

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
ISRO TELEMETRY TRACKING & COMMAND NETWORK (ISTRAC)
BANGALORE**

Tender for IRNSS DOMESTIC COMMUNICATION NETWORK

Bids to be submitted online

Tender No.: ISTRAC/ISTRAC PURCHASE/TR202500022601 dated 27-03-2026

A. Tender Details

Tender No : **ISTRAC/ISTRAC PURCHASE/TR202500022601**

Tender Date : **27-03-2026**

Tender Classification: **SERVICES**

Purchase Entity : **ISTRAC PURCHASE**

Centre : **ISRO TELEMETRY TRACKING & COMMAND NETWORK (ISTRAC)**

IRNSS DOMESTIC COMMUNICATION NETWORK

- A) Type of tender:- Public Tender (Two part)
- B) GeM Non-availability report ID number GEM/GARPTS/18032026/1LX3RCSEJH14
- C) Evaluation criteria:- L1 is calculated by considering OTC, ARC and 2X BOD price of all the nodes of a network. Selection criteria for two networks. (A) Commercially L1 will be considered for first network (who so ever is less). (B) Commercially selected L1 vendor under Sl.no A will not be considered for selection of the second network. (C) Commercial L1 of the second network will be considered for placement. In the event of bids resulting in single vendor only, then order shall be placed only for one network.
- D) Only Class I/ Class II Local supplier shall be eligible to bid against this tender as defined in Make in India order.
- E) Any clarification with respect to this tender shall be raised against clarification window in the new EGPS. No mail enquiries shall be entertained.
- F) The rate of GST will be as applicable per the HSN code.

A.1 Tender Schedule

Bid Submission Start Date : **27-03-2026 12:00**

Bid Clarification Due Date : **17-04-2026 17:00**

Bid Submission Due Date : 27-04-2026 14:00

Bid Opening Date : 27-04-2026 14:30

Price Bid Opening Date : 05-05-2026 11:16

B. Tender Attachments

Technical Write-up/Drawings

Document : annexure

Instructions To Vendors

1. TENDER TERMS AND CONDITIONS

1. All information in Vendor Specified Terms shall be provided without fail to avoid unnecessary correspondence / delay in process. The same should reach before technical bid opening date and time without fail.

2. a) Order no: F.No.6/18/2019 PPD dated 23.07.2020 of Department of Expenditure), Ministry of Finance

Under Public procurement division for the General Financial rule (GFRs).

3. As per Rule 144(xi) of General Financial Rules, 2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority (i.e., Department for Promotion of Industry and Internal Trade) in line with Order (Public Procurement No. 1, 2 and 3) dated 23/07/2020 and 24/07/2020 or any amendments thereon issued by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Hence, Vendors or Agents of a Vendor (Indian or Others) from a country sharing border with India shall submit the copy of Valid Registration made with DPIIT along with the tender mandatorily, without which the offer will be treated as invalid.

4. A supplier who has been debarred by any procuring entity for violation of this order shall not be eligible

for preference under this order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed.

5. b) Class I local supplier means a supplier or service provider, whose goods, service or works offered for

procurement, has local content equal to or more than 50%, as defined under order.

6. c) Class II local supplier means a supplier or service provider, whose goods, services or works offered

for procurement, has local content more than 20% but less than 50%, as defined under this Order.

7. d) Bidders offering imported products will fall under the category of Non-local suppliers. They cannot claim themselves as Class I Local suppliers/Class II Local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

8. Delivery Terms: FOR ISTRAC

9. e) Verification of local content:

i) The Class I local supplier/ Class II local supplier at the time to tender, bidding or solicitation shall be required to indicate percentage of local content and provide self certification that the item offered meets the local content requirement for Class I local supplier / Class II local supplier as the case may be. They shall also give details of the location(s) at which the local value addition is made.

10. GENERAL TERMS & CONDITIONS FOR BIDDERS: For this procurement, bids from Class I & class II Local Suppliers are admissible. hence provisions contained in Public Procurement (Preference to Make in India), Order 2017 issued by Department for Promotion of Industry and Internal Trade (DIPP), Ministry of Commerce & Industries vide letter No. P 45021/2/2017 PP(BE II) dated 04.06.2020 and subsequent amendment & directives shall be followed. Accordingly, offer will be evaluated & processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments:

11. If an agent submit bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in this tender for the same item. If submitted, all offers will be liable for rejection.

12. iii) False declarations will be in breach of the code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (GFR) for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general Financial Rules along with such other actions as may be permissible under Law.

13. ii) In case bid value is in excess of Rs. 10 Cr., Class I local supplier/ Class II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

14. In case the bidders propose any other payment terms in deviation with the standard terms mentioned in the tender enquiry, it may be noted that applicable cash flow implications will be loaded

on the prices quoted for commercial comparison of the offers. If advance payments are insisted by the bidders, interest at the rate of MCLR (Marginal Cost Linked Rate) as notified by State Bank of India from time to time shall be loaded on the prices for price comparison.

15. In this tender either the Indian agent on behalf of the principal/OEM or the principal /OEM itself can bid, but both cannot bid simultaneously for the same item. Indian agents while quoting on behalf of their principals shall provide necessary latest authorisation letter obtained from their principals/manufacturers.

16. Liquidated damages: If the vendor fails to deliver the items on or before the delivery date, or any extension thereafter purchaser shall recover from the vendor as liquidated damages a sum of 0.5% of the contract price of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed 10% of the contract price of the unit or units so delayed.

17. Model Certificate for Tenders:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

18. Model Certificates for Tenders for Work involving possibility of sub contacting:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub contracting to contracting from such countries I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub contract any work to a contract form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

Provide Compliance for the above in Vendor Specified Commercial Terms.

19. NO EMD AND TENDER FEE.

20. Performance Bank Guarantee (PBG) to be furnished as a security for fulfilment of warranty obligations by the successful vendor after satisfactory execution of purchase order/Contract (3% of the value of the purchase order/Contract). Central SUs/PSE/Autonomous bodies are exempted from the production of Performance Bank Guarantee. Instead; an indemnity bond shall be furnished in lieu of PBG.

21. Product Scope: Class I local supplier/ Class II local supplier shall offer only standard and catalogued product for Equipment / Spares Cards / assemblies. If the above offered Equipment / Cards / Assemblies are under development / to be developed the bid will not be considered.

22. PUBLICITY: No publicity of any kind whatsoever in case of PURCHASE ORDER shall be given by the Supplier without prior permission of the Purchaser.
23. SECRECY: The technical information, drawings, specifications and other related documents, forming part of the CONTRACT, are the property of the Purchaser and shall not be used for any other purpose, except for execution of the CONTRACT. All rights, including rights in the event of grant of patent and registration of designs are reserved. The technical information, drawings, specifications, records and other documents shall not be copied, transcribed, traced or reproduced in any other form or otherwise in whole and/or duplicated, modified, divulged and/or disclosed to a third party nor misused in any other form whatsoever without Purchasers consent in writing except to the extent required for the execution of this CONTRACT. These technical informations, drawings, specifications and other related documents shall be returned to the Purchaser with approved copies and duplicates, if any, immediately after they have been used for the agreed purpose.
24. Senior Purchase and Stores Officer, ISTRAC, reserves the right to accept or reject any/or all the tenders in part or full without assigning any reasons thereof.
25. Submit the bid on or before due date.
26. Successful vendor has to submit the security deposit. (3 % of the value of the purchase order). Central PSUs/PSE/Autonomous bodies shall be exempted from the payment of security deposit, and instead, an indemnity bond shall be secured from them.
27. VENDORS HAS TO REFLECT THE POINT NO (4), (5) AND (6) IN THEIR BID.
28. TAXES: GST is payable as per applicable rates.
29. Foreign OEMs/Agents quoting on behalf of Foreign OEMs are not permitted to quote. High Sea Sales quotes not permitted. The bids shall be in INR only.
30. Option Clause:- ISTRAC reserves the right to increase/decrease the ordered quantity by upto (25) Twenty Five percent at any time, till final delivery date (of the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

2. INSTRUCTIONS TO TENDERERS FOR ONLINE SUBMISSION OF TENDERS THROUGH E-PROCUREMENT SYSTEM

1. a) Bidders shall arrange themselves all resources, including Digital signature certificates and Internet Connections at their own cost, for participating in online tendering.

- b) Vendors can download the tender details and submit their offers online using their vendor accounts (obtained during registration) in our portal. Help demos for tender download and bidding processes are given on home page.
- c) The tender should be submitted online in the ISTRAC link before the due date and time as specified in the tender schedule in the portal.
- d) Vendors shall also take note of other Instructions to tenderers indicated in the tender documents.

2. Conditions for online submission of tenders:

- a) It is mandatory for interested parties to register as vendors in our e-procurement portal <https://eproc.vssc.gov.in/home.html> for participating in online eProcurement process of ISRO. Only registered vendors can submit their offers online in our eProcurement portal.
- b) Vendors who are already registered in the existing EGPS software of ISRO, please register by clicking the link in the email you would have already received from 'eproc@vssc.gov.in'. After registration, do the profile update by login to this portal.
- c) For new vendors, who are not registered in the existing EGPS software, vendor registration will be released along with the portal release. To register as vendors please refer to the help demos listed on the home page of the e-procurement link mentioned above. They may approach help desk (contact details provided on the home page) for any technical help for registration and subsequent process.
- d) OEM details should be added in your E-Procurement profile under Add Agent/Principal without fail.

3. ISTRAC shall not be responsible for failure of vendors in submitting bids online caused due to technical reasons at vendor end such as network or power failures, computer failure, internet-browser, mistakes / errors in filling the bids on line by vendor etc.

4. Procedure for seeking clarifications/help for the tender:

- a) All enquiries regarding the tenders and submission of offers shall be online and only through our eProcurement portal.
- b) Vendors may approach help desk e-mail id and phone number given on the home page for any technical help (e-mail: eproc@vssc.gov.in and Phone: +91471 2565454/4574/2527/3753/3289).

5. Queries by vendors on technical problems on the last day of tender will not be binding on ISTRAC/ISRO for resolving/addressing. ISTRAC will not be responsible for non-submission of bids for those cases.

3. CERTIFICATE OF UNDERTAKING

- 1. A certificate from the bidder shall be enclosed along with their quotation (Technical bid) as per the format enclosed.
- 2. An AGENT is a person employed to do any act for another, or to represent another in dealings with third person.

3. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. (Competent authority is : DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE (DPIIT)).

4. (b)Control shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

5. Bidder from a country which shares a land border with India for the purpose means:

(a)An entity incorporated, established or registered in such a country; or

(b)A subsidiary of an entity incorporated, established or registered in such a country; or

(c)An entity substantially controlled through entities incorporated, established or registered in a such a country; or

(d)An entity whose beneficial owner is situated in such a country; or

(e)An Indian (or other) agent of such an entity; or

(f)A natural person who is a citizen of such a country; or

(g)A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

6. BIDDER (including the term tenderer, consultant or service provider in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

7. CERTIFICATE

8.

COMPANY NAME AND SEAL:

9. DESIGNATION:

10. Explanation:

(a)Controlling Ownership interest means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;

11. GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
ISTRAC, BENGALURU: 560 058.

12. iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals.

13. (iii). I/We _____ hereby undertake that if the Certificate is found to be false at any given time ISRO/ISTRAC may treat this as a ground for immediate termination and further legal action in accordance with law can be initiated.

14. ii) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.

15. (ii). I/We hereby confirm that the country of origin of goods is _____

16. i) In case of a company or Limited Liability Partnership, the beneficial owner is a natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

17. (i). I/WE _____ read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I / We _____ Certify that this bidder is not from such a country.

18. iv) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.

19. I / We _____ Certify that this bidder is from such a country and registered with the Competent Authority (i.e. Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Copy of Registration Certificate is enclosed.

20. NAME:

21. OR*

I/We _____ read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India.

22. Ref:Tender No _____ date _____

Our Quotation No. _____ date _____

23. REQUIREMENT OF REGISTRATION:

24. SIGNATURE:

25. (* Strike out whichever is not applicable).

26. Subject: Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017 - reg.

27. The beneficial owner for the purpose of (6) above will be as under:

28. (TO BE PRINTED ON THE LETTER HEAD OF THE VENDOR)

29. v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

4. MAKE IN INDIA UNDERTAKING (VENDORS SHALL SUBMIT THE BELOW CERTIFICATE ON THEIR LETTER HEAD DULY SIGNED)

1. The type of Class which the vendor belongs: Class-I or Class-II Local Suppliers as defined under DPIIT Order dtd 04/06/2020- Preference to Make in India Order-2017 Revision. (Class I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50% & Class II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%). NOTE: Bidders offering imported products will fall under the category of Non-local suppliers. They cannot claim themselves as Class I Local suppliers/Class II Local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

2. Percentage of local content for the quoted item.

3. Details of location (s) at which the local value addition is made

4. Provide self-certification that the item (s) offered meets the local content requirement for Class-I/Class-II Local Suppliers as the case may be.

C. Bid Templates

C.1 Technical Bid - IRNSS DOMESTIC COMMUNICATION NETWORK

- 1. Communication Links One time installation charges for Portblair node-Network 1**
- 2. Communication Links Recurring charges for Portblair node-Network 1**
- 3. Communication Links One time installation charges for Dehradun node-Network 1**
- 4. Communication Links Recurring charges for Dehradun node-Network 1**
- 5. Communication Links One time installation charges for Shillong node-Network 1**
- 6. Communication Links Recurring charges for Shillong node-Network 1**
- 7. Communication Links One time installation charges for Hassan node1-Network 1**
- 8. Communication Links Recurring charges for Hassan node1-Network 1**
- 9. Communication Links One time installation charges for Hassan node2-Network 1**
- 10. Communication Links Recurring charges for Hassan node2-Network 1**
- 11. Communication Links One time installation charges for Bhopal node1-Network 1**
- 12. Communication Links Recurring charges for Bhopal node1-Network 1**
- 13. Communication Links One time installation charges for Bhopal node2-Network 1**
- 14. Communication Links Recurring charges for Bhopal node2-Network 1**

15. **Communication Links One time installation charges for Mahendragiri node-Network 1**
16. **Communication Links Recurring charges for Mahendragiri node-Network 1**
17. **Communication Links One time installation charges for Jodhpur node-Network 1**
18. **Communication Links Recurring charges for Jodhpur node-Network 1**
19. **Communication Links One time installation charges for Peenya-SCC node-Network 1**
20. **Communication Links Recurring charges for Peenya-SCC node-Network 1**
21. **Communication Links One time installation charges for Bylalu node-Network 1**
22. **Communication Links Recurring charges for Bylalu node-Network 1**
23. **Communication Links One time installation charges for Lucknow node-Network 1**
24. **Communication Links Recurring charges for Lucknow node-Network 1**
25. **Communication Links One time installation charges for Shadnagar node-Network 1**
26. **Communication Links Recurring charges for Shadnagar node-Network 1**
27. **Communication Links One time installation charges for Kolkata node-Network 1**
28. **Communication Links Recurring charges for Kolkata node-Network 1**
29. **Communication Links One time installation charges for Udaipur node-Network 1**
30. **Communication Links Recurring charges for Udaipur node-Network 1**

- 31. Communication Links One time installation charges for Kavaratti node-Network 1**
- 32. Communication Links Recurring charges for Kavaratti node-Network 1**
- 33. Communication Links One time installation charges for Pune node-Network 1**
- 34. Communication Links Recurring charges for Pune node-Network 1**
- 35. Communication Links One time installation charges for gaggal node-Network 1**
- 36. Communication Links Recurring charges for Gaggal node-Network 1**
- 37. Communication Links One time installation charges for Trivandrum node-Network 1**
- 38. Communication Links Recurring charges for Trivandrum node-Network 1**
- 39. Communication Links 2x BOD charges for Portblair node-Network 1**
- 40. Communication Links 2x BOD charges for Dehradun node-Network 1**
- 41. Communication Links 2x BOD charges for Shillong node-Network 1**
- 42. Communication Links 2x BOD charges for Hassan node1-Network 1**
- 43. Communication Links 2x BOD charges for Hassan node2-Network 1**
- 44. Communication Links 2x BOD charges for Bhopal node1-Network 1**
- 45. Communication Links 2x BOD charges for Bhopal node2-Network 1**
- 46. Communication Links 2x BOD charges for Mahendragiri node-Network 1**

47. **Communication Links 2x BOD charges for Jodhpur node-Network 1**
48. **Communication Links 2x BOD charges for Peenya-SCC node-Network 1**
49. **Communication Links 2x BOD charges for Bylalu node-Network 1**
50. **Communication Links 2x BOD charges for Lucknow node-Network 1**
51. **Communication Links 2x BOD charges for Shadnagar node-Network 1**
52. **Communication Links 2x BOD charges for Kolkata node-Network 1**
53. **Communication Links 2x BOD charges for udaipur node-Network 1**
54. **Communication Links 2x BOD charges for Kavaratti node-Network 1**
55. **Communication Links 2x BOD charges for Pune node-Network 1**
56. **Communication Links 2x BOD charges for Gaggal node-Network 1**
57. **Communication Links 2x BOD charges for Trivandrum node-Network 1**
58. **Communication Links One time installation charges for Port Blair node-Network 2**
59. **Communication Links Recurring charges for Port Blair node-Network 2**
60. **Communication Links One time installation charges for Dehradun node-Network 2**
61. **Communication Links Recurring charges for Dehradun node-Network 2**

62. Communication Links One time installation charges for Shillong node-Network 2

63. Communication Links Recurring charges for Shillong node-Network 2

64. Communication Links One time installation charges for Hassan node1-Network 2

65. Communication Links Recurring charges for Hassan node1-Network 2

66. Communication Links One time installation charges for Hassan node2-Network 2

67. Communication Links Recurring charges for Hassan node2-Network 2

68. Communication Links One time installation charges for Bhopal node1-Network 2

69. Communication Links Recurring charges for Bhopal node1-Network 2

70. Communication Links One time installation charges for Bhopal node2-Network 2

71. Communication Links Recurring charges for Bhopal node2-Network 2

72. Communication Links One time installation charges for Mahendragiri node-Network 2

- 73. Communication Links Recurring charges for Mahendragiri node-Network 2**
- 74. Communication Links One time installation charges for Jodhpur node-Network 2**
- 75. Communication Links Recurring charges for Jodhpur node-Network 2**
- 76. Communication Links One time installation charges for Peenya-MOX node-Network 2**
- 77. Communication Links Recurring charges for Peenya-MOX node-Network 2**
- 78. Communication Links One time installation charges for Bylalu node-Network 2**
- 79. Communication Links Recurring charges for Bylalu node-Network 2**
- 80. Communication Links One time installation charges for Lucknow node-Network 2**
- 81. Communication Links Recurring charges for Lucknow node-Network 2**
- 82. Communication Links One time installation charges for Shadnagar node-Network 2**
- 83. Communication Links Recurring charges for Shadnagar node-Network 2**
- 84. Communication Links One time installation charges for Kolkata node-Network 2**

85. Communication Links Recurring charges for Kolkata node-Network 2

86. Communication Links One time installation charges for Udaipur node-Network 2

87. Communication Links Recurring charges for Udaipur node-Network 2

88. Communication Links One time installation charges for Kavaratti node-Network 2

89. Communication Links Recurring charges for Kavaratti node-Network 2

90. Communication Links One time installation charges for Pune node-Network 2

91. Communication Links Recurring charges for Pune node-Network 2

92. Communication Links One time installation charges for gaggal node-Network 2

93. Communication Links Recurring charges for Gaggal nodNetwork 2

94. Communication Links One time installation charges for Trivandrum node-Network 2

95. Communication Links Recurring charges for Trivandrum node-Network 2

96. Communication Links 2x BOD charges for Portblair node-Network 2

97. Communication Links 2x BOD charges for Dehradun node-Network 2

98. Communication Links 2x BOD charges for Shillong node-Network 2

99. Communication Links 2x BOD charges for Hassan node1-Network 2

100. Communication Links 2x BOD charges for Hassan node2-Network 2

101. Communication Links 2x BOD charges for Bhopal node1-Network 2

102. Communication Links 2x BOD charges for Bhopal node2-Network 2

103. Communication Links 2x BOD charges for Mahendragiri node-Network 2

104. Communication Links 2x BOD charges for Jodhpur node-Network 2

105. Communication Links 2x BOD charges for Peenya-MOX node-Network 2

106. Communication Links 2x BOD charges for Bylalu node-Network 2

107. Communication Links 2x BOD charges for Lucknow node-Network 2

108. Communication Links 2x BOD charges for Shadnagar node-Network 2

109. Communication Links 2x BOD charges for Kolkata node-Network 2

110. Communication Links 2x BOD charges for udaipur node-Network 2

111. Communication Links 2x BOD charges for Kavaratti node-Network 2

112. Communication Links 2x BOD charges for Pune node-Network 2

113. Communication Links 2x BOD charges for Gaggal node-Network 2

114. Communication Links 2x BOD charges for Trivandrum node-Network 2

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	SCOPE	Provisioning of Two Private Unmanaged MPLS L3 multinode networks for a period of 5 years	Yes / No / Explain		
2	Objective	Setting up and providing a reliable and secured communication multinode networks to enable real time mission critical data transfer within the specified time period	Yes / No / Explain		

3	Requirements	Optical communication networks shall be established at all the nodes mentioned in the annexure	Yes / No / Explain		
4	Technical Specifications		-		
5	No of Nodes	Two networks with 19 nodes each	Yes / No / Explain		
6	Type of Network	Unmanaged Private Multinode MPLS-Layer3 in hub-spoke configuration with Lucknow and Bangalore(SCC,IDSN) as Hubs.	Yes / No / Explain		
7	Base Bandwidth	Mentioned in the annexure	Yes / No / Explain		
8	Application	Real Time mission critical data transfer	Yes / No / Explain		
9	Class of Service	Top most COS with highest priority.	Yes / No / Explain		
10	Contention Ratio	Ratio 1:1	Yes / No / Explain		
11	Security Requirement	No public services should be routed through this infrastructure.	Yes / No / Explain		
12	Interface	Single mode LC-Optical port at all the nodes	Yes / No / Explain		
13	Jitter	<=40ms end to end measured between any two nodes	Yes / No / Explain		
14	Packet loss	<= 0.5% measured during any given time between any two nodes	Yes / No / Explain		
15	End to end latency	<= 100ms between any two nodes	Yes / No / Explain		
16	Availability of each node	99.5% or better	Yes / No / Explain		
17	Initial Contract period	5 years	Yes / No / Explain		
18	Delivery Schedule	Within 12 weeks from the date of release of PO	Yes / No / Explain		

19	Features		-		
20	Features 1	Connectivity at all the nodes should be of optical fibre connectivity. For each node, there should be dedicated infrastructure from nearest PoP to node without having any dependency on third party.	Yes / No / Explain		
21	Features 2	Last mile fiber connectivity at all the hubs should be of ring architecture.	Yes / No / Explain		
22	Features 3	The party should submit the escalation matrix (corporate help desk, emails & phone no.) during service delivery period and operational phase.	Yes / No / Explain		
23	Features 4	Apart from establishing the link End to End, the party needs to coordinate with the agencies involved for laying the optical fibre cable, right of way, get the required permits & licenses etc., from the concerned authorities/regulatory bodies.	Yes / No / Explain		
24	Features 5	The End to End communication network establishment shall be the responsibility of the vendor in total and shall include all the necessary coordination in delivering the End to End network.	Yes / No / Explain		
25	Terms and Conditions		-		
26	Terms and Conditions 1	Vendor shall share the details of PoP's and full network architecture connecting all the 19 nodes including the third party partner details in the node buildup	Yes / No / Explain		

27	Terms and Conditions 2	Vendor shall provide the security certificate indicating no public solution included in the network buildup.	Yes / No / Explain		
28	Terms and Conditions 3	Vendor shall ensure the buildup of back bone network to support 2x Bandwidth On Demand(2x BOD) at all the nodes. During misison critical scenarios, ISTRAC may request for 2x BW of any node or all nodes with prior intimation and service duration.	Yes / No / Explain		
29	Terms and Conditions 4	Vendor shall abide to ISTRAC terms for BW upgradation(2x BOD) based on the mission requirements during the contract period. BW upgradation should be implemented in less than 2 weeks time from the date of firm request. Post the upgrade period,vendor shall downgrade the link to Base Bandwidth of respective nodes.	Yes / No / Explain		
30	Terms and Conditions 5	Network should support both multicast and unicast traffics.	Yes / No / Explain		
31	Terms and Conditions 6	ISTRAC shall have the right to terminate the contract for a particular node if the performance of the node falls below 95% of availability consecutively for 3months and payment will be made till the termination date only on pro-rata basis.	Yes / No / Explain		
32	Terms and Conditions 7	ISTRAC shall make arrangements for providing rack space, electrical and air conditioning, and access permission at reasonable time at all locations.	Yes / No / Explain		

33	Terms and Conditions 8	ISTRAC shall carry out the link performance test at all the nodes for qualifying and issue the acceptance letter. Billing shall commence from the acceptance date	Yes / No / Explain		
34	Terms and Conditions 9	Down time for a nodes is defined as a capacity outage, which shall start at the trouble ticket being opened and end when the trouble ticket is being closed.	Yes / No / Explain		
35	Terms and Conditions 10	Down time shall also be accounted for non-availability of requested bandwidth and other link parameters mentioned in the tender during the contract period for use.	Yes / No / Explain		
36	Terms and Conditions 11	Service unavailability doesn't include outages due to the following reasons: 1) Any outage due to customer provided power or equipment's 2) Any outage attributable to Force Majeure Events 3) Any planned outage for maintenance activities like switch over, software upgrade etc.	Yes / No / Explain		
37	Terms and Conditions 12	The service unavailability time shall be calculated, on a monthly basis, and the service unavailability credit shall be adjusted in the bill. The formula followed by the party shall be as follows: [Total time per month-(sum of all down time in a month)] Service Availability =----- -----x 100 Total time per month	Yes / No / Explain		

38	Terms and Conditions 13	<p>The target value of the availability of the node should be 99.5%. If the availability falls below 99.5%, rebate should be provided on slab basis as given below or better.</p> <p>Duration of Service unavailability Service level Credit</p> <p>0---216 Minutes No Credit</p> <p>217---480 Minutes 2% of MRC (Monthly Recurring Charge)</p> <p>481---1080 Minutes 5% of MRC</p> <p>1081---1440 Minutes 10% of MRC</p> <p>For each subsequent 24-hour period thereafter 3% of MRC</p>	Yes / No / Explain		
39	Terms and Conditions 14	<p>Whenever there is a breakdown of the link, the vendor need to submit Root Cause Analysis (RCA) and Reasons for Outage (RFO) report against the ticket raised</p>	Yes / No / Explain		
40	Terms and Conditions 15	<p>Payment terms: One time charges: The onetime charges shall be made along with the first quarterly bill payment. Recurring charges: The recurring charges shall be made at the end of each financial quarter or quarterly basis in arrears after satisfied service and duly certified by the Engineer in charge. Commencement of payment of recurring charges shall be accounted only from the date of acceptance of the node by ISTRAC.</p>	Yes / No / Explain		

41	Terms and Conditions 16	Price for Base Bandwidth and 2x BOD must be quoted in the commercial offer. Offer is liable to be rejected without 2x BOD cost. Qty indicated for 2x BOD is maximum during the contract period of 5 years. However actual requirement will be communicated well in advance and payment shall be made on pro-rata basis.	Yes / No / Explain		
42	Terms and Conditions 17	During the upgrade request to 2x BOD, the commercials of 2x BOD only shall be applicable and not to include the Base Bandwidth commercials for billing for requested period. During invoice submission, Vendor should separately indicate the commercials for normal period(Base Bandwidth) and upgraded period(2x BOD).	Yes / No / Explain		
43	Terms and Conditions 18	The contract is for a period of 5 Years. Each nodes or All nodes can be terminated with one month notice in advance after the initial one year based on ISTRAC's decision. No Early Termination Charges (ETC) shall be applicable. Payment shall be made on pro-rata basis till the termination date only. ISTRAC shall have the right to extend the contract by 3 more years on mutual agreement basis on same techno-commercial terms and conditions.	Yes / No / Explain		

44	Terms and Conditions 19	Vendor's offer not covering all the 19 nodes per each network shall be rejected. Vendor shall quote for both the networks.	Yes / No / Explain		
45	Terms and Conditions 20	ISTRAC shall have the right to place the order to different service providers for network1 and network2 separately to avoid total network failure at all the nodes respectively.	Yes / No / Explain		
46	Terms and Conditions 21	L1 is calculated by considering OTC, ARC and 2X BOD price of all the nodes of a network. Selection criteria for two networks. (A) Commercially L1 will be considered for first network (who so ever is less). (B) Commercially selected L1 vendor under Sl.no A will not be considered for selection of the second network. (C) Commercial L1 of the second network will be considered for placement. In the event of bids resulting in single vendor only, then order shall be placed only for one network.	Yes / No / Explain		
47	Terms and Conditions 22	ISTRAC shall have the right to place order for all nodes or some nodes based on the mission requirement. During PO placement, exact nodes will be mentioned.	Yes / No / Explain		

Supporting Documents required from Vendor

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	On Site	Yes / No / Explain	
2	Payment Term (One time charges: The onetime charges shall be made along with the first quarterly bill payment. Recurring charges: The recurring charges shall be made at the end of each financial quarter or quarterly basis in arrears after satisfied service and duly certified by the Engineer in charge. Commencement of payment of recurring charges shall be accounted only from the date of acceptance of the node by ISTRAC.)	Yes / No / Explain	
3	Taxes and other costs, if any	Yes / No / Explain	
4	Delivery Period	Yes / No / Explain	
5	Delivery Term	Yes / No / Explain	
6	Security Deposit: FD or BG for 3% of PO value to be submitted within 30 days after receipt of PO and valid till supply & acceptance.	Yes / No / Explain	
7	DELAY IN COMPLETION / LIQUIDATED DAMAGES : Time is the essence of the contract. If the Contractor fails to establish the links within the time specified in the Contract or any extension thereof, the Purchaser shall recover from the Contractor as Liquidated Damages a sum of one-half of one per cent (0.5%) of the Contract price of the delayed links for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10%) of the contract price. Links will be deemed to have been established only when all their components are also delivered/established. If certain components are not delivered/ established in time, the links will be considered as delayed until such time as the missing components are delivered/established.	Yes / No / Explain	

8	Down Time Compensation: As per the Terms & Condition clause no. 09 to 13 of the General Specifications.	Yes / No / Explain	
9	Validity (90 days for Single part bid , 120 days for two part tenders and 90 days after price bid opening)	Yes / No / Explain	
10	Name and Address of the company on whom purchase order to be placed.	Yes / No / Explain	
11	Certificate of Undertaking: Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods or services (including consultancy services and non consultancy services) or works (including turn-key projects) only if the bidder is registered with the Competent authority (i.e. DPIIT). Hence, it is mandatory to furnish Certificate of Undertaking as indicated in the tender document.	Yes / No / Explain	
12	Foreign vendors are not permitted to quote. 1.Only Class -I and Class-II Local suppliers as per make in India policy are eligible to participate in the bid. 2. The percentage of local content should be specifically mentioned in the offer, without which will be summarily rejected 3. Preference will be given to class-I Local Supplier and in their absence, class-II Local supplier will be considered.	Yes / No / Explain	

13	<p>This tender is restricted only to Class-I and Class-II Local Suppliers as defined under DPIIT Order dtd 04/06/2020- Preference to Make in India Order-2017 Revision. Non-Local Suppliers need not quote. Foreign OEMs/Agents quoting on behalf of Foreign OEMs are not permitted to quote. High Sea Sales Quotes not permitted. The bids shall be in INR only.</p> <p>Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.</p> <p>The Class-I/Class-II Local suppliers, at the time of submitting their offer, shall also indicate percentage of local content and provide self certification that the item (s) offered meets the local content requirement for Class-I/Class-II Local Suppliers as the case may be. They shall also give details of location (s) at which the local value addition is made.</p> <p>In cases if the item(s) offered exceed Rs. 10 Crores, the Class-I/Class-II Local Suppliers shall provide a Certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content. False Declarations will be in breach of the Code of Integrity under Rule 175 (1) (i) (h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.</p>	Yes / No / Explain	
14	<p>Percentage of local content for the quoted item. Details of break-up of local content shall be provided in terms of percentage. Please note that the value should not be mentioned.</p>	Yes / No / Explain	
15	<p>Details of location (s) at which the local value addition is made</p>	Yes / No / Explain	
16	<p>Foreign OEMs/Agents quoting on behalf of Foreign OEMs are not permitted to quote. High Sea Sales quotes not permitted. The bids shall be in INR only.</p>	Yes / No / Explain	
17	<p>GeM Seller ID</p>	Yes / No / Explain	

18	Any other terms	Yes / No / Explain	
19	Whether Micro and Small Enterprises [MSEs] (Yes or No) Submit a copy of Valid Certificate with self-attestation along with the Techno-commercial bid. No Certificate claiming exemption will be entertained after Tender due date.	Yes / No / Explain	
20	Whether claiming for Purchase Preference as per MSE Policy (Yes or No)	Yes / No / Explain	

21	<p>Arbitration: Local suppliers: :In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent, in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The Arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre-Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only. Work under the contract shall be continued by the Tenderer during the pendency of arbitration proceedings, without prejudice to a final adjustment in the accordance with the decision of the Arbitrator unless otherwise directed in writing by the Purchaser or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
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22	<p>Arbitration with Overseas Supplier: In the event of any dispute or difference arising out of or in connection with this Purchase Order, such dispute or difference shall be settled amicably by mutual consultants or through the good offices of the respective parties. If such resolution is not possible, then the unresolved dispute or difference shall be referred to the Sole Arbitrator appointed in accordance with provisions of the ICADR Arbitration Rules, 1996 of the International Center for Alternative Dispute Resolution, New Delhi. The Arbitration shall be conducted in India in accordance with the Rules & Procedures of the Arbitration and Conciliation Act of 1996 or any re-enactment or modification thereof. The expenses for the Arbitration shall be paid as may be determined by the Arbitrator. The Seat for Arbitration shall be Bengaluru. The applicable language for Arbitration shall be English only. Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.</p>	Yes / No / Explain	
23	<p>Arbitration with Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4 (1)/2013 - DPE (GM) /FTS 1835 dated 22.05.2018. And/or amended thereafter".</p>	Yes / No / Explain	
24	Country of Origin	Yes / No / Explain	
25	Percentage of Agency Commission included in the quoted price.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Communication Links One time installation charges for Portblair node-Network 1	1.00 Lot		-		

2	Communication Links Recurring charges for Portblair node-Network 1	5.00 Years		-		
3	Communication Links One time installation charges for Dehradun node-Network 1	1.00 Lot		-		
4	Communication Links Recurring charges for Dehradun node-Network 1	5.00 Years		-		
5	Communication Links One time installation charges for Shillong node-Network 1	1.00 Lot		-		
6	Communication Links Recurring charges for Shillong node-Network 1	5.00 Years		-		
7	Communication Links One time installation charges for Hassan node1-Network 1	1.00 Lot		-		
8	Communication Links Recurring charges for Hassan node1-Network 1	5.00 Years		-		
9	Communication Links One time installation charges for Hassan node2-Network 1	1.00 Lot		-		

10	Communication Links Recurring charges for Hassan node2-Network 1	5.00 Years		-		
11	Communication Links One time installation charges for Bhopal node1-Network 1	1.00 Lot		-		
12	Communication Links Recurring charges for Bhopal node1-Network 1	5.00 Years		-		
13	Communication Links One time installation charges for Bhopal node2-Network 1	1.00 Lot		-		
14	Communication Links Recurring charges for Bhopal node2-Network 1	5.00 Years		-		
15	Communication Links One time installation charges for Mahendragiri node-Network 1	1.00 Lot		-		
16	Communication Links Recurring charges for Mahendragiri node-Network 1	5.00 Years		-		
17	Communication Links One time installation charges for Jodhpur node-Network 1	1.00 Lot		-		

18	Communication Links Recurring charges for Jodhpur node-Network 1	5.00 Years		-		
19	Communication Links One time installation charges for Peenya-SCC node-Network 1	1.00 Lot		-		
20	Communication Links Recurring charges for Peenya-SCC node-Network 1	5.00 Years		-		
21	Communication Links One time installation charges for Bylalu node-Network 1	1.00 Lot		-		
22	Communication Links Recurring charges for Bylalu node-Network 1	5.00 Years		-		
23	Communication Links One time installation charges for Lucknow node-Network 1	1.00 Lot		-		
24	Communication Links Recurring charges for Lucknow node-Network 1	5.00 Years		-		
25	Communication Links One time installation charges for Shadnagar node-Network 1	1.00 Lot		-		

26	Communication Links Recurring charges for Shadnagar node-Network 1	5.00 Years		-		
27	Communication Links One time installation charges for Kolkata node-Network 1	1.00 Lot		-		
28	Communication Links Recurring charges for Kolkata node-Network 1	5.00 Years		-		
29	Communication Links One time installation charges for Udaipur node-Network 1	1.00 Lot		-		
30	Communication Links Recurring charges for Udaipur node-Network 1	5.00 Years		-		
31	Communication Links One time installation charges for Kavaratti node-Network 1	1.00 Lot		-		
32	Communication Links Recurring charges for Kavaratti node-Network 1	5.00 Years		-		
33	Communication Links One time installation charges for Pune node-Network 1	1.00 Lot		-		

34	Communication Links Recurring charges for Pune node-Network 1	5.00 Years		-		
35	Communication Links One time installation charges for gaggal node-Network 1	1.00 Lot		-		
36	Communication Links Recurring charges for Gaggal node-Network 1	5.00 Years		-		
37	Communication Links One time installation charges for Trivandrum node-Network 1	1.00 Lot		-		
38	Communication Links Recurring charges for Trivandrum node-Network 1	5.00 Years		-		
39	Communication Links 2x BOD charges for Portblair node-Network 1	12.00 Month		-		
40	Communication Links 2x BOD charges for Dehradun node-Network 1	12.00 Month		-		
41	Communication Links 2x BOD charges for Shillong node-Network 1	12.00 Month		-		
42	Communication Links 2x BOD charges for Hassan node1-Network 1	12.00 Month		-		

43	Communication Links 2x BOD charges for Hassan node2- Network 1	12.00 Month		-		
44	Communication Links 2x BOD charges for Bhopal node1- Network 1	12.00 Month		-		
45	Communication Links 2x BOD charges for Bhopal node2- Network 1	12.00 Month		-		
46	Communication Links 2x BOD charges for Mahendragiri node- Network 1	12.00 Month		-		
47	Communication Links 2x BOD charges for Jodhpur node- Network 1	12.00 Month		-		
48	Communication Links 2x BOD charges for Peenya- SCC node- Network 1	12.00 Month		-		
49	Communication Links 2x BOD charges for Bylalu node- Network 1	12.00 Month		-		
50	Communication Links 2x BOD charges for Lucknow node- Network 1	12.00 Month		-		
51	Communication Links 2x BOD charges for Shadnagar node- Network 1	12.00 Month		-		

52	Communication Links 2x BOD charges for Kolkata node- Network 1	12.00 Month		-		
53	Communication Links 2x BOD charges for udaipur node- Network 1	12.00 Month		-		
54	Communication Links 2x BOD charges for Kavaratti node- Network 1	12.00 Month		-		
55	Communication Links 2x BOD charges for Pune node- Network 1	12.00 Month		-		
56	Communication Links 2x BOD charges for Gaggal node- Network 1	12.00 Month		-		
57	Communication Links 2x BOD charges for Trivandrum node- Network 1	12.00 Month		-		
58	Communication Links One time installation charges for Port Blair node- Network 2	1.00 Lot		-		
59	Communication Links Recurring charges for Port Blair node- Network 2	5.00 Years		-		
60	Communication Links One time installation charges for Dehradun node- Network 2	1.00 Lot		-		

61	Communication Links Recurring charges for Dehradun node- Network 2	5.00 Years		-		
62	Communication Links One time installation charges for Shillong node- Network 2	1.00 Lot		-		
63	Communication Links Recurring charges for Shillong node- Network 2	5.00 Years		-		
64	Communication Links One time installation charges for Hassan node1- Network 2	1.00 Lot		-		
65	Communication Links Recurring charges for Hassan node1- Network 2	5.00 Years		-		
66	Communication Links One time installation charges for Hassan node2- Network 2	1.00 Lot		-		
67	Communication Links Recurring charges for Hassan node2- Network 2	5.00 Years		-		
68	Communication Links One time installation charges for Bhopal node1- Network 2	1.00 Lot		-		

69	Communication Links Recurring charges for Bhopal node1- Network 2	5.00 Years		-		
70	Communication Links One time installation charges for Bhopal node2- Network 2	1.00 Lot		-		
71	Communication Links Recurring charges for Bhopal node2- Network 2	5.00 Years		-		
72	Communication Links One time installation charges for Mahendragiri node- Network 2	1.00 Lot		-		
73	Communication Links Recurring charges for Mahendragiri node- Network 2	5.00 Years		-		
74	Communication Links One time installation charges for Jodhpur node- Network 2	1.00 Lot		-		
75	Communication Links Recurring charges for Jodhpur node- Network 2	5.00 Years		-		
76	Communication Links One time installation charges for Peenya-MOX node- Network 2	1.00 Lot		-		

77	Communication Links Recurring charges for Peenya-MOX node-Network 2	5.00 Years		-		
78	Communication Links One time installation charges for Bylalu node-Network 2	1.00 Lot		-		
79	Communication Links Recurring charges for Bylalu node-Network 2	5.00 Years		-		
80	Communication Links One time installation charges for Lucknow node-Network 2	1.00 Lot		-		
81	Communication Links Recurring charges for Lucknow node-Network 2	5.00 Years		-		
82	Communication Links One time installation charges for Shadnagar node-Network 2	1.00 Lot		-		
83	Communication Links Recurring charges for Shadnagar node-Network 2	5.00 Years		-		
84	Communication Links One time installation charges for Kolkata node-Network 2	1.00 Lot		-		

85	Communication Links Recurring charges for Kolkata node-Network 2	5.00 Years		-		
86	Communication Links One time installation charges for Udaipur node-Network 2	1.00 Lot		-		
87	Communication Links Recurring charges for Udaipur node-Network 2	5.00 Years		-		
88	Communication Links One time installation charges for Kavaratti node-Network 2	1.00 Lot		-		
89	Communication Links Recurring charges for Kavaratti node-Network 2	5.00 Years		-		
90	Communication Links One time installation charges for Pune node-Network 2	1.00 Lot		-		
91	Communication Links Recurring charges for Pune node-Network 2	5.00 Years		-		
92	Communication Links One time installation charges for gaggal node-Network 2	1.00 Lot		-		

93	Communication Links Recurring charges for Gaggal node- Network 2	5.00 Years		-		
94	Communication Links One time installation charges for Trivandrum node- Network 2	1.00 Lot		-		
95	Communication Links Recurring charges for Trivandrum node- Network 2	5.00 Years		-		
96	Communication Links 2x BOD charges for Portblair node- Network 2	12.00 Month		-		
97	Communication Links 2x BOD charges for Dehradun node- Network 2	12.00 Month		-		
98	Communication Links 2x BOD charges for Shillong node- Network 2	12.00 Month		-		
99	Communication Links 2x BOD charges for Hassan node1- Network 2	12.00 Month		-		
100	Communication Links 2x BOD charges for Hassan node2- Network 2	12.00 Month		-		
101	Communication Links 2x BOD charges for Bhopal node1- Network 2	12.00 Month		-		

102	Communication Links 2x BOD charges for Bhopal node- Network 2	12.00 Month		-		
103	Communication Links 2x BOD charges for Mahendragiri node- Network 2	12.00 Month		-		
104	Communication Links 2x BOD charges for Jodhpur node- Network 2	12.00 Month		-		
105	Communication Links 2x BOD charges for Peenya-MOX node- Network 2	12.00 Month		-		
106	Communication Links 2x BOD charges for Bylalu node- Network 2	12.00 Month		-		
107	Communication Links 2x BOD charges for Lucknow node- Network 2	12.00 Month		-		
108	Communication Links 2x BOD charges for Shadnagar node- Network 2	12.00 Month		-		
109	Communication Links 2x BOD charges for Kolkata node- Network 2	12.00 Month		-		
110	Communication Links 2x BOD charges for udaipur node- Network 2	12.00 Month		-		

111	Communication Links 2x BOD charges for Kavaratti node-Network 2	12.00 Month		-		
112	Communication Links 2x BOD charges for Pune node-Network 2	12.00 Month		-		
113	Communication Links 2x BOD charges for Gaggal node-Network 2	12.00 Month		-		
114	Communication Links 2x BOD charges for Trivandrum node-Network 2	12.00 Month		-		

Common charges (Applicable for all items)

P&F Charges	
Freight Charges	
Installation Charges	
Documentation & Handling Charges	
Other Charges (If any)	