender No- DGMTXI/ CHTD/ Trenchless1/ 21-22 Dated at Chennai the 08.04.2021 do hereby declare :

1. That I/We have availed the benefit of waiver of EMD while submitting our offer against the subject Tender and No EMD amount being deposited for the said Tender.
2. That in the event we withdraw / modify our bid during the period of validity Or I /We fail to execute formal contract agreement within given timeline OR I/We fail to submit a performance security within the given timeline OR I./We commit any other breach of Tender Conditions / Contract which amounts for forfeiture of EMD, I / We will be suspended / debarred / banned from being eligible for bidding / award of all future contract (s) of BSNL for a period of one year from the date of committing such breach.

Signature and seal of authorized signatory of the bidder

Name of the authorized signatory.....

Performance Bank Guarantee (PBG)

Whereas<Contract awarding authority>(hereinafter referred to as BSNL)has issued an Award Letter no..... Dated...../...../20..... for awarding the work of Optical Fibre Cable Laying work to M/s (hereafter referred to as “Contractor”) and the BSNL has asked them to submit a performance bank guarantee in favour of O/o of Rs.- (hereafter referred to as “PBG. Amount”) valid up to/...../20.....(hereinafter referred to as “Validity Date”). Now at the request of the Contractor, We BankBranch having (Address) and Regd. office address as (Hereinafter called „the Bank”) agreed to give this guarantee as hereinafter contained:

1. We, “the Bank” do hereby undertake and assure to the BSNL that if in the opinion of the BSNL, the Contractor 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 PBG 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.
2. Any such demand from the BSNL shall be conclusive as regards the liability of Contractor to pay to BSNL 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 Contractor 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 Contractor and BSNL regarding the claim. Liability of the bank under this present being absolute and unequivocal.
3. 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 BSNL 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 BSNL against the Contractor 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 Contractor or through any forbearance, act or omission on the part of BSNL or any indulgence by BSNL to Contractor 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.
5. Notwithstanding anything herein contained; (a) The liability of the Bank under this guarantee is restricted to the PBG Amount and it will remain in force up to its Validity date. (b) The guarantee shall stand completely discharged and all rights of the BSNL 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 BSNL demands for any money under this bank guarantee, the same shall be paid through Banker’s Cheque in favour of
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 bank

Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

Telephone Numbers

Fax numbers.....

----- END OF SECTION X -----

SECTION - XI**PROFORMA OF AGREEMENT**

The successful tenderer shall have to execute the following agreement;

DNIT No: Dated:

LOI No: Dated:

This agreement made on this _____ day of (month) _____ (year) _____ between M/s _____ herein after called "The Contractor" (which expression shall unless excluded by or repugnant to the context, include its successors, heir, executors, administrative representative and assignee) of the one part & Chairman & Managing Director,BSNL through <Tender Issuing Authority> herein after referred to as BSNL, of other part.

Where as the contractor has offered to enter into contract with the BSNL for the execution of work of OFC laying on behalf of BSNL using open trenching and trenchless technology and other associated works of OF Cable on the terms and conditions herein contained and the rates approved by the BSNL (copy of Rates annexed) have been duly accepted and where as the necessary security deposits, as mentioned below, have been furnished in accordance with the provisions of the tender document and whereas no interest will be claimed on the security deposits.

a) PBG No: for Rs. Issued by: (Bank)

b) Material Security BG No: for Rs. Issued by: (Bank)

Now these presents witness and it is hereby agreed and declared by and between the parties to these presents as follows.

1) The contractor shall, during the period of this contact that is to say from.....
.....toor completion of work for
Rs. _____(In words) _____ whichever is later or until
this contract shall be determined by such notice as is hereinafter mentioned, safely carryout, by means of labours employed at his own expenses and by means of tools, implements and equipment etc. to be supplied by him to his labour at his own expenses, all trenching and trenchless pipe laying, cable pulling, cable splicing, joint chamber preparation, fixing, painting and sign writing or route indicators and other associated works as described in tender documents (annexed to the agreement), when the Tender Issuing Authority or any other persons authorized by Tender Issuing Authority in that behalf require. It is understood by the contractor that the quantity of work mentioned on the schedule is likely to change as per actual requirements as demanded by exigencies of service.

2) The DNIT (Detailed Notice inviting tender), Bid documents (Qualifying and Financial), letter of intent, approved rates, annexed hereto and such other additional particulars, instructions, drawings, work orders as may be found requisite to be given during execution of the work shall be deemed and taken to be an integral part of the contract and shall also be deemed to be included in the expression "The Agreement" or "The Contract" wherever herein used.

3) 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.

- 4) The contractor hereby declares that nobody connected with or in the employment of the BSNL is not/shall not ever be admitted as partner in the contract.
- 5) The contractor shall abide by the terms and conditions, rules, guidelines, construction practices, safety precautions etc. stipulated in the tender document including any correspondence between the Contractor and the BSNL having bearing on execution of work and payments of work to be done under the contract.

In witness whereof the parties present herein set their respective hands and seals the day and year in

Above written:

Signed sealed & Delivered by
The above named Contractor in
The presence of.

Witness:

- 1.
- 2.

Signed & Delivered on behalf
of BSNL by the

Witness:

- 1.
- 2.

----- END OF SECTION XI -----

SECTION – XII
STANDARD SCHEDULE OF RATES FOR OFC LAYING /BASIC RATES

Sl no	DESCRIPTION OF WORK	Unit	Approved rate in Rs.
01	HDD- Horizontal directional drilling after GPR Scanning, pulling 1/2/3/4 PLB pipes (occupying 85% of Bore Diameter per metre for Bore Dimension of 100 mm diameter)	Meter	550
02	Pulling of OF Cable in PLB Pipes, Sealing of PLB Pipes by Rubber Bushes.	Meter	14
03	Excavating trenches in ordinary soil up to a depth of 1.65m for a width of 0.45m at top and 0.3m at bottom and back filling the excavated trenches after laying the PLB Pipe with or without protection.	Meter	267
04	Laying of PLB Pipes coupled with HDPE Sockets	Meter	8
05	Laying OFC by trenching method within Customer premises at lower depth upto 1 m	Meter	162
06	Laying OFC by trenching method within Customer premises at lower depth upto 0.75 m	Meter	121
07	Laying OFC by trenching method within Customer premises at lower depth upto 0.50 m	Meter	81
08	Leading in O.F.Cable from exchange manhole to transmission room by supplying and providing rigid PVC pipes/PVC hoses on existing support.	Meter	74
09	Charges for opening manhole covers, picking up OFC Coils / Splicing Kits and closing the manhole after Splicing is completed by TXI team, including supplying of Clamps and fixing kits to the inner wall of the manhole.	Each	802
10	Road Restoration work with Cement Concrete 1:4:8 mix of thickness of 225 mm including supply of concrete to evenly match the road with length- as variable (X) * width -0.45m *depth -0.225 m(X*0.45m*0.225m)	Meter	818
11	Digging of pit 1 metre towards pavement side on each manhole / joint chamber for fixing of route / joint indicator, fixing and concreting of route / joint indicator. Painting and sign writing of route / joint indicators.	Each	797
12	Digging of pit for jointing chamber, supply and fixing of pre cast RCC chamber, filling of RCC chamber with clean quarry dust, placing of Pre-cast RCC slabs on RCC chamber and back filling of jointing pit.	Each	3138
13	Documentation (6 copies of documents for each route / section) with 1 soft copy.	LS	1000
14	Trial pits for Locating Old /existing cable of Pit Dimension 1 M*0.5M*2 M with unit per pit	Each	535

Note: - 1. The above Schedule of Rates is for the cable laying works to be carried out as per the description of various items as specified in the Engineering Instructions and Construction Specifications for OF cable laying works issued by BSNL.

Note- 2 Above Standard Schedule of Rates are inclusive of all taxes and levies but exclusive of GST. GST shall be paid extra as applicable to the GST registered contractors.

---- END OF SECTION XII ----

Section XIII

ANNEXURE-A

Near Relationship Certificate

1. The tenderer or his staff shall not be a working officer/official of the BSNL. The near relatives of all BSNL executive in the concerned territorial circle or non-executive employees working in the concerned SSA of the territorial circle in which the work is stipulated under this contract either directly recruited or on deputation are prohibited from participation in this tender. 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) & daughter's husband (son-in-law) brother(s) & brother's wife, sister(s) & sister's husband (brother-in-law).

2. **The tenderer (s) should give a certificate to the effect that none of his/her relatives as defined above are working in Chennai Telephones Circle in which the work is stipulated under this contract.** In case of proprietorship firm, the certificate will be given by the proprietor, for partnership firm certificate will be given by all the partners and in case of limited company by all Directors of the Company. Any breach of these conditions by the company or firm or any other person, the tender work will be cancelled and earnest money /security deposit will be forfeited at any stage whenever it is noticed. The BSNL will not pay any damages to the company or firm or concerned person. The company or firm or the person may also be debarred for further participation in the concerned unit.

CERTIFICATE

I.....S/o.....

R/o.....

Here by certify that none of my relative(s) as defined above is/are employed in the Chennai Telephones in which the work is stipulated under this contract. 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 _____

SIGNATURE OF TENDERER WITH SEAL

----- END OF SECTION XIII-----

Section XIV**Annexure-B****Proforma For Experience Certificate**

Name and address of the issuing office (To be filled by Issuing office)

No: _____ Dated _____

Subject : Experience certificate for optical fiber cable construction work.

It is certified that M/s _____ having office
at _____ whose
Proprietor(s)/Partner(s)/Director(s) are

_____ have successfully carried out **optical fiber cable construction work** for the amount mentioned hereunder. It is certified that these amounts have been paid to the above mentioned contractor.

S.N.	Period during which payments Made		Contract No(s).	Amount paid (In Rs.)
	From	To		
1.	01-04-YYYY	31-03-YYYY+		

AGM/AO/DDO/ Equivalent Officer responsible for
maintaining contractors' ledger
Signature of office seal

----- END OF SECTION XIV -----

Section XV

Annexure-C

Declaration about Genuineness of Documents/Certificates

(to be duly filled, signed, stamped, scanned and submitted with other documents as per clause-7 of Section-IV)

I/We..... hereby declare that the information furnished in the bid in response to the **E-Tender No- DGMTXI/CHTD/Trenchless1/20-21 Dated at Chennai the 30.03.2021** is true and correct. I/we verify the genuineness and correctness of all documents, including experience certificates attached with the bid submitted electronically or as a hard copy. Further I also declare that I have submitted the tender document digitally signed, without any additions/deletions/modifications, as a token of having read, understood and accepted the terms and conditions therein. I am also aware that I shall be held responsible in case any document attached is found false/forged/fabricated/ tempered/manipulated at any stage and the BSNL is fully competent to take any action against me/my firm as deemed fit in accordance with the terms and conditions of the contract and law of the land.

Place: Signature of tenderer / Authorized signatory.....

Date: Name of the tenderer.....

Seal of the tenderer

----- END OF SECTION XV ----

SECTION XVI**SAMPLE APPLICATION FOR DEPTH RELAXATION IN CASE OF
ACHIEVING LOWER DEPTH**

To
The Engineer-in-Charge,
.....

Sub : Approval for lower depth than 200/165/135/90 cms (depending on the terrain
and method of execution as applicable)

Ref : Work Order No.....

Sir,

In the following section lengths the normal depth of(as prescribed) could not be
achieved due to reasons stated against each section vide above reference work order.
Your approval is requested.

Sl.No	Section No.	Location From	Location To	Length in Mtrs.	Actual Depth Achieved in Mtrs.	Reason
1						
2						
3						

Yours faithfully,

Name of the Bidder with address & date.

Recommendation of the Site-in-Charge.

----- END OF SECTION XVI -----

SECTION XVII**RATE OF EMPTY CABLE DRUM**

These are the rate of the empty cable drums which have to be deducted from contractor bills as per tender document.

<i>Sl.No.</i>	<i>Particulars of drum</i>	<i>Rate of disposal</i>
1	Optical Fibre cable drum 24F/12F/48F	Rs.100/- per empty cable drum
2	Optical Fibre cable drum 96F/144F/288F	Rs.200/- per empty cable drum

Note: -These are fixed rates and no variations shall be acceptable from these rates.

Signature of the Bidder with seal

----- END OF SECTION XVII -----

SECTION XVIII**OPTICAL FIBRE CABLE CONSTRUCTION SPECIFICATION MANUAL****Construction Manual**

The detailed construction practices by Trench-less Technology are given in separate document titled as “**Construction Practices Manual – Trench-less Technology**” which is supplied along with the bid document. Bidders are advised to go through the manual before quoting for the bid. The work is to be carried out in full compliance with the above mentioned manual.

----- **END OF SECTION XVII** -----

**SECTION XIX
BROAD DETAILS OF WORK PUT TO TENDER**

1	Tender No and Date	E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021
2	Name of the work	Laying PLB pipe/ Duct, Optical Fibre Cable Pulling/Blowing and Associated works by Trenchless Technology, for Chennai Telephones District inclusive of CPT SSA
3	Name of Route/Area	In Chennai Telephones District inclusive of CPT SSA
4	Route Length (approx.)	40 KM
5	Estimated cost	Rs. 2,24,69,020 /-
6	EMD	EMD Declaration Certificate to be submitted

B-APPROXIMATE WORK SCHEDULE AND SCHEDULE RATES (BASIC RATE)

Sl no	DESCRIPTION OF WORK	Unit	Approved rate in Rs.	Approximate Qty
01	HDD- Horizontal directional drilling after GPR Scanning, pulling 1/2/3/4 PLB pipes (occupying 85% of Bore Diameter per metre for Bore Dimension of 100 mm diameter)	Meter	550	35000
02	Pulling of OF Cable in PLB Pipes, Sealing of PLB Pipes by Rubber Bushes.	Meter	14	38500
03	Excavating trenches in ordinary soil up to a depth of 1.65m for a width of 0.45m at top and 0.3m at bottom and back filling the excavated trenches after laying the PLB Pipe with or without protection.	Meter	267	2000
04	Laying of PLB Pipes coupled with HDPE Sockets	Meter	8	3500
05	Laying OFC by trenching method within Customer premises at lower depth upto 1 m	Meter	162	700
06	Laying OFC by trenching method within Customer premises at lower depth upto 0.75 m	Meter	121	500
07	Laying OFC by trenching method within Customer premises at lower depth upto 0.50 m	Meter	81	300
08	Leading in O.F.Cable from exchange manhole to transmission room by supplying and providing rigid PVC pipes/PVC hoses on existing support.	Meter	74	1500
09	Charges for opening manhole covers, picking up OFC Coils / Splicing Kits and closing the manhole after Splicing is completed by TXI team, including supplying of Clamps and fixing kits to the inner wall of the manhole.	Each	802	50
10	Road Restoration work with Cement Concrete 1:4:8 mix of thickness of 225 mm including supply of concrete to evenly match the road with length- as variable (X) * width -0.45m *depth - 0.225 m(X*0.45m*0.225m)	Meter	818	2000
11	Digging of pit 1 metre towards pavement side on each manhole / joint chamber for fixing of route / joint indicator, fixing and concreting of route / joint indicator. Painting and sign writing of route / joint indicators.	Each	797	30

Sl No	DESCRIPTION OF WORK	Unit	Approved rate in Rs	Approximate Qty
12	Digging of pit for jointing chamber, supply and fixing of pre cast RCC chamber, filling of RCC chamber with clean quarry dust, placing of Pre-cast RCC slabs on RCC chamber and back filling of jointing pit.	Each	3138	20
13	Documentation (6 copies of documents for each route / section) with 1 soft copy.	LS	1000	30
14	Trial pits for Locating Old /existing cable of Pit Dimension 1 M*0.5M*2 M with unit per pit	Each	535	30

Amount Rupees Two Crores twenty four Lakhs sixty nine Thousand and twenty only

- The above Schedule of Rates are inclusive of all levies and charges but excluding GST which shall be paid extra as applicable.
- **The list of items mentioned above is not exhaustive and it may be suitably modified as per requirement of the Circle/Field units with scope of work precisely defined for each item in the tender document.**

SECTION XIX

SECTION XX
PRICE SCHEDULE (FINANCIAL BID)

Financial Bid - For Laying of PLB pipes and OF cable Pulling /Blowing by using 'Trench-less Technology' Method in Chennai Telephones inclusive of CPT SSA , BSNL.

To

Sub: Our Financial Bid for Laying of PLB pipes and OF cable Pulling /Blowing by using 'Trench-less Technology' Method in Chennai Telephones inclusive of CPT SSA , BSNL
Ref: **E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 08.04.2021**

Dear Sir,

Having examined the tender documents, terms and conditions stipulated therein, specifications of work etc., we the under signed offer to execute the Optical Fiber Cable construction work for in this tender in conformity with the said specifications and conditions of contract, at the percentage (Below at par/ above) on estimation of cost of works put to tender mentioned in the tender document (Section XIX) quoted as under:

Validate Print Help

Percentage BoQ

Tender Inviting Authority: GM TXI BSNL CHENNAI TELEPHONES

Name of Work: E-Tender No- DGMTXI/CHTD/Trenchless1/21-22 Dated at Chennai the 07.04.2021 .Optical Fiber Cable Construction work using Trenchless Technology method and associated works in Chennai Telephones inclusive of CPT SSA in BSNL.

Contract No: 044-26195900

Name of the Bidder/ Bidding Firm / Company :	
--	--

PRICE SCHEDULE

(This BOC template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Units	Estimated Rate In Rs P	Quoted Currency In INR / Other Currency	TOTAL AMOUNT Without Taxes In Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	3	7
1	Approximate OFC Route Length OF 40 Kms by HDD METHOD					
101	Optical Fiber Cable Construction work using Trenchless Technology method and associated works in Chennai Telephones District inclusive of CPT SSA in BSNL	40 KM	22469020.00	INR	22469020.00	INR Two Crore Twenty Four Lakh Sixty Nine Thousand & Twenty Only
Total In Figures					22469020.00	INR Two Crore Twenty Four Lakh Sixty Nine Thousand & Twenty Only
Quoted Rate in Figures		Select			0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				

For the purpose of GST, applicable SAC is

If our Bid is accepted we shall submit the securities as per the conditions mentioned in the tender document.

We agree to abide by this bid for a period of 180 days from the date of opening of qualifying bid and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Dated...../...../

Signature of the Tenderer.....

Name of Tenderer.....

Note: Tenderer should quote the rates keeping in view that quoted rates are inclusive of all charges and levies but exclusive of Goods & Service tax (GST). Goods & Service tax (GST) will be paid extra, as applicable.

----- END OF SECTION XX-----

Declaration

I/We have gone through all the terms and conditions and specification of work of tender notice and I/We fully abide to them.

Note :-

1. The cable/ducts to be pulled through the bore may be single/multiple of various sizes depending on the requirement of BSNL.
2. The rates quoted are applicable to all type of soils existing within the Chennai Telecom District area Chengalpattu SSA.
3. Prefabricated Manholes are optional and to be provided if specifically requested in work order.

(Signature of Bidder or his Authorized Representative)

(COMPANY SEAL)