



हिंदी केवल एक भाषा नहीं बल्कि हमारी राष्ट्रीय पहचान है ।



आईटीआई लिमिटेड
नेटवर्क सिस्टम्स यूनिट
सामाग्री प्रबंधन विभाग
एफ - 100, पश्चिम विंग
दूरवाणीनगर, बेंगलूरु - 560 016, भारत
फोन : +91 (80) 2566 0508
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ISO 9001 : 2015 प्रमाणित युनिट

ITI LIMITED

Network Systems Unit
Materials Management Dept.
F-100, West Wing
Doorvaninagar, Bengaluru - 560 016, India
Tel : +91 (80) 2566 0508
E-mail : materials_nsu@itilttd.co.in
ISO 9001:2015 Certified Unit

ITI Web-Site/ Govt. Portal		ENQUIRY	
		NSU 5F 42H	
		DATE	01 07 2025
Dear Sir / Madam, please quote your best price and delivery for supply/service of the following item/s,			
Sl.No.	Item Description as per Technical Specifications		
1	Tender for selection of implementation agency for conducting Desktop Survey, Physical Survey, finalization of the route plan, providing a GIS-Integrated Inventory Management Tool, preparation of ABD diagram etc. for BharatNet Phase-III Project-NER-II (Arunachal Pradesh, Nagaland and Manipur)		
	<u>Please refer following enclosures before submitting tender:</u> Annexure A: General Terms & Conditions for submission of Tender Annexure B: Tender Document Annexure C: Price Bid		
Special Note: Please refer tender document vide Ref. No. ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025 and BSNL Tender Enquiry No: MM/BNO&M/BN-III/T-791/2024 dated 15.02.2024 and all subsequent clarifications / amendments / corrigendum			
Tender Due Date	22/07/2025, 14:00 Hrs	Tender Opening Date	22/07/2025, 15:00 Hrs
Tender Opening Venue	Materials Management Dept., N.S. Unit, I.T.I. Ltd., Dooravaninagar, Bengaluru- 560 016		
Scope of Work	As per tender document	ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025	
Delivery	As per tender document	ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025	
Terms of Payment (TOP)	As per tender document	ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025	
Performance Bank Guarantee	As per tender document	ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025	
Security Deposit	As per tender document	ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025	
Compliance	Point-wise compliance to each item/ Clause mentioned in Tender Document.		
Validity of the offer	180 days from the last date of submission of Bid	Tender Fee: Rs. 5,900.00/-(incl. GST)	
Earnest Money Deposit	As per tender document Rs. 12.50 Lakh/Valid MSME certificate along with Bid Securing declaration. The EMD is normally to remain valid for a period of 45 days beyond the final bid validity period.		
All other terms and conditions as per Tender Document vide Tender refer No: ITI/NSU/BN3/NER-II/GIS Dated:01.07.2025 Note: Offers should be submitted online as per tender documents. For submission of online Bid & Procedure to be followed visit (https://itilimited.ewizard.in) All Vendors have to register in website & pay the tender processing fee if required:(https://itilimited.ewizard.in) for submitting online BID.		For ITI Ltd., N S Unit, <i>Lendhy 01/07/25</i> Addl. General Manager (MM)-NS	

**GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER (INLAND)**

ENCLOSURE TO ENQUIRY No. NSU 5F 42H DATE: 01.07.2025

1. PRICES:

- ITI Ltd., is planning to have long term tie up with limited vendors, who can supply the item with good quality, prompt delivery and at lowest price. Hence, you may quote in such a way that a long-term relationship is possible.
- Prices must be per unit as called for in the enquiry and should be on FOR ITI/FOR destination basis as the case may be and inclusive of Insurance charges.
- ITI Ltd., under normal circumstances, may not negotiate for the price. Hence you are requested to quote your best price in the original quotation itself.
- Any counter terms and conditions are not binding on us unless ITI Ltd., agree to the same in writing.
- In case of an order issued on you, the ordered rate should be firm till the completion of the order. In case where the market prices are going down beyond 5% of the ordered rate or decrease in the statutory levies, the same should be passed on to ITI Ltd.
- Vendors should deliver the materials to ITI Ltd., Stores/the destination as mentioned in the P.O. ITI Ltd., will not take the responsibility of clearing the goods from the carriers godown/office/Railway Station/Airport, etc.
- If the supplier supplies the same item at a lower rate to any of their customers during the pendency of execution of ITI Ltd., Purchase Order/ Order Amendment, the supplier should voluntarily come forward and reduce the price.
- The validity of your offer should be for a minimum period of (As main sheet No. NSU 5F 42H) from the date of opening the tender.
- Any Plant/division of ITI reserves the right for placement of Repeat Order if required within one year of original PO date.

2. TERMS OF PAYMENT:

- Payment will be made for the accepted quantity/services as per Main sheet NSU 5F 42H/ Tender Document Ref No. ITI/NSU/BN3/NER-II/GIS dated: 01.07.2025 from the date of receipt of the material / services at our Stores / Destination.
- No payment will be made for the rejected quantity.
- In case you fall under SSI as per DIC, please mention the same in all your quotations / invoices indicating also the certificate number. This is essential if in the unlikely event of delay in payment, you would like to claim preferential payment as an S.S.I

3. INSPECTION: (As per Enquiry NSU 5F 42H)

- ITI reserves the right to split the purchase order among the vendors who are capable of meeting the Quality, Delivery and Cost requirements. Preference will be given to the vendors with well-maintained and proven Quality Assurance.
- We are planning to reduce inspection time with self-certification scheme for the vendors who keep up good quality leading to "ship to stock system".
- Inspection of the material at our works/site will be final. ITI reserves the right to inspect the material at any other standard testing centre authorised by us.
- We or our representative including our customer may if required preliminarily inspect the product at vendor's premises. Such verification shall not absolve the vendor of the responsibility to provide the acceptable product nor shall preclude subsequent rejection during the final inspection at our works/site. It is the responsibility of every vendor to ensure that only the inspected materials conforming to our specifications / drawings / requirements are supplied.
- The supplies shall be from the latest batch of production. Batch Number should be indicated on the item/ packet / test certificate and accompanying delivery challan / test certificate.
- Test Certificate/check list should accompany each supply. Consignments without test certificate, if asked for, are liable for rejection. Rejected material should be collected immediately (within 30 days) after our intimation by giving two days' prior notice for completing the necessary excise formalities. You should make arrangements to collect the material either personally OR through your authorized representatives. ITI does not take any responsibility to send the material back to you. After 90 days from the date of rejection intimation to you the material will be scrapped at your risk if not collected.

4. SAMPLES:

Those tenderers, who have not supplied the material against any of earlier orders, should submit FREE SAMPLES clearly indicating enquiry reference. Free samples along with your offer is preferable. In case of a Purchase Order on you, bulk supply should commence only after approval of samples and other approval formalities including infrastructure clearance.

5. WARRANTY:

ITI Ltd., is an ISO accredited company. All our equipment systems have a warranty as per Enquiry No NSU 5F 42H from the date of despatch to our customer. Hence, the warranty of your products should be as per Enquiry No NSU 5F 42H from the date of supply if not specified explicitly. Within this warranty period, if any of your components/subsystem is found defective during our manufacturing process/system testing/installation & commissioning/operation of our equipment in the field, the same is to be replaced free of cost immediately by you. Warranty specified in the P.O. to be reckoned as final.

6. GENERAL:

- We reserve the right to accept or reject any or all offers and to order full or part quantities or cancellation thereof without assigning any reason whatsoever.
- Successful tenderer only will be intimated by post through letter of intent / firm orders.
- Canvassing by tenderers in any form including un-solicited letters against tenders submitted or post-tender corrections shall render their tenders liable for summary rejection.
- Any Plant/division of ITI reserves the right for placement of Repeat Order if required within one year of original date.

7. DELIVERY SCHEDULE: (As per Enquiry NSU 5F 42H)

- Please indicate minimum lead-time required, manufacturing capacity and the quantity that can be reserved for us.
- Liquidated Damages Clause:** As per Tender Document Ref No. ITI/NSU/BN3/NER-II/GIS dated: 01.07.2025

8. LOCAL REPRESENTATION:

Please indicate your local representative's address, telephone, Fax No., of the person to be contacted, in the offer.

9. TECHNICAL CATALOGUE:

The Technical Catalogue in English should be submitted. In the event of any change in the technical catalogue, updated version may be sent to us immediately. It is essential that you simultaneously take up the same with approval authority and their approval copy sent to us.

10. GOVERNING LAW:

All suits shall be instituted in a court of competent jurisdiction at Bangalore and in case of arbitration, the Indian Arbitration Conciliation Act, 1996 is applicable.

Shndhy. 01/07/25
Additional General Manager-MM(NS)

Annexure-B



NETWORK SYSTEM UNIT

(A Govt. of India Undertaking)

Dooravaninagar. P.O. Bengaluru – 560 016

Tel : 080 - 28503639, Fax: 080 –28503653

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Tender Ref No: ITI/NSU/BN3/NER-II/GIS

Tender for “Selection of implementation agency for conducting Desktop Survey, Physical survey, finalization of route plan, providing GIS integrated Inventory Management Tool, preparation of ABD diagram, etc., for middle mile network of BharatNet Ph-III on design, build, operate and maintain (DBOM) Model in North East Region-II (Arunachal Pradesh, Nagaland and Manipur)”

[Two Bid System (Technical Bid & Finance Bid)]

1. INTRODUCTION

ITI Limited, a Public Sector Undertaking under the Department of Telecommunications, Ministry of Communications, is a leading Telecom equipment manufacturer and device provider in India. The major customers are BSNL, BBNL, MTNL, Defense, Paramilitary forces, Railways, Banks, Central & State Govt. departments, Institutions and research organizations. ITI has a pan India business footprint supported by the network of its Manufacturing units & MSP (Marketing, Services and Project) units at various locations.

ITI Limited has been undertaking various projects in all fields of telecommunications and information technology and also continuously deploying new technologies in the field of Telecom, ICT, Networking, e-Governance etc. ITI has diversified its operation and has been executing Turnkey projects in the field of Smart Infrastructure, Bharat net, and Defense Network Rollout etc.

2. GENERAL INFORMATION

2.1 NAME OF WORK: This Tender is being floated for “Selection of implementation agency for conducting Desktop Survey, Physical Survey, finalization of the route plan based on physical survey, preparation of ABD diagram etc. for BharatNet Phase-III implementation in **North East Region-II (Arunachal Pradesh, Nagaland and Manipur)**.”

2.2 The total approx. number of GP’s are 5902 and Blocks are 258 for NER-II.

2.3 This Request for Proposal (RFP) details the scope, eligibility criteria, deliverables, and terms & conditions for selecting a qualified agency.”

SL NO	DESCRIPTION	INFORMATION
1.	REFERENCE NO. OF TENDER DOCUMENT	Tender Ref No: ITI/NSU/BN3/NER-II/GIS dated: 01.07.2025
2.	DATE OF UPLOADING OF TENDER DOCUMENT	01.07.2025
3.	MODE OF SUBMISSION OF TENDER	https://itilimited.ewizard.in
4.	LAST DATE & TIME FOR SUBMISSION OF BIDS	22.07.2025 AT 14.00 Hrs
5.	DATE & TIME OF OPENING OF TECHNICAL BIDS	22.07.2025 AT 15.00 Hrs
6.	OPENING OF FINANCIAL BIDS	WILL BE INTIMATED LATER
7.	TENDER FEE	Rs. 5,900.00/- (Including GST)

8.	EARNEST MONEY DEPOSIT (EMD)	Rs. 12.50 lakhs (Interest free EMD has to remain valid for a period of 45 days beyond the final bid validity period) Bidders registered as MSE (Micro & Small Enterprises) are exempted from submission of EMD. Such firms should produce proof of registration certificate in their own name from MSME department and NSIC & should provide Bid Security Declaration form as per ANNEXURE -II.
9.	THE AVERAGE ANNUAL FINANCIAL TURNOVER IN THE LAST 3 FY (FINANCIAL YEARS) I.E. (2021-22, 2022-23 & 2023- 24)	Rs. 4.50 Cr
10.	ADDRESS FOR BID SUBMISSION	https://itilimited.ewizard.in
11.	SECURITY DEPOSIT	5% Tax invoice retained from running bills.
12.	VALIDITY	180 days from the last date of submission of bid.
13.	PERFORMANCE BANK GURANTEEE	5% of Work Order value valid throughout warranty support period + 60 days
14.	LEAD TIME FOR SUPPLY	Within 4 weeks from the date of request or else LD will be applicable.
15.	CONTACT PERSON	AGM MM - For queries. udhayanavs_crp@itild.co.in , materials_nsu@itild.co.in
16.	WARRANTY	Warranty of the supplied equipment shall be for 3 (three) years as mentioned in the Warranty Clause of this RFP
17.	SOLVENCY	Rs. 6 Cr (Bidder shall submit Solvency Certificate either from any one scheduled bank or from CA issued within 06 (Six) months prior to the Bid submission date.
18.	PRE-BID MEETING	Pre bid meeting will be conducted at ITI Limited, Network System Unit, Doorvaninagar, Bangalore- 560 016 or through VC at on 09.07.2025 at 3.00 PM

2.4 DELIVERY SCHEDULE

Materials including server hardware and associated licenses should be delivered at specified location in Manipur, Nagaland, and Arunachal Pradesh without any extra cost. Detail address of consignee will be shared later.

The bidder shall conduct the Desktop plan and physical survey as per survey milestones, mentioned in the table below and release the final route plan after approval of BSNL for execution of work:

Survey Milestone No.	Period for completion of physical survey	Activities	No. of Rings and Blocks to be covered
I	T0 + 1.5 months	<ul style="list-style-type: none"> Desktop planning with tentative route length (Block-wise) and Approval from ITIL/BSNL to go ahead for physical survey. Physical Survey of minimum 5% of GPs to be completed (percentage of total GPs in NER-II) 	-
II	T0 + 3 months	<ul style="list-style-type: none"> Supply, I&C, AT testing of Inventory management tool Physical Survey of minimum 25% of GPs to be completed (percentage of total GPs in NER-II) 	25% of Planned rings in at least 50 Blocks
III	T0 + 5.5 months	<ul style="list-style-type: none"> Physical Survey of minimum 70% of GPs to be completed (percentage of total GPs in NER-II) 	70% of planned rings in at least 180 Blocks
IV	T0 + 8 months	<ul style="list-style-type: none"> Physical Survey of minimum 100% of GPs to be Completed (percentage of total GPs in NER-II) 	All 258 Blocks to be covered
<ul style="list-style-type: none"> T0: Issue of work order 			

2. TENDER INFORMATION

The tenders are invited in **TWO BIDS**, consisting of **Technical Bid and Financial BID (Price/Commercial)** as per **Annexure-C**.

4.1 TECHNICAL BID

4.1.1 Documents to be uploaded by the Bidder (Please upload supporting documents wherever required & applicable)

Sl. No.	Description	Compliance Documents to uploaded	Attachments	
			Yes	No
1.	Tender fee documents for submission/bidding of tender (If required as per tender fee)			
2.	Technical Bid [Technical Specifications]	As per ANNEXURE-I		
3.	Documents in support of submission of EMD or MSE registered with Undertaking for "Bid Security Declaration Form"	As per ANNEXURE-II		
4.	Company Profile			
5.	GST & PAN registration certificate			

6.	EPF registration certificate			
7.	Signed/ digitally signed copy of all the pages of tender documents			
8.	Product Data Sheet/Brochure			
9.	Financial turnover for the last three years certified by the Chartered Accountant with registration number	As per ANNEXURE-III		
10.	Work completion certificate/Experience during the last 7 (seven) years	As per ANNEXURE-IV		
11.	Signed Pre-contract Integrity	As per ANNEXURE-V		
12.	Mutual non-disclosure agreement	As per ANNEXURE-VI		
13.	Undertaking that the Bidder has not been Blacklisted/ Debarred	As per ANNEXURE-VII		
14.	Single point of contact (SPOC) details for official communication (Name, Mobile no., Email id, Address).	On company Letter head		
15.	Undertaking for "Declaration of Bidders"	As per ANNEXURE-VIII		
16.	Copy of Power of Attorney of authorized signatory of the bid on stamp paper duly Notarized	As per ANNEXURE-IX		
17.	EMD BANK GUARANTEE PROFORMA	As per ANNEXURE-X		
18.	Self-declaration for not having any litigation History	As per ANNEXURE-XI		
19.	PBG Bank Guarantee Performa	As per ANNEXURE-XII		
20.	OEM Authorization Certificate (MAF)	As per ANNEXURE-XIII		
21.	Compliance to No Variance /Deviation in Bid	As per ANNEXURE-XIV		
22.	Trusted Telecom Portal, If applicable	As per ANNEXURE-XV		
23.	Un-Priced Finance-Bid	As per ANNEXURE-XVI		

Note: Bidder has to take notice of the above points and checkmark Yes / No. The checklist shall be placed in the technical bid. The bidder is expected to examine and comply all requirements, terms and conditions of the tender. Failure to furnish required information in every respect or non-submission of necessary proof and relevant document of EMD amount may lead to rejection of the bid.

4.1.2 ELIGIBILITY CRITERIA

Sl. No.	Eligibility Criteria of Applicants	Supporting Documents Required
A.	The Bidder should be registered under Indian Companies Act, 1956 or Limited Liability Partnership Act, 2008 or as amended; with at least 5 years of operations in India as on bid submission date.	Following documents in respect of sole Bidder shall be submitted: (a) Copy of Certification of Incorporation / Memorandum of Association (MoA) and Articles of Association (AoA)/ registration certificate with LLP agreement. (b) Copy of PAN Card (c) Copy of GST Registration
B.	<p>Turnover</p> <p>The Bidder shall have minimum average annual financial turnover of Rs. 4.50 Cr in the last 3 FY (financial years) i.e. (2021-22, 2022-23 & 2023- 24).</p> <p>Note: Bidder's Parent/group company turnover will not be considered in turnover criteria.</p>	Audited financial statements/annual report for 3 financial years i.e., 2021-22, 2022-23 & 2023-24 from the Statutory Auditor/ Chartered Accountant. i. Certificate from the Statutory Auditor/Company Secretary/Chartered Accountant on turnover details for the last three (3) financial years (2021-22, 2022-23, 2023-24).
C.	<p>Net worth</p> <p>The Bidder should have Positive Net Worth for the last 03 years i.e. (2021-22, 2022-23 & 2023- 24)</p>	Audited Net worth certificate assigned by the company's Auditors/ CA for the last 03 years
D.	<p>Experience:</p> <p>The firm should have successfully done GIS Survey, Planning, prepared Desktop Plan including Design and BoQ and approval of drawings thereof from client. The firm should have its in-house GPS enabled IT Project Management tool.</p> <p>The firm should have successfully carried out survey by using latest technologies of at least 4000 Kms of Telecom/Water Pipeline/Gas/ Power/ADSS OFC cable in last seven years.</p> <p style="text-align: center;">(OR)</p> <p>The firms who have completed GIS survey and execution of telecom infrastructure of more than 1500 Kms in last seven years.</p> <p style="text-align: center;">(OR)</p>	<p>(i) PO & Work Completion Certificate issued & signed by the PO issuing authority or an authority authorized by the PO issuing authority of the client entity (central government departments/ State Government departments/ PSUs/ Telecom Service Providers (Telco)/ Category-A ISPs/Private Companies) along with the supporting documents such as Work order/Purchase order OR Contract clearly highlighting the scope of work and quantities of the contract/ order (Self-Certification by the bidder, alone shall not be accepted).</p> <p>(ii) Client contact details i.e., name of contact persons, postal address, official email, tel.</p> <p>(iii) Work Experience Details as per</p>

	<p>The firms who have successfully completed more than 800 Kms of LIDAR survey for telecom infrastructure in last seven years.</p> <p>Note: The GIS, and inventory management tool should be provided by OEM with a presence in market for at least last 3 years. Ongoing projects may be considered if the value and quantities of work carried out meets the tender requirements. Work completion certificates for the completed work in the ongoing projects duly certified by the client to be submitted</p>	ANNEXURE-IV
E.	<p>The Bidder in the last seven years, must have successfully completed at least</p> <p>One GIS related work with a value of INR 7.50 Crore.</p> <p style="text-align: center;">or</p> <p>Two GIS related work with a value of INR 4.50 Crore.</p> <p style="text-align: center;">or</p> <p>Three GIS related work with a value of INR 3.0Crore.</p> <p>Note: GIS related work shall mean Desktop Survey, Physical Survey, finalization of the route plan, Inventory Management tool etc. as per BharatNet Ph 3 tender vide ref. no. MM/BNO&M/BN-III/T-791/2024 dated 15.02.2024 and its amendments.</p>	<p>Valid end customer PO copy during the last seven years with completion certificate.</p> <p>Ongoing projects may be considered if the value and quantities of work carried out meets the tender requirements. Work completion certificates for the completed work in the ongoing projects duly certified by the client to be submitted</p>
F.	<p>The Bidder should not be blacklisted/debarred with Ministry of Communication or BSNL/ITI or debarring order issued by Department of Expenditure (DOE), Ministry of Finance (MOF) covering all central Ministries/ Departments as per provision of OM No.F.1/20/2018-PPD by Department of Expenditure (DoE), MoF dated on 2nd Nov 2021 as on Bid submission date.</p>	<p>The Bidder shall submit:</p> <p>An undertaking signed by CEO/ Country Head/ Authorized Signatory of the company to be provided on Non – judicial stamp paper of INR 100/- or such equivalent amount and document duly attested by notary public as per ANNEXURE- VII.</p>

G.	Bidder should have valid International Organization for Standardization ISO 9001:2015 (AND) CMM 3 (AND) ISO 20000:2015 (OR) ISO/ IEC 27001 certification on the Last date of Bid submission.	Required ISO certificates to be submitted along with the bid.
H.	The bidder should submit the solvency certificate either from any one scheduled bank or from CA issued within 06 months prior to bid submission date.	Rs. 6 Cr
I.	The bidder should have completed 50 blocks of desktop survey, 20 blocks of physical survey and 200 GP's BOQ. These reports should have been submitted to BSNL under BharatNet Phase III project.	Report submitted to BSNL and undertaking by the bidder.
J.	The GIS software provided by the bidder shall be able to form the rings automatically including the child rings in an optimum way.	Bidder to submit Undertaking and Demo for automatic ring formation.

4.1.3 GENERAL TERMS AND CONDITION

Bidder shall submit the following documents all with the bid:

- i. Point wise compliance to all the Annexures.
- ii. List of spares/software updates
- iii. Product Data sheet/Brochure of each quoted item.
- iv. Authorized channel partners are eligible for participating on behalf of OEMs, but they must qualify for all eligibility criterion of this tender and must submit Authorization certificate from respective OEM as per ANNEXURE-XIII.
- v. Bidder shall provide server sizing, and server configurations along with the technical bid.
- vi. Bidder shall submit contact detail of SPOC (Details of Contact person, Designation, Telephone Number, Fax, Official mail id etc.) along with the technical bid.
- vii. The tender will be evaluated based on the total cost of GIS survey and mapping (section A) of the price bid. Bidder shall submit signed unpriced bid attached at **ANNEXURE-XVI** along with the technical bid.
- viii. As per the guidelines by DoT vide File no- 20-271/2010 AS-I (Vol-III) dated 10.3.2021, along with its amendments, issued from time to time, the software and hardware to be supplied as part of this tender should be registered in the Trusted Telecom Portal Relevant document shall be submitted as proof or if it is in the process of registration then undertaking is to be provided

stating that registration will be completed within two months. The format is provided in ANNEXURE-XV. **If applicable.**

4.1.4 SPECIAL TERMS AND CONDITIONS

- a) The total scope is 15,000 Kms. However, initially WO will be issued for 12,190 Kms and remaining Scope will be issued in later stage after the approval from BSNL/Desktop survey.
- b) The GIS software provided by the bidder shall be able to form the rings Automatically including the child rings in an optimum way to cover maximum GPs with minimum span length.
- c) Bidder should deploy minimum 3 teams in each state simultaneously to carry out the physical survey and other GIS related activities. Each member of the team shall be enabled for Geo-Tagging, to enable ITI, to monitor their activities and to ensure their presence in respective states.
- d) During the physical survey, bidders should capture and submit relevant details of GP & Block like infrastructure, solar panel, Power status, Earthing etc.
- e) Bidder shall submit the desktop plan within 45 days for all the three states from date of issue of work order.
- f) Inventory management tool should be installed and commissioned within 2 months after issue of the work order.
- g) Bidder will submit the . kml/.shp files along with excel sheet data to ITIL. ITIL will conduct the sample check and it is the responsibility of the bidder to offer the same immediately to BSNL appointed IE/TPA. The bidder should get the final approval within 15 days' time from BSNL and submit the same to ITIL/ITI appointed PIA.
- h) The software license should cover the entire project duration of 10 years and include maintenance, updates & support. The license should allow for scalability, supporting additional GIS data layers if required.
- i) The bidder should provide a warranty support, ensuring free customization and compliance with government regulations at no additional cost for Bharatnet Ph 3 project requirements only.
- j) The delivery of ABD work will be completed along with trenching and ducting / Aerial work and payment will be release as per payment terms.
- k) Any increase in taxes and other statutory duties/levies, after the expiry of the delivery date shall be to the supplier's account. However, benefit of any decrease in these taxes/duties shall be passed on to the Purchaser by the supplier. The total price is to be adjusted (by reducing the basic price) with increased duties and taxes as per price mentioned in PO/Tender.
- l) The number of GPs in a GP ring shall normally be eight (8) and maximum up to ten (10).

4.2 FINANCIAL BID [PRICE/COMMERCIAL BID]

The **Price/Commercial Bid**, consists of a document with the rate quoted in figures and words only in separate sealed Envelope/online uploaded quoted sheet as per **Annexure-C**. Incomplete price bid is liable for rejection.

- i. Bidder /Firms who fulfill the requirements as mentioned in this tender document shall be eligible to apply.
- ii. Bidder can upload documents in the form of PDF format only.
- iii. Bidder must ensure to quote rate items separately as per format given in **Financial Bid** as per **Annexure-C**.
- iv. If any cell is left blank and no rate is quoted by the bidder, Rate of such items shall be treated as rupees "0" (ZERO) or rejected for Bidding.
- v. The eligibility documents shall be opened first for technical bid on due date and time as mentioned above. Financial evaluation of Bidders/Firms who qualified in technical evaluation will be opened on the later date.
- vi. The rates will be submitted as per the financial bid (**Annexure-C**). Financial bid in another format shall be liable to be rejected. In case, if the bidders do not submit any tender relevant document as mentioned in Technical Bid, his bid will be outright rejected and bid will not be considered for further evaluation.
- vii. **GOVERNMENT LAW:** - All suits shall be instituted in a court of competent jurisdiction at Delhi and in case of arbitration; the Indian Arbitration Conciliation Act 1996 is applicable. Tender documents shall be filled, signed and submitted/Uploaded in original. The submitted Tender shall consist of the following:

Note:

- Tenders not submitted on time will not be considered and will be summarily rejected. Tender documents shall be filled and submitted all pages of tender signed/digitally signed [Submitted along with the technical bid].
- The conditional tender will not be considered and will be summarily rejected.
- There shall not be any financial quote in the Technical Bid, if it is added then said bid will be summarily rejected.

ITI Limited reserves the right to reject this tender at any stage without assigning any reason thereof.

5 BRIEF SCOPE OF WORK

5.1 General Requirement

5.1.1 Geographical Information System (GIS)

- i. The bidder shall perform GIS based desktop planning, physical Survey, Preliminary design, detailed video graphic survey, GIS data collection during execution for creation of digital As Built Drawing (ABD) on GIS.
- ii. The bidder shall collect and maintain the inventory of both physical and logical resources of OSP (outside plant - fibre, chamber, splice-closure, coupler etc.), ISP (Inside Plant: room, rack equipment's and their connectivity) and power infra.
- iii. The bidder shall maintain and store all details of deployed network infrastructure till the readiness of S-NOC & C-NOC. After readiness of S-NOC & C-NOC, the bidder shall upload all GIS data.
- iv. The bidder shall upload all required GIS details such as data files, videos, photos, etc. on S-NOC & C-NOC GIS application.
- v. The bidder shall provide all required information related to network to S-NOC & C-NOC for fiber inventory management (RFMS).
- vi. The GIS system should be able to capture the Aerial fiber laying attributes for eg. Ground clearance of the laid cable, SAG etc.
- vii. The GIS software shall have the capacity to form the rings including child ring automatically.

5.1.2 ASSET MANAGEMENT

- i. The bidder shall maintain a detailed inventory of all BharatNet network assets, including but not limited to routers, switches, OFC, RFMS and other infrastructure components. This inventory will be validated by the ITI/Independent Engineer (IE) and then approved by the BSNL.
- ii. The bidder shall manage the entire asset lifecycle of BharatNet infrastructure. The bidder in consultation with BSNL shall assign unique identifiers or tags to network assets and infrastructure elements in the field, such as routers, switches, fibre cables, splice points, junction boxes, and termination points etc.

6 EARNEST MONEY DEPOSIT (EMD)

As specified in the tender document EMD shall be payable with the bid. EMD is to be remain valid for a period of 45 days beyond the final bid validity period.

Micro, small Enterprises (MSE) Organizations, Startups are exempted from EMD and tender fee. Such firms should produce proof of registration in own name with MSME and NSIC and should provide "**BID SECURITY DECLARATION FORM**" as **ANNEXURE-II**.

This shall be paid well in advance of tender submission time through Bank Guarantee / eWizard Payment gateway in favor of ITI Ltd, N.S. Unit, Bangalore-560016. The Bank details is attached as ANNEXURE-XVII. Proof/receipt of payment of cost of EMD to be uploaded.

Note: The Bank Guarantee Details /Payment details shall be indicated on the letter head along with a scanned copy of the above payment must be uploaded during tender submission. Failure to furnish relevant document of EMD amount may lead to rejection of the bid.

The EMD may be forfeited:

- If a bidder withdraws the bid after bid opening during the period of validity.
- The information provided by the bidder is found to be false/forged document have been provided. This will entail black listing of the tender also.

IN CASE L1 BACKS OUT: In case The bidder withdraws during the technical evaluation and before financial bid opening, still the technical bid of such bidder will be evaluated and in case such bid is technically suitable and happens to be L-1, then also the tender must be discharged and EMD of the bidder will be forfeited.

Return of Earnest Money deposit: No interest shall be allowed on the Earnest Money deposit by the Bidder. The earnest money of the unsuccessful bidder will be refunded on their request after the finalization of the contract.

The Earnest Money deposited by the successful bidder will be adjusted towards the Security deposit for the fulfilment of the contract.

EMD shall be forfeited if the Bidder fails to submit the balance amount of Performance Bank Guarantee within 30 Days (i.e. 5% of the tendered value - the requisite security deposit). EMD of successful bidder shall be returned after submission of performance bank guarantee within 30 days.

7 PERFORMANCES CUM WARRANTY BOND:

- (i) PBG for supply and testing etc. will be submitted by Bidder in the form of Performance Bank Guarantee (PBG) equal to 5% of the Purchase order value through the scheduled bank of India in favor of ITI.
- (ii) PBG to be submitted by successful bidder awarded the PO as per above to ensure due performance.
- (iii) PBG must be furnished within 15 days from the date of issue of LOI and should remain valid for a period of 60 days after the completion of warranty obligation of the Bidder.
- (iv) If the PBG validity is going to expire before completion of project, it will be obligatory on bidder part to extend the PBG validity period accordingly.
- (v) If PBG is not submitted within 15 days from the date of issue of LOI, then the successful bidder may submit the same within 30 days with 12% penal interest on amount of performance guarantee from the 15th day to the date of submission within the cut off 60 days. However, if PBG is not submitted within 30 days, then ITI reserve the right to cancel the LOI duly forfeiting the EMD.
- (vi) In case, PBG beyond 30 days is to be accepted under specific circumstances to with successful bidder, extension of maximum of 60 days with 12% annual interest will be given subject to approval from concerned authority of ITI.
- (vii) No interest shall be allowed on the PBG.

8 SECURITY DEPOSIT (SD):

In addition to PBG, Security Deposit 5% of tax invoice value will be retained as security deposit. The EMD of the successful Bidder shall be adjusted against the SD. In case the Bidder furnishes the Bank Guarantee from scheduled Bank against 5% SD, then the same may be accepted and EMD will be returned.

Refund of Security Deposit: SD will be returned after completion of project period and after deducting LD/loss to ITI due to negligence/delay on part of bidder and if following conditions are met.

- a) Final Payment of the Contract.
- b) Execution of Final Supplementary Agreement or Certification by Engineer that ITI has No Claim on Contractor.
- c) Maintenance Certificate issued, on expiry of the maintenance period wherever applicable.
- d) No interest shall be allowed on the Security Deposit.
- e) Finalization of material reconciliation.

9 LIQUIDITY DAMAGES (LD) CLAUSE:

LD shall be as per the following clauses:

- a) At a sum equivalent to 1% of the value of the work order as per the milestone for each week of delay or part thereof for a period up to 10 (TEN) weeks, and thereafter
- b) At a sum equivalent to 1.4% of the value of the work order as per the milestone for each week of delay or part thereof for another 10 (TEN) weeks of delay.
- c) In addition to above clauses of LD, If the achievement of milestone is delayed due to the bidder, the applicable penalty LD shall be as per BSNL BharatNet Ph 3 tender including amendments conditions (LD is capped at 24% of work order value)
- d) ITI reserves the right to terminate/cancel the work order for abnormal delay and complete the balance work at the risk and cost of the bidder. The timelines for completing the work shall be as defined in the P.O. released to the successful bidder and any delay shall trigger LD clause as mentioned above. Delay attributed to Force Majeure or enhancement in the scope of work by the way of modification or delay on the part of ITI in the clearing the site, furnishing of clarification, Supply of ITI materials etc. shall not attract LD.

10 PAYMENT TERMS AND CONDITIONS:

- a) ITI will issue a Release Order confirming the items to be supplied with consignee details.
- b) Payment will be made within 60 days open credit from the date of submission of Invoice as per the payment terms.

c) Payment terms will be as follows:

Sl. No.	Description	Payment
1.	Desktop planning and Approval from ITIL/BSNL	10%
2.	Supply, I&C, AT testing of Inventory management tool & GIS software (Subject to maximum of 70% of invoice value pertaining to Inventory Management tool)	5%
3A	Completion of physical survey, getting the approval from BSNL for at least 80 blocks.	15%
3B	Completion of physical survey, getting the approval from BSNL for the next 100 blocks.	15%
4A	Completion of physical survey, getting the approval from BSNL for the last 78 blocks. (Remaining 30% of invoice value pertaining to Inventory Management tool will be paid along with this mile stone)	15%
4B	Capturing and submission of data and geo tagging in GP/ Block location related to electronic nodes installed and associated equipment's along with serial numbers to ITI/BSNL	5%
5.	25% of the work order value will be considered for the payment of ABD work in a progressive manner on the basis of total Kilometer scope. The payment will be made after submission and approval of ABD by IEBSNL. The payment for completed ABD shall be released after completion of the ring based on kilometer completed for those rings.	25%
6.	After the completion of project (by submission of all required GIS tools, Inventory tool etc. related documents such as ABD, measurement book, software license for future O&M, training and all required GIS tool, Inventory tool etc.).	10%

11 WARRANTY SUPPORT

- i. Bidder shall provide support for the supplied items (hardware and software (GIS tool, INV tools etc..)) till the completion of the project implementation phase.
- ii. Acceptance of software tool shall mean receipt of the same and functionally working.
- iii. If the software tools are corrupted/ nonfunctional due to any reason, the bidder has to attend the same and resolve the issue within 48 hrs and make it operational otherwise alternate arrangement has to be provided within that stipulated time so that the Project activities should not get hampered. In case solution is not provided within 48 hrs., LD will be imposed at the rate of Rs. 1,000/Day after 48 hrs.
- iv. During warranty period hard drives shall be supported, on "Defective Media Retention basis". ITI will keep the defective hard drives.

Technical Specification for GIS Mapping of OFC Routes

1. General requirements

1.1 Geographical Information System (GIS)

- Bidder shall perform GIS based desktop planning, preliminary design, detailed video graphic survey, GIS data collection during execution for creation of digital As Built Drawing (ABD) on GIS.
- Bidder shall collect and maintain the inventory of both physical and logical resources of OSP (outside plant - fibre, chamber, splice-closure, coupler etc.), ISP (Inside Plant: room, rack equipment's and their connectivity) and power infra through Inventory tool.
- Bidder shall maintain and store all details of deployed network infrastructure till the readiness of C-NOC. After readiness of C-NOC, Bidder shall upload all GIS data.
- Bidder shall upload all required GIS details such as data files, videos, photos, etc. on C-NOC GIS application.
- Bidder shall provide all required information related to network to C-NOC for fibre inventory management.

Note: The specific functional criteria listed in clause no. 2 below for the GIS mapping of OFC routes.

1.2 Asset management

- Bidder shall maintain a detailed inventory of all BharatNet network assets, including but not limited to routers, switches, OFC, RFMS and other infrastructure components. This inventory will be validated by the Independent Engineer (IE) and then approved by the BSNL/ITIL.
- Bidder shall manage the entire asset lifecycle of BharatNet infrastructure. Bidder in consultation with BSNL/ITIL shall assign unique identifiers or tags to network assets and infrastructure elements in the field, such as routers, switches, fibre cables, splice points, junction boxes, and termination points etc.

2 Functional requirements for GIS Mapping of OFC Routes

- Accuracy: sub meter level accuracy (20cm).
- Format: .shp format with mapping on Geography Coordinate System (GCS) projection system with WGS 84 datum.
- Codification and layer structure will be provided by BSNL. The bidder shall be responsible to create separate layers for all network elements as per the requirement. However, the indicative structure of the shape files for Block, GP, route markers and OFC layers are as given below:

Block Layer (indicative)			
SN	Field	Type	Description
1	Name	String	Block Name
2	Asset Type	String	Block

Block Layer (indicative)			
SN	Field	Type	Description
3	Blk_Name	String	Block Name
4	Blk_Code	String	Block Code
5	Dt_Name	String	District Name
6	Dt_Code	String	District Code
7	St_Name	String	State Name
8	St_Code	String	State Code
9	Lat	Double	Latitude
10	Long	Double	Longitude
11	Cable_Len	Double	Cable Length
12	Remarks	String	if any
13	Obs	String	Observation
14	Status	String	Editing Status/It should be blank
15	Block_ip	String	IP address of BLOCK
16	geo_photo	String	Photo with geo-location
17	Vendor	String	Name of vendor
18	Phase	String	1/2/3
19	Model	String	DBOM
20	Technology	String	IP-MPLS

GP Layer (indicative)			
SN	Field	Type	Description
1.	Name	String	GP Name
2.	Asset Type	String	GP
3.	Asset_Code	String	GP Code
4.	LGD_Code	String	LGD Code for Location
5.	Location	String	Location Name of GP
6.	Loc_Type	String	School, College, GP, PANCHAYAT BHAWAN etc.
7.	GP_Code	String	GP Code
8.	NMSBLOCK_CD	String	NMS BLOCK Code
9.	NMSGP_C D	String	NMS GP Code
10.	Blk_Name	String	Block Name
11.	Blk_Code	String	Block Code
12.	Dt_Name	String	District Name
13.	Dt_Code	String	District Code
14.	St_Name	String	State Name
15.	St_Code	String	State Code
16.	Lat	Double	Latitude
17.	Long	Double	Longitude
18.	Cable_Len	Double	Cable Length
19.	Remarks	String	Remarks from BSNL
20.	Obs	String	Observations
21.	Status	String	Editing Status/It should be blank
22.	Block_ip	String	IP address of Block
23.	GP_mac_id	String	Mac Id of GP
24.	Otdr_len	Double	Length in meters
25.	Conn_str	String	PIC-PON- GP ID
26.	GP_sr_no	String	Device serial no.
27.	Backhaul	String	OFC or R F / Sat

GP Layer (indicative)			
SN	Field	Type	Description
28.	geo_photo	String	Photo with geo-location
29.	Phase	String	1/2/3
30.	Route_code	String	New/Old

OFC Layer (indicative)			
SN	Field	Type	Description
1	Name	String	OFC Route name
2	Asset Type	String	Leased/Incremental
3	Asset_Code	String	Segment Code
4	Blk_Code	String	Block Code
5	Dt_Code	String	District Code
6	St_Code	String	State Code
7	CS	String	Cable Section
8	Seg_Length	Double	Route length
9	Start_Node	String	Starting Asset
10	S_Cable_Len	Double	Starting Cable Length
11	End_Node	String	Ending Asset
12	E_cable_Len	Double	Ending Cable Length
13	num_fibre	String	24/48
14	Status	String	Editing Status/ It should be blank
15	Remarks	String	Remarks from BSNL
16	Obs	String	Observations
17	Traverse	String	FIBRE POSITION e.g. 'U' For Underground, 'O' for Overhead
18	fibre_pos	String	Left/ Right of the road
19	Direction	String	Towards GP or Block
20	Phase	String	1/2/3
21	Route_code	String	New/Old

Route marker (indicative)			
SN	Field	Type	Description
1	Name	String	Route marker NAME
2	Type	String	Asset Type
4	Blk_Name	String	Block Name
5	Blk_Code	String	Block Code
6	Dt_Name	String	District Name
7	Dt_Code	String	District Code
8	St_Name	String	State Name
9	St_Code	String	State Code
10	Lat	Double	Latitude
11	Long	Double	Longitude
12	rd_Offset	Double	Offset from centre of the Road
13	CS	String	Cable Section
14	Remarks	String	Remarks from BSNL
15	Obs	String	Observations
16	cable_len	String	if any
17	Status	String	Editing Status/ It should be blank
18	geo_photo	String	Photo with geo-location

Route marker (indicative)			
SN	Field	Type	Description
19	fibre_pos	String	Left/ Right of the road
20	Direction	String	Towards GP or Block
21	Phase	String	1/2/3
22	Route_code	String	New/Old

Note: For other required layers similar structure may be envisaged.

2.2 GIS data collection

- Bidder shall conduct survey of the Block and associated routes from Block to Gram Panchayats (GPs) to evaluate the existing and new fiber cable needed for network implementation. Bidder shall prepare the Desktop plan and do the physical survey and submit the plan for approval by ITI/BSNL.
- Bidder shall collect coordinates of landmarks such as culverts, bridges / nallah, water bodies, crossroads, railway crossing, flyovers and public places like temples/mosques, bus-stop, PHC, post office, school/college, shops, police stations, banks, tourist spots, hospitals, etc. to be captured along with the route marker, cable joints, etc. along with the cable routes. One additional reading in the middle of the two manholes / RI should be recorded in the already laid network. Recordings are necessarily to be made at every fibre turn, bend along the route, road/railway crossing, culverts, diversion etc. Sufficient recordings at short intervals on the curvature of the route shall be captured to map it on GIS properly.
- Bidder shall collect photos of various assets such as Blocks, GPs, manholes, joint chambers, FDMS, route markers etc. with geo tagged images.
- Bidder shall collect information about terminated and spare fibres, loops, cable types/sizes and optical test results for each fibre, utilizing previously recorded data from BSNL. This includes port-by-port fibre configurations, termination details, and OTDR readings for Blocks and Gram Panchayats (GPs). Bidder shall collect cement/electronic route marker (lat-long) details for route marker identification.
- Bidder shall collect information about road length, width and type (RCC etc.). variation in width of road in meters taking offset from the center of the road.
- Bidder shall gather details about authorities such as railway, National Highways (NH) and forest departments within the limits of the OFC path required for RoW permissions
- The point feature like poles, sewerage manholes, other utility chambers, transformers, bore well etc. shall be captured as a point.
- The record of Block, GP and any utility shall be maintained within a 50-meter corridor with an accuracy of 20 cm (25 meters on each side of the road's center line or within the road's right-of-way, whichever is greater).
- To and fro direction towards village, town, city etc. shall be recorded for all roads.
- The geo coordinates of all road KM stones shall be recorded and shown using symbol provided.

- Note: All the asset locations on ground are to be geo-tagged in five photographs (one close-up and four from different directions covering road part and landmarks, if visible) and videography (zoom & wide angle) to be taken to identify the exact point later. There will be a practical situation where the route markers will be found missing, in such situation a play card with the notional assets no. available RID/ABD to be placed on the identified point.

2.3 Mobile app for data collection from field

Bidder shall use BSNL mobile application & video recording solution for the BharatNet Project to accurately document project activities such as trenching, fibre laying, splicing and equipment deployment. The key requirements are given below.

- Bidder shall record videos of depth, offset, chainage marking, etc. of overhead or underground alignment type of execution (HDD, OT, Aerial etc.)
- The video should support to record and identify depth, offset, ofc accessories details and landmarks of routes.
- Bidder shall ensure that the accuracy of videos and GIS coordinates is within the range of 20 cm. (a sample check of the survey shall be performed on the ground by IE to check the submeter level accuracy (≤ 20 centimeters). BSNL may use CORS system deployed by Survey of India for measuring the accuracy during sample check. The survey data shall be rejected if the accuracy of the sample data is not in accordance with the desired accuracy).
- The Bidder should use suitable devices such as GNSS / DGPS (which can be pole-mounted or handheld as necessary), or any other appropriate technology and mobile applications for conducting surveys to capture GIS coordinates, videos, and photos of completed work.
- The BharatNet mobile app can be used as needed for capturing GIS coordinates, videos, and photos of executed work. The GNSS/ DGPS or any other device used by the Bidder must be compatible with the BharatNet mobile app. If the Bidder opts for its own application than bidder shall upload videos in mp4 format and GIS coordinates in shape file format on BSNL provided GIS application also. If the bidder uses the BSNL mobile app, videos and GIS coordinates will be uploaded automatically.
- If Bidder uses own mobile app, in such case all videos and photos shall be geo tagged and geo location shall be mentioned in file name. The geographical information shall also be available in header file.

2.3.1 Video specifications:

- Format: MP4 format, minimum 720p & and above resolution, and 30 fps/60fps frame rate with HEVC codec for video compression.
- Content: Each video segment shall clearly capture start and end points of activities, depth readings for trenching/drilling, manhole/cable chamber installation, details of OFC blowing/pulling, splicing activities, route markers, and active equipment deployment procedures.
- Continuous recording: Videos shall be recorded continuously without cuts or edits, and file sizes should be optimized for efficient data exchange.
- Visual evidence: Use calibrated vertical measuring tools to display depth in the video frame

at every 10 meters for Open Trenching.

- Verbal commentary: Provide running commentary describing activities, depth measurements, and location references.
- Date and time stamp: Automatically embed date and time stamps in recordings.
- File naming: File names should clearly indicate the type of work, block, and route.
- The following details (indicative) shall be captured in videos:
 - Chainage (CH) details
 - Methodology type
 - Depth and Offset details.
 - Lat long of each pit, RI, splice chamber landmarks etc.
 - Crossing of roads
 - 3 reference points of RI, Block and GP
 - Major crossing
 - Forest area, etc.

Note:

Requirements for mobile device/ handset for GIS mobile app

- The Bidder shall have dedicated mobile for BharatNet program to capture implementation videos.
- Mobile device shall support minimum android version 13.0 & iOS version 15 for operating the GIS mobile application.
- Mobile device shall support minimum camera capacity of 48 MP or higher and have at least 256 GB storage with augmented cloud storage capabilities as well.
- The camera should provide stable footage with minimal shaking or distortion.
- The video recording needs to be captured in sufficient day light and significant speed of maximum 40mtr/minute and minimum of 20mtr/minute.
- The video recorded and uploaded by Bidder to BSNL shall also be stored by the bidder for future reference, extending for a duration of one year or until invoicing, whichever is higher.
- Mobile device shall support all the required features to fulfill the video recording requirements.

2.4 GIS data upload and validation

- BSNL shall provide online tool and measurement book format for uploading the captured data and information.
- Bidder shall upload geotagged images and videos of designated locations in specified formats. The mobile app of BharatNet shall be used to upload photos and videos to be taken from the sites.

- To upload Block-wise data on GIS application (web and mobile), BSNL will provide base maps to facilitate the upload and optimization of captured data and information, including fibre infrastructure and termination details etc.
- Validation of uploaded data shall be done in two stages:
 - **First stage:** The bidder shall upload and verify the Block wise data/ videos/ photos in the GIS application (web/ mobile)
 - **Second stage:** Second level validation shall be done by IE of respective Block.
- If the data correction is required at any stage, the same shall be sent to the bidder for necessary correction.
- Bidder shall be responsible to modify/ correct the data and submit for revalidation by the IE/ BSNL.

2.5 Digital As-Built Drawing (ABD):

- As-Built Drawing (ABD) shall be created digitally on GIS platform.
- Bidder shall record details of other operators and utilities such as underground optical fiber cables, utility pipes, transmission cables, and other similar infrastructure, in the digital ABD wherever possible.
- The geo coordinates of all property boundaries within the fibre route corridor shall be recorded and shown in digital ABD.
- Bidder shall capture physical OFC asset details and locations in respect of locations/ asset visited for capturing GIS data.
- Existing data as per documentations/ details made available to bidder w.r.t. to old OFC laid.
- ABD shall be prepared from Block to GPs during implementation. The ABD for each block shall be prepared separately. ABD may have the following details:

Particulars	Parameters to be captured (indicative)
Cable details	<ul style="list-style-type: none"> • Make and Size of the cable
Joint details	<ul style="list-style-type: none"> • Location of Joint Chamber (Lat/ Long details in decimal degree format up to six-digit precision) • Depth of Joint Chamber Cover from ground level • Details of cable stack at each joint chamber • 3 reference point of joint locations
Route marker	<ul style="list-style-type: none"> • Location of Route Marker Cement / Electronic (Lat/ Long details in decimal degree format up to six-digit precision) • Route Marker Identification details • 3 reference point of each route marker
OFC Alignment Details	<ul style="list-style-type: none"> • Offset of cable from centre of the road at every 10 meters (Details to be captured from HDD Graph / digital measurement book)

	<ul style="list-style-type: none"> • Details of crossings (road / rail / nala etc) should be provided. • Depth profile of cable at every 10 Meter (Details to be captured from HDD Graph / Measurement Book) • Details of protection with type of protection (Details to be captured from BSNL provided input) • Locations of culvert and bridges with their lengths and scheme of laying of HDPE / PLB pipe thereon
Landmark Details	<ul style="list-style-type: none"> • Important landmarks to facilitate locating the cable position in future to include important buildings such hospital, religious places, petrol pumps, educational institutes, government offices, commercial complex, major residential complex / building etc
Road feature details	<ul style="list-style-type: none"> • Electric Pole / Transformer • Telephone Pole • Utility Manhole • KM Milestone • Street Pole / Lamp Post • Median • Divider • Large Tree

- Readings shall be recorded without any exception at interval of 10 meters including every bend on the road, road/railway crossings, culverts, diversion etc. Each section shall record maximum 200 to 250 meter of the route length.
- All the property boundaries within the corridor shall be recorded and shown in drawing. Three point's references need to be shown for every joint chamber/pull through chamber/manholes.
- Collection of data shall also include custodianship of equipment in each Gram Panchayat.
- All the diagrams shall be verified by the Bidder (project manager level person) as a proof of accuracy of the details. The ABD may have the following details.
 - Name of the Project Organization
 - Name of the OFC Link with ID
 - Name of the PIA (ITIL)
 - Name of Survey Rep as part of acceptance test
 - Name of BSNL Rep (IE) as part of acceptance test
 - Date of commencement of work.
 - Date of completion of work
- RoW: Railway authority, National highway, Forest authority and any other authority limit along with OFC path shall be captured in ABD (details will be provided in BSNL ancillary input data).

- The Bidder shall also be provided an option to upload ABD in GIS format (.shp etc.) in the GIS platform through online tool to be provided by BSNL. In such cases, bidder shall prepare ABD in GIS format (shape format) of OFC connectivity from Block location to respective Gram Panchayats (GPs), routes data shall be in soft copy.

2.6 Digital measurement book

- Digital measurement book module of BharatNet C-NOC shall automatically calculate and update the work completed data including route length in RKM, depth etc. based on the videos uploaded during the execution of the work.
- Bidder shall be responsible to provide/ update the measurement book information in the available PM tool MB module via mobile application to record work details in the C-NOC MB module if required. The recorded, reading in the MB cannot be deleted. The MB data shall be validated by the (approved/ rejected) by the IE. Bidder shall maintain and store all details of measurement book till the completion of C-NOC application. After completion of C-NOC, Bidder shall upload all required data in BSNL PM tool also.
- Bidder shall also get an option for manual entry of records in digital measurement book of available PM tool in case of any issue faced in automated process.

2.7 Inspection and audit module

- Bidder shall have access of PM tool inspection and audit module, this module shall be utilized by IE to validate the high- and low-level network design, inspect the project and identify any lapses/defect etc. The Bidder shall provide comments on the observations and describe the necessary actions required, including specific timelines for completion, if PM tool supplied by the bidder.

3 SURVEY AND PLANNING

The tender mandates the Bidder to conduct an exhaustive video-based site and route survey based on an optimal/ shortest path to connect Gram Panchayat (GP) and Block. All the videos during Survey shall be taken using Mobile APP to be provided by BSNL, if available. Else, The Bidder shall take the videos as per the specifications, which shall be uploaded in the BharatNet GIS platform also in the CNOC. The bidder shall perform the following activities for site survey and planning:

- a) BSNL shall provide the GIS details for site and route data of the Existing Network to the bidder on as is where is basis.
- b) The Bidder shall deploy a GIS based planning tool for desktop planning. The tool based on the Geo coordinates of the Block and the GPs shall provide the initial optimal path of the connectivity using road data. The Bidder shall use such initial plan for physical site survey. Subsequently, Bidder must release final route plan after approval from BSNL for execution of work.

- c) The bidder shall conduct an actual Geographic Information System (GIS)-based survey for the area under scope of work.
- d) The Bidder shall record with videos, constraints about the changes in the desktop routes proposed based on physical survey. Independent Engineer (I.E.) and BSNL may use such evidences for approval of the design and BoQ. The access of such GIS based planning tool shall be given to the IE and BSNL/ITIL also.
- e) The Bidder shall ensure that the GIS based file formats should be compatible with BharatNet GIS platform. Furthermore, sharing and integration of GIS data under this project with the afore-mentioned platform shall be the responsibility of the bidder and BSNL/ITIL shall provide reasonable assistance in the same.
- f) During the survey, the bidder shall consider connectivity till Gram Panchayat (GP) based on the optimal path for fibre layout covering maximum population en-route.
- g) The bidder shall provide all the relevant drawings such as network diagram, L-14, As Build Diagram (ABD), related for the Development Works and/or the Upgradation Works for New Network and Existing Network to BSNL/ITIL and its designated agency. The network diagram shall include both High- and Low-Level Design (HLD & LLD).
- h) The Bidder shall create/update the relevant engineering drawings/design in case of future upgradation, ensure updation of GIS platform and other relevant systems as required by BSNL/ITIL.
- i) All engineering drawings/design and documents shall be created, updated and maintained by the bidder on its system/tool or portal and shall be accessible to BSNL/ITIL throughout the Contract Period. All these will eventually be handed over to BSNL and will become property of USOF, DoT.

3.1 Videography

- a) Videography for all the works like trenching, fibre laying, splicing etc shall be conducted by the bidder. The Video Recording (with Date/ Time stamping and GPS coordinates) of the OFC laying and Ducting works by the bidder shall be done in following phases as under:
- b) Ducting - Video recording of Open Trenches is to be done using a Vertical Measuring Stick (Known as Measuring Staff in Civil Engineering Terms) at every 50 (Fifty) Mtr intervals. The depth reading in the Staff from top of the duct should be clearly recorded. In case of HDD (if the bidder is not using the machine recorded depth and produce the depth data), the depth of Entry & Exit pits should be Video recorded from top of the duct. The Couplers, Plugs and End Caps wherever required should also be captured in the video. Protection used in case of Low Depth should also be Video Recorded.

- c) OFC Blowing/ Pulling - The OFC blowing process should be Photographed (geo tagged with time stamp) clearly showing the drum and fibre meter reading details.
- d) Splicing- The splicing should be Photographed (geo tagged with time stamp) clearly showing that all 24F/48 F have been spliced and arranged in cassette.
- e) Man Hole/ Cable Chamber- The Cable Chamber of MH base should be Photographed (geo tagged with time stamp) clearly showing the base plate of 50 mm thickness, RCC joint Chamber and Top Cover. The cable loop also to be video recorded – showing start and end readings.
- f) Route Markers- Route Markers should be Photographed (geo tagged with time stamp).
- g) All Videos/ Photographs (geo tagged with time stamp) shall be submitted /uploaded with a unique location related name in a folder with file descriptions clearly indicating each of the above activities like Ducting, Blowing, Splicing, MH/CC & RM.
- h) The MP4 Video should have 3 windows running concurrently for following views-
 - (a) Window 1 – Physical work being carried out with Lat/ Long and Date/Time stamp
 - (b) Window 2 – Location of the activity on Google Map.
 - (c) Window 3 – KMZ/KML file with chainage, OFC route, Depth, Offset from road centre & Lat/ Long of Joint pits etc.
- i) Each Video file should be of at least 2 minutes time duration capturing works being done for 40 Mtrs in case of Open Trenching and one shot in case of HDD. The size of each Video file should not be more than 30MB so that the same can be sent through mobile/mail etc.
- j) The speed of movement of the camera while recording the Video should be maximum 20Mtr/Minute.
- k) All Video recordings should be done in day light time without rain, fog, mist etc. Wherever, the video recording is not possible, photographs should be taken at every 10 meters with the approval of BSNL.
- l) The nomenclature of the files should be in the following format:- XXXX_YYYYY: 12345_67890: Work
 - XXXX is the Route Abbreviation as per the Work Order
 - YYYYY is the Circle+District+Block Abbreviation as per the Work Order
 - 12345 is the Chainage of start point of Video Recording
 - 67890 is Chainage of end point of Video Recording
 - Work- OT Ducting- OTD, HDD, OFC Blowing- OFB, Splicing- OFC, MM/CC, RM etc.
- m) Block end should be Chainage '0' and GP end should be taken as the last Chainage.
- n) The Backend team of the bidder should merge all the files of a section of 40 meters in succession or HDD shot and send to ITI/BharatNet BA team of the Circle for review / verification of works

and GIS NOC for linking the same with GIS.

Note: GPS enabled Camera/mobile phone, that can record Video with live tracking of LAT LONG (GPS Coordinates) and Date/ Time Stamping shall be used by the bidder. Video output resolution should not be less than 720dpi.

RKM is the Route Kilometers measured along the route length only.

FORM OF BID-SECURING DECLARATION

Date:

[RFP No.....]

To
The ITI LIMITED
NS Unit
Bengaluru 560016

We, the undersigned declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-securing Declaration. We accept that we are required to pay the bid security amount specified in the Term and Condition, failure to do so will automatically exclude us from being eligible for Bidding or submitting Bid in any contract with the employer for the period of two years if we are in breach of our obligation(s) under the term and condition prescribe for ticketing vide invitation letter no:

- a) Have withdrawn our Bid during the period of Bid validity specified by the Bidder in the Form of Bid; or
- b) Having not accepted the correction of errors in accordance with the instructions to Bidders ITB or
- c) Having been notified of the acceptance of our Bid by the Employer during the period of Bid validity
 - i) Fail or refuse to furnish the performance security in accordance with the ITT, or
 - ii) Fail or refuse to execute the contract in accordance with the ITB.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of

- i. Our receipt of your notification to us of the name of the successful Bidder: or
- ii. Thirty (30) days after the expiration of our Bid.

Sign and Seal
Name of Authorized Official
Legal Stamp

ANNUAL FINANCIAL TURN OVER FOR LAST THREE YEARS.

Sl. No.	Financial year	Turnover	Average of three years
1	2021-22		
2	2022-23		
3	2023-24		

Note:

In addition to the above, the applicant has to submit the following documents/information,

- a. Copy of the balance sheets
- b. Copy of the valid GST no.
- c. Copy of the PAN.
- d. Other relevant details if any.

The requisite Turnover certificate shall be duly certified by a Chartered Accountant with his seal /Signature and Registration No.

Signature of the bidder with Seal

DETAILS OF THE WORK COMPLETED DURING THE LAST 7 YEARS

Sl. No.	Name of work	Scope of services	Value of work	Date of start/completion	Name and address of the client	Value of TDS in case of private work	Remarks

NOTE:

The following documents are to be enclosed for each of the above works.

- a. Work Completion certificate (OR) work in progress certificates with documentary proof certified by clients.
- b. Copy of award letter and PO/WO copy.
- c. Other relevant documentary evidence, if any.

Signature of the bidder with Seal

PRE CONTRACT INTEGRITY PACT

PURCHASE ENQUIRY/ORDER No.

THIS Integrity Pact is made on.....day of20.

BETWEEN:

ITI Limited having its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bangalore – 560 016 and established under the Ministry of Communications, Government of India (hereinafter called the Principal), which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns) ON THE ONE PART

AND:

..... represented by.....Chief Executive Officer (hereinafter called the Contractor(s), which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the bidder/contract ON THE SECOND PART.

Preamble

WHEREAS the Principal intends to award, under laid down organizational procedures, contract for of ITI Limited (name of the Stores/equipment's/items). The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor(IEM), who will **monitor** the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

SECTION 1 – COMMITMENTS OF THE PRINCIPAL

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled to.
 - b. The Principal will, during the tender process treat all bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all bidder(s) the same information and will not provide to any bidder(s) confidential/additional information through which the bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Act if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its internal laid down Rules/Regulations.

SECTION 2 – COMMITMENTS OF THE BIDDER/CONTRACTOR

- 2.1 The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the tender process and during the execution of the contract.
- a. The bidder(s)/contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
 - b. The bidder(s)/contractor(s) will not enter with other bidders/contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The bidder(s)/contractor(s) will not commit any offence under IPC/PC Act, further the bidder(s)/contractor(s) will not use improperly, for purposes of competition of personal gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

- d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
- e. The Bidder(s)/Contractor(s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The Bidder(s)/Contractor(s) will not bring any outside influence and Govt bodies directly or indirectly on the bidding process in furtherance to his bid.
- g. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

SECTION 3 – DISQUALIFICATION FROM TENDER PROCESS & EXCLUSION FROM FUTURE CONTRACTS

- 3.1 If the Bidder(s)/Contractor(s), during tender process or before the award of the contract or during execution has committed a transgression in violation of Section 2, above or in any other form such as to put his reliability or credibility in question the Principal is entitled to disqualify Bidder(s)/ Contractor(s) from the tender process.
- 3.2 If the Bidder(s)/Contractor(s), has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled exclude including blacklisting for future tender/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the Bidder(s)/Contractor(s) and the amount of the damage. The exclusion will be imposed for a period of minimum one year.
- 3.3 The Bidder(s)/Contractor(s)with its free consent and without any influence agrees and undertakes to respect and uphold the Principal’s absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack of any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.
- 3.4 A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that on the basis of facts available there are no material doubts.
- 3.5 The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the Bidder(s)/ Contractor(s) shall be final and binding on the Bidder(s)/ Contractor(s),

however the Bidder(s)/ Contractor(s) can approach IEM(s) appointed for the purpose of this Pact.

- 3.6 On occurrence of any sanctions/ disqualifications etc arising out from violation of integrity pact Bidder(s)/ Contractor(s) shall not entitled for any compensation on this account.
- 3.7 subject to full satisfaction of the Principal, the exclusion of the Bidder(s)/ Contractor(s) could be revoked by the Principal if the Bidder(s)/ Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption preventative system in his organization.

SECTION 4 – PREVIOUS TRANSGRESSION

- 4.1 The Bidder(s)/ Contractor(s) declares that no previous transgression occurred in the last 3 years immediately before signing of this Integrity Pact with any other company in any country conforming to the anti-corruption/ transparency International (TI) approach or with any other Public Sector Enterprises/ Undertaking in India of any Government Department in India that could justify his exclusion from the tender process.
- 4.2 If the Bidder(s)/ Contractor(s) makes incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under Section-3 of the above for transgressions of Section-2 of the above and shall be liable for compensation for damages as per Section-5 of this Pact.

SECTION 5 – COMPENSATION FOR DAMAGE

- 5.1 If the Principal has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the award according to Section 3 the Principal is entitled to forfeit the Earnest Money Deposit/Bid Security/ or demand and recover the damages equitant to Earnest Money Deposit/Bid Security apart from any other legal that may have accrued to the Principal.
- 5.2 In addition to 5.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Contractor default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

SECTION 6 – EQUAL TREATMENT OF ALL BIDDERS/CONTRACTORS

- 6.1 The Principal will enter into Integrity Pact on all identical terms with all bidders and contractors for identical cases.
- 6.2 The Bidder(s)/Contractor(s) undertakes to get this Pact signed by its sub-contractor(s)/sub-vendor(s)/associate(s), if any, and to submit the same to the Principal along with the tender document/contract before signing the contract. The Bidder(s)/Contractor(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement by any of its sub-contractors/sub-

vendors/associates.

- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this Integrity Pact or violate its provisions.

SECTION 7 – CRIMINAL CHARGES AGAINST VIOLATING BIDDER(S)/ CONTRACTOR(S)

- 7.1 If the Principal receives any information of conduct of a Bidder(s)/Contractor(s) or sub-contractor/sub-vendor/associates of the Bidder(s)/Contractor(s) which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

SECTION 8 – INDEPENDENT EXTERNAL MONITOR(S)

- 8.1 The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- 8.2 The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.
- 8.3 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Bidder(s)/Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Bidder(s)/Contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Bidder(s)/Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.
- 8.5 The Monitor will submit a written report to the Chairman & Managing Director of the Principal within a reasonable time from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.6 If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the Principal

has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

8.7 The word '**Monitor**' would include both singular and plural.

8.8 Details of the Independent External Monitor appointed by the Principal at present is furnished below: -

IEM I

Shri Atul Jundall, IFS (Retd.)

3/10 Vishesh Khand Opp. Little Friend School

Gomti Nagar, Lucknow-226010(UP)

IEM II

Shri Benny John, IRS (Retd.),

Villa No. 36, Kent Plam Villas,

Fort Valley Township, Athani,

Kakkanad, Ernakulam, Kerala- 682 030

Any changes to the same as required / desired by statutory authorities is applicable.

SECTION 9 – FACILITATION OF INVESTIGATION

9.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s)/Contractor(s) and the Bidder(s)/Contractor(s) shall provide necessary information and documents in English and shall extend all help to the Principal for the purpose of verification of the documents.

SECTION 10 – LAW AND JURISDICTION

10.1 The Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall the seat of the Principal.

10.2 The actions stipulated in this Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

SECTION 11 – PACT DURATION

11.1 This Pact begins when both the parties have legally signed it. It expires after 12 months on completion of the warranty/guarantee period of the project / work awarded, to the fullest satisfaction of the Principal.

11.2 If the Bidder(s)/Contractor(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Bidder(s)/Contractor(s).

11.3 If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

SECTION 12 – OTHER PROVISIONS

12.1 This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate Office of the Principal at Bengaluru.

12.2 Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.

12.3 If the Bidder(s)/Contractor(s) or a partnership, the pact must be signed by all members and partners.

12.4 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

12.3 Any disputes/ difference arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with this Pact or interpretation thereof shall not be subject to any Arbitration.

12.4 The action stipulates in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this Pact at the place and date first done mentioned in the presence of the witnesses:

For PRINCIPAL

For BIDDER(S)/CONTRACTOR(S)

.....

.....

(Name & Designation)

(Name & Designation)

Witness

Witness

1)

1).....

2)

2).....

MUTUAL NON- DISCLOSURE AGREEMENT

This Agreement is made as of the ----- 2024 between ITI Ltd. having its registered and corporate office at Dooravani Nagar, Bangalore-560016

And -----hereinafter called ITI Ltd. which expression shall unless repugnant to the subject or the context mean and included its successors, nominees or assigns and (M/s. -----) a company having its registered office at ----- herein after called “The Bidder” which expression shall unless repugnant to the subject or the context mean and include its successors, nominees or assigns.

Whereas in order to pursue the mutual business purpose of this particular Consultancy as specified in Exhibit A (the “Business Purpose”), ITI Ltd. and M/s -----

----- recognize that there is a need to disclose to one another certain information, as defined in Para 1 below, of each party to be used only for the Business purpose and to protect such confidential information from unauthorized use and disclosure.

In consideration of the other party’s disclosure of such information, each party agrees as follows:

This Agreement will apply to all confidential and proprietary information disclosed by one party to the other party, including information listed in Exhibit A attached hereto and other information which the disclosing party identifies in writing or otherwise as confidential before or within thirty days after disclosure to the receiving party (“Confidential information”).

Information consists of certain specifications, designs, plans, drawings and /or technical information, and all copies and derivatives containing such information, that may be disclosed to one another for and during the purpose, which a party considers proprietary or confidential (“Information”). Information may be in any form or medium, tangible or intangible, and may be

Communicated/disclosed in writing, orally, or through visual observation or by any other means to one party (hereinafter referred to as the receiving party) by the other party (hereinafter referred to as one disclosing party). Information shall be subject to this Agreement, if it is in tangible form, only if clearly marked as proprietary or confidential as the case may be, when disclosed to the receiving party or, if not in tangible form, its proprietary nature must first be announced, and it must be reduced to writing and furnished to the receiving party within thirty (30) days of the initial disclosure.

M/s ----- and ITI Ltd hereby agreed at during the Confidentiality Period:

ITI Ltd. RFP. No. _____

The receiving party shall use Information only for the Purpose, shall hold Information in confidence using the same degree of care as it normally exercises to protect its own proprietary information, but not less than reasonable care, taking into account the nature of the Information, and shall grant access to Information only to its employees who have a need to know, but only to the extent necessary to carry out the business purpose of this project as defined in exhibit A, shall cause its employees to comply with the provisions of this Agreement applicable to the receiving party, shall reproduce Information only to the extent essential to fulfilling the purpose, and shall prevent disclosure of information to third parties.

Upon the disclosing party’s request, the receiving party shall either return to the disclosing party all Information or shall certify to the disclosing party that all media containing Information have been destroyed. Provided, however. That an archival copy of the Information may be retained in the files of the receiving party’s counsel, solely for the purpose of proving the contents of the Information.

The foregoing restrictions on each party’s use or disclosure of Information shall not apply to Information that the receiving party can demonstrate was independently developed by or for the receiving party without reference to the Information, or was received without restrictions; or has become generally available to the public without breach of confidentiality obligations of the receiving party; or was in the receiving party’s possession without restriction or was known by the receiving party without restriction at the time of disclosure; or

is the subject of a subpoena or other legal or administrative demand for disclosure; provided, however that the receiving party has given the disclosing party prompt notice of such demand for disclosure and the receiving party reasonably cooperates with the disclosing party's efforts to secure and appropriate protective order; or is disclosed with the prior consent of the disclosing party; or

was in its possession or known to it by being in its use or being recorded in its files or computers or other recording media prior to receipt from the disclosing party and was not previously acquired by the receiving party from the disclosing party under an obligation of confidence; or the receiving party obtains or has available from a source other than the disclosing party without breach by the receiving party or such source of any obligation of confidentiality or non-use towards the disclosing party.

Each party agrees not to remove any of the other party's Confidential Information from the premises of the disclosing party without the disclosing party's prior written approval. Each party agrees to exercise extreme care in ITI Ltd. RFP. No. _____ protecting the confidentiality of any confidential information, which is removed, only with the disclosing party's prior written approval, from the disclosing party's premises. Each party agrees to comply with any and all terms and conditions the disclosing party's may impose upon any such approved removal, such as conditions that the removed confidential information and all copies must be returned by a certain date, and that no copies are to be made off of the premises.

Upon the disclosing party's request, the receiving party will promptly return to the disclosing party all tangible items containing or consisting of the disclosing party's confidential information all copies thereof.

Each party recognizes and agrees that all of the disclosing party's confidential information is owned solely by the disclosing party (or its licensors) and that the unauthorized disclosure or use of such confidential information would cause irreparable harm and significant injury, the degree of which may be difficult to ascertain. Accordingly, each party agrees that the disclosing party will have the right to obtain an immediate injunction enjoining any breach of this agreement, as well as the right to pursue any and all other rights and remedies available at law or in equity for such a breach.

Access to information hereunder shall not preclude an individual who has seen such information for the purpose of this agreement from working on future projects for the receiving party which relate to similar subject matters provided that such individual does not make reference to the information and does not copy the substance of the information during the confidentiality period. Furthermore, nothing contained herein shall be construed as imposing any restriction on the receiving party's disclosure or use of any general learning, skills or know how developed by the receiving party's personnel under this agreement, if such disclosure and use would be regarded by a person of ordinary skill in the relevant area as not constituting a disclosure or use of the information.

As between the parties, all information shall remain the property of the disclosing party. By disclosing information or executing this agreement, the disclosing party does not grant any license, explicitly or implicitly, under any trademark, patent, copyright, mask work protection rights, trade secret or any other intellectual property right. THE DISCLOSING PARTY DISCLAIMS ALL WARRANTIES REGARDING THE INFORMATION, INCLUDING ALL WARRANTIES WITH RESPECT TO INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS AND ALL WARRANTIES AS TO THE ACCURACY OR UTILITY OF SUCH INFORMATION.

Execution of this agreement and the disclosure of information pursuant to this agreement does not constitute or imply any commitment, promise, or inducement by either party to make any purchase, or sale or to enter into any additional agreement of any kind.

Either party's failure to enforce any provision, right or remedy under this agreement shall not constitute a waiver of such provision, right or remedy.

This Agreement will be construed in, interpreted and applied in accordance with the laws of India.

M/s ITI Ltd. has sole rights for the feasibility report submitted by M/s. -----for its use with another successful bidder for next Phase (if any). If there is any conflict between earlier clauses and this clause, then this clause shall prevail.

That in case of any dispute or differences, breach & violation relating to the terms of the agreement. The said matter or dispute, difference shall be referred to sole arbitration of Chairman ITI Ltd or any other person appointed by him. That the award of the arbitrator shall be final and binding on both parties. In the vent of such arbitrator to whom the matter is originally referred to is being transferred or vacates his office on resignation or otherwise or refuses to do work or neglecting his work or being unable to act as Arbitrator for any reasons whatsoever, the Chairman ITI Ltd shall appoint another person to act as Arbitrator in place of outgoing Arbitrator and the person so appointed shall be entitled to proceed further with the reference from the stage at which it was left by his predecessor. The M/s ----- will have No Objection in any such appointment, that arbitrator so appointed is employee of ITI Ltd. The said Arbitrator shall act under the Provisions of the Arbitrator and Conciliation Act, 1996 or any statutory modifications or re-enactment there of any rules made thereof.

This Agreement and Exhibit A attached hereto constitutes the entire agreement of the parties with respect to the parties' respective obligations in connection with Information disclosed hereunder and supersedes all prior oral and written agreements and discussions with respect thereto. The parties can amend or modify this agreement only by a writing duly executed by their respective authorized representatives. Neither party shall assign this Agreement without first securing the other Party's written consent.

This Agreement will remain in effect for one year from the date of the last disclosure of Confidential Information., at which time it will terminate, unless extended by the disclosing party in writing.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement by Their duly authorized officers or representatives.

(M/s-----)
Signature
Name
Designation
ITI Ltd RFP No.
Exhibit A

(M/s ITI Ltd.)
Signature:
Name:
Designation:

Business Purpose:

Confidential Information of M/s. ITI Ltd. w.r.t RFP No. _____

All sites and their related information.

All information shared in oral or in written form by ITI Ltd. with M/s -----

Information downloaded or taken in physical form shall be returned/destroyed after use not copied.

ITI Ltd:
Sign & Stamp

M/s -----(Bidder)
Sign & Stamp

DECLARATION THAT THE BIDDER HAS NOT BEEN BLACKLISTED/DEBARRED

Letter No. _____

Dated: _____

Subject: - Declaration Letter for Non-Blacklisting of the Bidder.

Sir/Madam,

This is to notify you that our Company/ Partnership <Name>intends to submit a proposal in response to the tender Ref. No.:, we also declare that our Company/ Partnership **is not black-listed/ debarred by any PSU or State/UT or Central Government in India as on <the date of the submission of bid>.**

Sincerely,

(Signature of authorized person) Name:

Designation:

Note: If the Company/ Partnership has been blacklisted/debarred by any PSU or State/UT or Central Government in India in past and now the order has been revoked or period finished, then bidder should furnish details of such cases.

DECLARATION OF BIDDERS

FROM,

TO

1. I/We..... have read the conditions of the tender and tender documents attached here to and agree to abide by such conditions. I/We offer to do..... at the rates quoted in the attached schedule to complete the works on or before the dates mentioned in the schedule for completion of works.
2. I/We further agree to sign an agreement, bind to abide by the general conditions of the contract, and to carry out all works according to the specifications laid down in the tender papers. I/We hereby pay the earnest money ofby demand draft/banker’s cheque. I/We bind myself/ ourselves to deposit the security deposit [Performance security] as prescribed within 15 days after receiving the notice that the contract has been awarded to me/us failing which I/We have no objection to the forfeiture of the earnest money in full; otherwise said earnest money shall be retained by the said company towards security deposit as specified in the conditions. I/We further bind myself /ourselves to execute the Tender document and to commence the work with 15 days after issue of the Purchase order in writing as aforesaid failing I/We agree to the company forfeiting the earnest money and security deposit deposited with them. The accepting authority shall also be at liberty to cancel the acceptance of the tender if I/We fails to deposit the security amount as specified or to execute an agreement or to start work as stipulated in the tender documents.
3. I/We hereby enclose a declaration of my/our experience of execution of works of similar nature and magnitude carried out by me/us in the prescribed Performa, and also the income tax and sales tax clearance certificates.
4. The offer shall remain open for acceptance by the Accepting Authority for a **period of 6 months** from the date of opening of the tender. **[180 days]**

Date:

Signature of bidder
with the seal of the firm

witness.....

(Name in block letters)

Power of attorney in case the tender is signed by the authorized nominee must be enclosed.

Address:

Occupation:

POWER OF ATTORNEY

Know by all men by these presents, We (Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorize Mr. / Ms (name and residential address of Power of attorney holder) who is presently employed with us and holding the position of..... as our Attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connect ion with or incidental to our Proposal for “Request for Proposals for ”Bid Number: <..... > including signing and submission of all documents and providing information / responses to the Department, representing us in all matters before Department, and generally dealing with the Department in all matters in connection with our Proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

For,
Name:
Designation:
Date & Time:
Seal:
Business Address:
Accepted,

(Authorized Signatory)
(Name, Title and Address of the Attorney)

Note: The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

- The Power of Attorney shall be provided on Rs.100/- stamp paper.
- The Power of Attorney should be supported by a duly authorized resolution of the Board of Directors of the company Bidder authorizing the person who is issuing this power of attorney on behalf of the Bidder.

EMD BANK GUARANTEE PROFORMA

1. As agreed under the relevant terms and conditions of Enquiry Ref _____ dt _____ (hereinafter called the said Enquiry) between M/s. ITI Ltd., NS Unit, Dooravani Nagar, Begaluru-560016, India. (Hereinafter called the Purchaser) and M/s. _____ (hereinafter called the Bidder) for supply of _____, the Bidder hereby agrees to furnish EMD against supply performance by way of an irrevocable Bank Guarantee for Rs. _____ (Rupees. _____). We _____ (indicate the name of Bank) (hereinafter referred to as 'THE BANK' at the request of the Bidder do hereby undertake to pay to the Purchaser, an amount not exceeding Rs. _____ (Rupees. _____) against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser, by reasons or breach by the said Bidder of any of the terms or conditions contained in the said Enquiry.
2. We _____ (indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser, by reason of breach by the said Bidder of any of the terms and conditions contained in the said Enquiry or by reason of the Bidder's failure to perform the said Enquiry. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees. _____).
3. The Bank further agrees that the Purchaser shall be the sole judge as to whether the said Bidder has committed any breach or breaches of any of the terms and conditions of the contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser on account thereof, and the decision of the Purchaser that the said Bidder has committed such breach or breaches and as to the amount or amounts of loss, damage costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser from time to time shall be conclusive, final and binding on the Bank.
4. We undertake to pay to the Purchaser, any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceedings pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.
5. It shall not be necessary for the Purchaser to proceed against the Bidder before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Purchaser may have obtained or obtains from the Bidder.
6. We _____ (indicate the name of Bank) further agree with the Purchaser, that the Purchaser shall have the fullest liberty without our consent and without effecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Enquiry or to extend time of performance by the said Bidder from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Bidder and to forbear or enforce any of the terms and conditions relating to the said Enquiry and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to said Bidder or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser, to the said Bidder or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Bidder.
8. We _____ (indicate the name of Bank) undertake not to revoke this Guarantee during its currency except with the previous written consent of the Purchaser, in writing.
9. Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to Rs. _____ (Rupees. _____) and our guarantee shall remain in force until _____ (Date of expiry of Bid validity). Unless a demand is made against us to enforce a claim under this guarantee within three months from the date of expiry of Bid validity, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

PLACE:

DATE :

For _____ (indicate the name of Bank)

UNDERTAKING REGARDING LITIGATION/ ARBITRATION

To,
M/s ITI Limited NSU,
Bangalore-560016

We hereby confirm and declare that

a. We, M/s -----, does not have any litigation / Arbitration History with any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last ----- years.

b. There is no litigation pending or, to the best of such Party's knowledge, threatened to which it or any of its Associates is a party that presently affects or which would have a material adverse effect on the financial condition or prospects or business of such Party in the fulfilment of its obligations under this Agreement.

For -----

Authorised Signatory

Date:

Place

BANK GUARANTEE PROFORMA

1. As agreed under the relevant terms and conditions of Purchase Order Ref dt (hereinafter called the said Purchase Order) between M/s. ITI Ltd., NS Unit, Dooravaninagar, Bangalore-560 016, India. (Hereinafter called the purchaser) and M/s. (Hereinafter called the supplier) for supply of the supplier hereby agrees to furnish a security Deposit against supply performance by way of an irrevocable Bank Guarantee for Rs..... (Rupees.....) We (indicate the name of Bank) (hereinafter referred to as 'THE BANK' at the request of the supplier do hereby undertake to pay to the purchaser, an amount not exceeding Rs. (Rupees.) against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser, by reasons or breach by the said supplier of any of the terms or conditions contained in the said Purchase Order.
2. We (indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser, by reason of breach by the said supplier of any of the terms and conditions contained in the said Purchase Order or by reason of the supplier's failure to perform the said Purchase Order. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....)
3. The Bank further agrees that the Purchaser shall be the sole judge as to whether the said Supplier has committed any breach or breaches of any of the terms and conditions of the contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser on account thereof, and the decision of the Purchaser that the said Supplier has committed such breach or breaches and as to the amount or amounts of loss, damage costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser from time to time shall be conclusive, final and binding on the Bank.
4. We undertake to pay to the Purchaser, any money so demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceedings pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.
5. It shall not be necessary for the Purchaser to proceed against the Supplier before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Purchaser may have obtained or obtains from the Supplier.
6. We (indicate the name of Bank) further agree with the Purchaser, that the Purchaser shall have the fullest liberty without our consent and without effecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Purchase Order or to extend time of performance by the said Supplier from time to time or to postpone for any time of from to time any of the powers exercisable by the Purchaser against the said Supplier and to forbear or enforce any of the terms and conditions relating to the said Purchase Order and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to said Supplier or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser, to the said Supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier.

8. We (indicate the name of Bank) undertake not to revoke this Guarantee during its currency except with the previous written consent of the Purchaser, in writing.
9. Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to Rs.....(Rupees.....) and our guarantee shall remain in force until (Date of expiry of warranty period + 60 Days). Unless a demand is made against us to enforce a claim under this guarantee within twelve months from the date of expiry of warranty period, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

DATE:

For (indicate the name of Bank)

PLACE:

MANUFACTURER AUTHORIZATION CERTIFICATE FROM OEM

Details of Manufacturer Authorization Form (MAF)

The Bidder should submit valid letter (MAF) with undertaking from the OEM of the vendors whose product is being quoted by the bidder, as per format given below:

To

.....,

.....,

.....

Subject: Manufacturer Authorizations Letter for NIT No.

.....

Sir,

We, <OEM Name> having our registered office at <OEM address>, hereinafter referred to as OEM are an established manufacturer of the following items quoted by <Bidder Name> having their registered office at <Bidder address>, hereinafter referred to as Bidder.

We <OEM Name> authorize <Bidder's name> to quote our product for above mentioned tender as our Authorized Indian Agent.

We confirm that we have understood the delivery & installation timelines defined in the tender. We confirm that we have worked out all necessary logistics and pricing agreement with <bidder name>, and there won't be any delay in delivery, installation and support due to any delay from our side. Our full support as per pre-purchased support contract is extended in all respects for supply, warranty and maintenance of our products. We also ensure to provide the required spares and service support as pre-purchased for the supplied equipment for a period of 10 years (includes 3 years implementation) from date of supply of the equipment as per tender terms. In case of any difficulties in logging complaint at bidder end, user shall have option to log complaint at our call support centre.

We also undertake that in case of default in execution of this Contract by bidder, we shall provide necessary support in identifying another authorized partner with similar certifications/capabilities and extend support to the new partner in accordance with OEM's agreement with the new partner. In case bidder is unable to fulfil the obligations given under this Contract, OEM shall be responsible to replace the bidder with an alternate Indian Authorized agent to facilitate to get the requisite work done.

In case of bidder exit from the Project for any reason, including but not limited to default, insolvency, termination of Agreement, or other circumstances resulting in the inability of bidder to fulfill its obligations under the Agreement, OEM shall be obligated to continue providing the services to Authority in accordance with the terms and conditions outlined in the agreement between OEM and bidder including commercials. OEM shall also ensure that the alternate Indian Authorized Agent in this case shall abide by all the terms & conditions laid down under the Contract and during the Award of Work to the bidder for the quoted OEM products.

We also agree that in case of any default by us in meeting out the obligations as mentioned above, BSNL/ITI may debar the bidder.

If any product is declared end of sale, we shall proactively ensure that a suitable equivalent or higher roll over product is offered through the existing bidder to ITI for due approval, contract and order executions thereafter.

We understand that any false information/ commitment provided here may result in <OEM's Name> getting blacklisted/debarred from doing business with BSNL/ITI.

We <OEM Name>, hereby provide this undertaking with regard to the submission of the Agreement executed between <Name of bidder> and <OEM Company Name> during the submission of our Bid for <Project Name>

Thanking You

For <OEM/ Manufacturer name>

< (Authorized Signatory)>

Name:

Designation:

Contact Details:

Seal of the Company

Note:

1. The letter should be submitted on the letter head of the manufacturer / OEM and should be signed by the authorized signatory.
2. Any deviation would lead to summarily rejection of bids.

COMPLIANCE TO NO VARIANCE/ DEVIATION IN BID

NAME OF WORK:

TENDER REF NO:

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever of the Bidding Documents and Amendment(s)/ Addendum(s) to the Bidding Documents, if any, for subject work/tender issued by ITI Limited. We hereby further confirm that any terms and conditions if mentioned in our bid (Un-priced as well as Priced Part) shall not be recognized and shall be treated as null and void.

Place :

Date :

Bidder's Company Seal :

Authorized Signatory's Signature :

Authorized Signatory's Name and Designation:

**FORMAT FOR ESSENTIAL INFORMATION FOR APPLYING TO NSCS
(TRUSTED TELECOM PORTAL) If applicable**

1	Project Name	:			
2	Type of Project	:	1. New Roll Out 2. Expansion 3. Upgrade		
3	Are your procurements from India registered vendor only for this project?	:	<input type="radio"/> Yes <input type="radio"/> No		
4	Do you intend to procure from non-India registered vendor for this project?	:	<input type="radio"/> Yes <input type="radio"/> No		
5	Remarks on the Project Criticality, if any,				
6	Details of Equipment:				
	Asset (one to be selected)	Equipment Name	Company Name/Vendor	Product Name	Model Name
	a) Support System b) Transport		Name of Contact person: E-mail ID: Mobile No.		

Signature of the bidder with Seal

UN-PRICED BID

UN PRICE BID								
Name of Bidder								
Sl. No.	ITEM Description	Qty	Unit	HSN Code for the Item	Basic Unit cost including warranty support	Total Basic cost including warranty support (C*F)	GST Amount @ 18%	Total Value In INR (G+H)
A	B	C	D	E	F	G	H	I
Section A:								
GIS Survey and Mapping								
1	Desktop Study and Planning: Carrying out block wise desktop study, network planning and creation of ring network, using BSNL approved template and guideline as per Specification/Scope of work of the tender and instructions of Engineer-in-Charge, liaising and approval from BSNL. Existing GIS data of BSNL/other OFC company(if required), to be provided by PIA/BSNL for planning.	15,000	Km.					
2	Detailed Route Survey,BOQ and Estimates Preparation: Carrying out block wise detailed route survey for a width of 25m on either side along with proposed final routes (total 50 meter) for POI data collection, as per specifications and tender document, submit photograph, Videography, drawings, alignment sheet and reports including tentative BOQ, Estimates and Permission Authority Details, liaising and approval from BSNL. . Including of existing Infrastructure to identify feasibility of upgradation work and proposed network survey Accuracy of coordinates of the DGPS instrument must be within 20 Cm.	15,000	Km.					
3	Support Services during Laying: (I) Carrying out survey to capture coordinates of all ongoing installations, patch wise videography, photographs (as per specification/scope of work of the tender), depth data collection during laying and installations. (II) As build drawing creation and submission. (iii) Liaising and approval from BSNL Accuracy of coordinates of the DGPS instrument must be within 20 Cm.	15,000	Km.					
4	Providing of Customized Web Portal to populate final GIS data on map (Desktop Plan, Route Survey Data, Actual Laid Network) with integrated survey app for videography, photo, as-built drawing creation and field GIS data collection including with 1 year application maintenance (Quantity Executed by the GIS Service Provider Only) Software cost with implementation and integration as per BSNL RFP along with warranty support.	1	SET					
5	Development and Implementation of Inventory Management System including warranty support.	1	SET					
Total Value (Incl. GST)								0.00
Optional Items								
Section B:optional IT/ITES Services								
6	Providing of GIS data repository system (e.g. Server,Container, GIT solution, version control tool and any other) Including configuration of repository system (Quantity Executed by the GIS Service Provider Only) Server Hardware cost with warranty support. Bidder to provide server sizing and hardware requirements	1	SET					
7	Providing of customized PM (Project Management) Tool for Progress tracking of construction activity, dashboard, milestone & SLA tracker, Digitized BOQ management, e-MB implementation, invoice processing, document management and other module(as per specification/scope of work of the tender) integrated with field data capture mobile app including warranty support.	1	SET					
Note:								
1	(Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieight/Insurance Charges (if any))							
2	The bidder has to quote for all the Items (Section A and Section B)							
3	L1 will be evaluated based on the Total price quoted for Section A: GIS Survey and Mapping only.							
4	RKM mentioned is tentative and can be increased as per the project requirement. % Increase in quantity can be upto 100%. Bidder shall quote the prices accordingly.							

Signature of the bidder with Seal



हिंदी केवल एक भाषा नहीं बल्कि हमारी राष्ट्रीय पहचान है।

आईटीआई लिमिटेड

नेटवर्क सिस्टम्स यूनिट - वित्त
दूरवाणीनगर, बंगलूरु - 560 016, भारत
फोन : +91 (80) 2566 0503
: +91 (80) 2565 1714
ई-मेल : cfm_nsu@itilttd.co.in
वेबसाइट : www.itilttd.in
CIN No. : L32202KA1950GOI000640

ITI LIMITED

Network Systems Unit - Finance
Dooravaninagar
Bengaluru-560 016, India.
Tel : +91 (80) 2566 0503
: +91 (80) 2565 1714
E-mail : cfm_nsu@itilttd.co.in
Website : www.itilttd.in
GSTIN No. : 29AAACI4625C2ZU



RTGS/NEFT/ECS Mandate Form

1	Name of the Beneficiary	M/s ITI Limited - Network Systems Unit
2	Beneficiary Address	Regd. & Corporate Office, ITI Bhavan, Dooravaninagar, Bangalore 560016
3	Bank Account No.	10637729843
4	IFSC Code	SBIN0009077
5	a) Bank Name	State Bank of India
	b) Branch Name	Industrial Finance Branch
	c) Branch Address	Residency Road, Bangalore - 560025
6	Type of Account	CC Account
7	PAN No.	AAACI4625C
8	Bank MICR Code	560002059

I do hereby declare that the particulars given above are correct and complete.
If the transaction is delayed or not effected at all for reasons of incomplete or
incorrect information, the purchaser will not be responsible.

Date: 12/06/2024

Kanchana

Authorised Signatories
KANCHANA
Dy. Finance Manager
Network Systems Unit,
ITI Limited, Dooravaninagar,
Bangalore - 560016

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

For STATE BANK OF INDIA
Kamli
Manager
I.F.B., BENGALURU - 560 025

Date:

Signature of Bank Manager
With Bank Seal

पंजीकृत एवं निगमित कार्यालय : आईटीआई भवन, दूरवाणीनगर, बंगलूरु - 560016, भारत फोन : +91 (080) 2561 4466, फॅक्स : +91 (080) 2561 7525
Registered & Corporate Office : ITI Bhavan, Dooravaninagar, Bengaluru - 560016, India Phone: +91(080) 2561 4466, Fax: +91(080) 2561 7525
TIN : 29980058837 GSTIN : 29AAACI4625C2ZU CIN : L32202KA1950GOI000640 Visit our Website : www.itilttd.in

ADDITIONAL INSTRUCTIONS FOR BIDDERS

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the e-Wizard Portal. For more information, bidders may visit the Portal (<https://itilimited.ewizard.in>)

1. REGISTRATION PROCESS ON ONLINE PORTAL

- a) Bidders to enroll on the e-Procurement module of the portal <https://itilimited.ewizard.in> by clicking on the link "Bidder Enrolment".
- b) The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. This would be used for any communication from the e-Wizard Portal.
- c) Bidders to register upon enrolment, with their valid Digital Signature Certificate (Class III Certificates with signing and Encryption key) issued by any Certifying Authority recognized by CCA India with their profile.
- d) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- e) Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
- f) After registration send mail to Helpdesk: helpdeskeuniwizarde@gmail.com for Account activation.
- g) As per portal norms Registration Fee will be applicable.

2. TENDER DOCUMENTS SEARCH

- a) Various built-in options are available in the e-Wizard Portal like Department name, Tender category, estimated value, Date, other keywords, etc. to search for a tender published on the Online Portal.
- b) Once the bidders have selected the tenders they are interested in; they may download the required documents/tender schedules. These tenders can be moved to the respective 'Interested tenders' folder.
- c) The bidder should make a note of the unique Tender No assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. BID PREPARATION

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c) Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLSX/PNG, etc. formats.

4. BID SUBMISSION

- a) Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in

time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

b) The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.

c) Bidders to note that they should necessarily submit their financial bids in the prescribed format given by department and no other format is acceptable.

d) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, the opening of bids, etc. The bidders should follow this time during bid submission.

e) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.

f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

g) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

h) The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.

i) As per portal norms Tender Processing Fee will be applicable.

5. AMENDMENT OF BID DOCUMENT

At any time prior to the deadline for submission of proposals, the department reserve the right to add/modify/delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

6. ASSISTANCE TO BIDDERS

a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

b) Any queries relating to the process of online bid submission or queries relating to e- Wizard Portal, in general, may be directed to the 24x7 e-Wizard Helpdesk.

c) The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bid(s).

d) The bid should be submitted through e-Wizard portal (<https://itilimited.ewizard.in>) only.

e) All payments should be done through e-Wizard Payment gateway.

SERVER SPECIFICATIONS (Optional item)
(To be provided by the bidder)

Sl. No.	Description	Server specification
1.	CPU	
2.	Motherboard	
3.	Memory	
4.	Memory protection	
5.	Bays	
6.	Hard Disk drive	
7.	Controller	
8.	Networking features	
9.	Ports	
10.	Bus slots	
11.	Optical drive	
12.	Power Supply	
13.	Fans	
14.	SAS Card	
15.	OS	
16.	Any Other (Please specify)	
17.		

Preferred Chassis: 1U Rack mountable

Preferred Make of Server: HP/DELL/IBM/CISCO/Fujitsu

Warranty support: Bidder shall provide warranty support of supplied hardware and software (GIS tools/INV tools) throughout the complete project implementation phase.

(Signature of authorized person)

Name:

Designation:

PRICE BID								
TENDER ENQUIRY No.: NSU 5F 42H Dtd. 01.07.2025								
Name of Bidder								
Sl. No.	ITEM Description	Qty	Unit	HSN Code for the Item	Basic Unit cost including warranty support	Total Basic cost including warranty Support (C*F)	GST Amount @ 18%	Total Value in INR (G+H)
A	B	C	D	E	F	G	H	I
	Section A: GIS Survey and Mapping							
1	Desktop Study and Planning: Carrying out block wise desktop study, network planning and creation of ring network, using BSNL approved template and guideline as per Specification/Scope of work of the tender and instructions of Engineer-in-Charge, liaising and approval from BSNL. Existing GIS data of BSNL/other OFC company(if required), to be provided by PIA/BSNL for planning.	15,000	Km.					
2	Detailed Route Survey,BOQ and Estimates Preparation: Carrying out block wise detailed route survey for a width of 25m on either side along with proposed final routes (total 50 meter) for POI data collection, as per specifications and tender document, submit photograph, Videography, drawings, alignment sheet and reports including tentative BOQ, Estimates and Permission Authority Details, liaising and approval from BSNL. . Including of existing infrastructure to identify feasibility of upgradation work and proposed network survey Accuracy of coordinates of the DGPS instrument must be within 20 Cm.	15,000	Km.					
3	Support Services during Laying: (i) Carrying out survey to capture coordinates of all ongoing installations, patch wise videography, photographs (as per specification/scope of work of the tender), depth data collection during laying and installations. (ii) As build drawing creation and submission. (iii) Liaising and approval from BSNL Accuracy of coordinates of the DGPS instrument must be within 20 Cm.	15,000	Km.					

Sanjay
01/07/25

4	Providing of Customized Web Portal to populate final GIS data on map (Desktop Plan, Route Survey Data, Actual Laid Network) with integrated survey app for videography, photo, as-built drawing creation and field GIS data collection including with 1 year application maintenance (Quantity Executed by the GIS Service Provider Only) Software cost with implementataion and integration as per BSNL RFP along with warranty support.	1	SET					
5	Development and Implementation of Inventory Management System including warranty support.	1	SET					
Total Value (Incl. GST)								0.00
Optional Items								
Section B:optional IT/ITES Services								
6	Providing of GIS data repository system (e.g. Server,Container, GIT solution, version control tool and any other) Including configuration of repository system (Quantity Executed by the GIS Service Provider Only) Server Hardware cost with warranty support. Bidder to provide server sizing and hardware requirements	1	SET					
7	Providing of customized PM (Project Management) Tool for Progress tracking of construction activity, dashboard, milestone & SLA tracker, Digitized BOQ management, e-MB implementation, invoice processing, document management and other module(as per specification/scope of work of the tender) integrated with field data capture mobile app including warranty support.	1	SET					

Note:

- 1 (Relevant Columns to be filed with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))
- 2 The bidder has to quote for all the items (Section A and Section B)
- 3 L1 will be evaluated based on the Total price quoted for Section A: GIS Survey and Mapping only.
- 4 RKM mentioned is tentative and can be increased as per the project requirement. % increase in quantity can be upto 100%. Bidder shall quote the prices accordingly.

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01/07/25