



BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
OFFICE OF THE GENERAL MANAGER BIKANER BUSINESS AREA,
BIKANER-334001 (Raj.)

E-Tender Notice Tender No.P-1/EB-Tender/2024-25/5, Dated 27, August 2024
E-Tender for Supply, Installation, Testing & Commissioning. UTM, Wi-Fi Access Point, Switch, Cat-6 cable etc Associated activities for ICAR-Central Institute of Arid Horticulture Bikaner.

The tender document in respect of above mentioned tender which contains the following.

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If interested, kindly submit your bid offers online on or before date & time specified in Clause 6 of detailed NIT.

AGM (EB)
O/o GM BA, BIKANER
T. No. 0151-2520500

Signature of the Bidder

SECTION – 1
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
O/o OFFICE OF THE GENERAL MANAGER BIKANER BUSINESS AREA, BIKANER

DETAILED NOTICE INVITING E-TENDER (DNIT)

On behalf of GM BA Bikaner BA Limited E-Tender is invited for Supply, Installation, Testing & Commissioning for UTM, Wi-Fi Access Point, Switch, Cat-6 cable ,etc for EB customer of BSNL Bikaner. The Term & conditions of this contract applicable for Technical/Pre-Qualification and price schedule are given in the Tender document. Empanelled S.I. is required to submit their bid in the prescribed format at <http://etenders.gov.in> on or before the prescribed date and time indicated in this NIT.

SSA	Name of Location	Estimated Value of work in Rs. Excluding GST	EMD @2.5% (in INR) Exclusive GST Cost	Cost of Tender form (in INR) Including GST
Bikaner	ICAR-Central Institute of Arid Horticulture ,Bikaner	10,66,000	26,650/-	590/-

- 1.1 Normally contract will be awarded for Ninety Days. However, extension for 60 Days or part thereof will be considered, keeping in view the various factors such as exigency of service, satisfactory performance of the firm with the same terms and conditions of the tender.
2. **Purchase of Tender Document:** Tender document can be obtained by downloading it from the website www.bsnl.co.in/rajasthan/tender or www.etenders.gov.in/eprocure/app
- 2.1 The bidders downloading the tender document are required to submit the tender fee of amount **Rs.590/-** (including GST) through DD/ Banker's cheque along with their tender bid, failing which the tender bid shall be left archived unopened/ rejected. The DD/ banker's cheque shall be drawn from any Nationalized/ Scheduled Bank in favor of "**AO (Cash) BSNL O/o GMTD, Bikaner**" and payable at **Bikaner-334001**.
3. **Availability of Tender Document on the e-tender portal for bid submission:** The tender document shall be available for downloading from BSNL website www.etenders.gov.in/eprocure/app from **28.08.2024** onwards. The same tender document is uploaded on BSNL website shall be made available on e-tender portal (URL of e-tender portal) from **28.08.2024** from **14.00 Hrs** onwards for start on online bid submission.
- 3.1 Physical copy of the tender document would not be available for sale.

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- 3.2 The Tender document shall not be available for download from e-tender portal on its submission / closing date
4. **Eligibility Criteria** : The bidder should meet following eligibility requirements:
- 4.1. The Bidder must be registered as System Integrator in BSNL Rajasthan Circle / BSNL Corporate office Delhi and & S.I. agreement should be **valid up to 31- Dec-2025** System Integrator registration document and agreement are to be submitted along with technical bid.
- 4.2. The Bidder must submit the Manufacturer Authorization Form (MAF) or Authorization letter from OEM for Bid Participation **in Favor of BSNL Bikaner,**
5. **Bid Security/ EMD:**
The bidder shall furnish the bid EMD through Demand Draft/ Banker's cheque drawn in favor of "AO (Cash) BSNL O/o GMTD, Bikaner" and payable at **Bikaner-334001** amount of 2.5% of Bid Amount.
6. **Date & Time of Submission of Tender bids:** on or before **14:00 Hrs of 11.09.2024** (tender closing date).
- 6.1 **In case the date of submission (opening) of bid is declared to be a holiday, the date of submission (opening) of bid will get shifted automatically to next working day at the same scheduled time. Any change in bid opening date due to any other unavoidable reason will be intimated to all the bidders separately.**
7. **Opening of Tender Bids:** At **14:30 Hrs of 12.09.2024.**
8. **Place of opening of Tender bids:**
- 8.1 The tenders shall be opened through 'Online Tender Opening Event'. BSNL's Tender Opening Officers as well as authorized representatives of bidders can attend the online Tender Opening Event (TOE) from the comfort of their offices. Kindly refer Section-4 Part C of Tender document for further instructions.
9. Tender bids received after due time & date will not be accepted.
10. Incomplete, ambiguous, Conditional, unsealed tender bids are liable to be rejected.
11. GM BA, BSNL, Bikaner reserves the right to accept or reject any or all tender bids without assigning any reason. **He is not bound to accept the lowest bid.** GM BA, BSNL, Bikaner reserves the right to cancel tender at any stage of tender processing.
12. The bidder shall furnish a declaration, as per Section 6 (A), in his tender bid that no addition / deletion / corrections have been made in the terms & conditions of the downloaded tender document for which their bid is being submitted and these are identical to the tender document appearing on the website.
- 12.1 In case of any correction/ addition/ alteration/ omission in the tender document, the tender bid shall be treated as non-responsive and shall be rejected summarily.
- 12.2 All documents submitted in the bid offer should be preferably in English/Hindi. In case the certificate viz. experience, registration etc. is issued in any other language other than English/Hindi, the bidder shall attach a translation of the same in English/Hindi, duly attested by the bidder & the translator to be true copy in addition to the relevant certificate.
- 12.3 All computer generated documents should be duly signed/ attested by the bidder/ bidder organization.
- 12.4 The Bidder must submit the Authorization Letter from Manufacturer Authorization Form (MAF) in Favor of BSNL as required for Bid Participation in the tender of above Items under The EB customer of Bikaner BA.

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- 12.5 Bid Security deposited by unsuccessful SI participated in the tender of BSNL will be refunded.
- 12.6 BSNL has reserve the right to reject the bid at any stage without any reasons or on deviation from the tender condition in terms of technical specification or on any other reason specified in the tender.
- 12.7 BSNL will add mark-up towards Administrative Expense and Profit on the lowest cost of successful SI. The mark-up will be decided by BSNL management. Bidder should quote price in prescribed price scheduled for EB Customer Bikaner BA.
- 12.8 The S.I must Follow The E.O.I for Empanelment of SI for Executing Turnkey WAN projects Letter Dated EB/01-34/SI/Empanelment/2020-21/18 Dated Jaipur 21-12-2020 and Clause No 2.6 “ Allocation of work of Network Integration and supply “ and all clauses.
- 12.9 The No.'s of Items/Quantity/work may be increase or decrease as per customer requirement
- 12.10 The Lowest Bidder has to deposit 2.5% of tender cost as performance security (i.e balance amount after bid security) within a week's times after issue of APO.

BSNL Contact-1	
BSNL's Contact Person	Sh. Mahesh Vyas
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E-mail ID	commbik@gmail.com
BSNL Contact-2	
BSNL's Contact Person	Sh. Rakesh Kumar
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AGM (EB)
O/o GM BA, BIKANER
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SECTION- 2 Tender Information

1. **Type of tender: Single stage submission & two stage opening.**

Digitally signed online bids are to be submitted in Single Stage Bidding and two stage opening e-tendering process using two electronic Envelopes from the eligible bidders by the time and date specified in the Bid Document.

Note: The bids will be evaluated techno-commercially first and thereafter financial bids of techno-commercially compliant bidders only, shall be opened.

2. **Bid Validity Period** - The bid will remain valid for **180 days** from the tender opening date

3. The electronic envelopes will contain documents satisfying the eligibility / Technical & commercial conditions in first envelope called **Techno-commercial** envelope and second envelope called as **Financial Envelope** containing financial bid / quote.

a. Techno-commercial envelope shall contain :-

- 1) EMD /Bid security along with scanned copy.
- 2) Cost of tender document along with scanned copy .
- 3) Certificate(s) showing fulfillment of the eligibility criteria(s) stated in Clause 4 of the Detailed NIT.
- 4) Power of Attorney (PoA) & authorization for executing the power of Attorney in accordance with Clause 14.3 of Section 4 Part A.(not required in case of Proprietary / partnership firm if the proprietor/partnership himself signs the documents) and board resolution in favour of authorized signatory.
- 5) Copy of Articles and Memorandum of Association or Partnership deed or proprietorship deed as the case may be.
- 6) Details of the firm along with List of Directors on the Board of the Company, list of partners, as applicable.
- 7) Attestation of the signature of the authorized signatory, issuing PoA, by Bank.
- 8) Bidder's Profile & Questionnaire duly filled & signed as per Section-8.
- 9) Indemnity bond declaration for indemnifying BSNL against any non-compliance by bidder towards all applicable statutory requirements, if work is awarded, as per Annexure-1.
- 10) Letter of authorization for attending bid opening event as per Section -7 Part (C).
- 11) Undertaking & declaration duly filled & signed as per Section-6 Part A
- 12) Tender / Bid form-Section 9 Part A.

Checklist of the documents submitted as per Annexure-2. 4.5 The Bidder should also submit the following documents in Technical Bid –

- (i) EPF/ESI Registration Certificate along with latest EPF/ESI payment certificate.
- (ii) Valid PAN Number.
- (iii) A self-declaration along with the evidence that the bidder is not black listed by GST authorities.

Note 1:- The bidders shall submit necessary documentary proof showing that they meet the eligibility criteria along with their tender bid. All documents submitted will also be self-attested by the bidder.

b. Financial envelope shall contain:

- 1) Price Schedule (as per Section 9 Part-B)

c. Offline Documents :

The following documents are required to be submitted offline (i.e. offline submissions) to AGM (EB), BSNL, Bikaner-334001 on or before the date & time of submission of bids in a sealed envelope. The envelope shall bear the tender number, name of work and the phrase: "Do Not Open Before (due date & time of opening of tender).

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- 1) EMD – Bid security (in original)
- 2) DD/ Banker's cheque of Tender fee (in original).

4. **Payment terms**

4.1 90% Payment will be made on delivery, installation & acceptance of the work as mentioned in Section-3 Scope of Work. Bidder is required to get satisfactory completion report from the Nodal officer of **ICAR-Central Institute of Arid Horticulture Bikaner.**

4.2 Balance 10% of amount will be paid after submission of certificate of nodal officer in respect of satisfactory working of the same for a period of One Year from the Date of Commissioning.

4.3 These Payments will be made only after receipt of payment from the end customer.

4.4 Online generated GST payment details of previous month shall be submitted with the invoice(s) for payments.

5. **Time line for start and completion of work:**

Work will be start within 4 Weeks of P.O date, and will be completed the within time mention in P.O., GM BA Bikaner may grant additional time on request of bidder in special cases.

6. **Duration of Contract (Validity of tender):**

Normally contract will be awarded for Three Month. However, extension for Two Month or part thereof will be considered, keeping in view the various factors such as exigency of service, satisfactory performance of the firm with the same terms and conditions of the tender.

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SECTION- 3

(SCOPE OF WORK)

List of Activities Covered under SITC of equipments as listed attached.
Gateway Security and Networking at ICAR-CIAH, Bikaner

1. Design, Supply and installation, commissioning of supplied equipments to provide secured networking.
2. Bidder is also required to provide training, documentation including user manuals and 12 months warranty for the complete solution including all hardware, software, services, support etc.
3. The bidder is required to develop internet policies as per the guidelines by Government.
4. The bidder is required to Wi-Fi at administrative building with fiber attached switch.
5. Complete WI FI and firewall network need to be operated from IT Room.
6. Bidder is required to provide power backup in all the network racks in administrative building.
7. The bidder are advised to visit the mentioned site before participating bid in the tender. Bidder shall be responsible for the services and shall be single point of responsibility for deployed services at user end.

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Technical Specification

Sr No.	ITEMS	Description	Qty	
1	Firewall	22 x GE RJ45 ports (including 2 x WAN ports, 1 x DMZ port, 1 x Mgmt port, 2 x HA ports, 16 x switch ports with 4 SFP port shared media), 4 SFP ports, 2x 10G SFP+, dual power supplies redundancy, with 1 yr subscription	1	
2	AP	2x2 11ac Wave2 Indoor Access Point	8	
3	24 port poe switch	24 port 1G POE with 4 SFP ports switch	8	
4	Connector	RJ45 Connector	1	
5	1G SFP Module	1G SFP Modules	16	
6	Cable Roll	Cat 6 UTP 305mtr	2	
7	Fiber LIU	6 Port LIU loaded	8	
8	6 Core Fiber	6 Core fiber cable in mtr	1000	
9	Fiber Patch Cord	2 mtr Duplex LCSC fiber patch cord	16	
10	Cat 6 Laying	Cat 6 cable laying in Pipe and casing per mtr	610	
11	UPS	1KVA UPS with 15-20 Min Battery backup.	4	
12	SITC	Supply, Installation, Testng and Commissioning of access points, firewall, Fiber and Cat 6 Cable ,Fiber LIU,OFC Termination etc.	1	

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The following are the technical parameters for the Firewall (UTM) Sheet -1			
S.no	Desired Specifications / Features	Make & Model	Compliance Y/N
1	Solution should not exceed 1 RU rack mount per appliance with meeting below throughputs: Firewall Throughput should be 11 Gbps or higher. Concurrent Sessions should be 6 Million or higher. IPSec VPN Throughput should be 6 Gbps or higher. NGFW Throughput should be 3 Gbps or higher, if NGFW throughput is not mentioned in datasheet, then, OEM datasheet should include equivalent or better security throughput like Threat Prevention Throughput.		
2	Hardware should have atleast 12 x GbE copper, 2 x SFP fiber ports		
3	Solution should have GUI/CLI based management console, user threat level mapping, cloud application usage visibility, SDWAN based on jitter/latency/packet loss, reporting analyzer function, ability to identify risky users based on browsing behaviour, integration provision with managed services.		
4	Solution should provide TLS inspection offers high performance, support for TLS 1.3 with no downgrading, port agnostic, enterprise-grade policies.		
5	Solution should support SD-WAN providing performance-based link selection with zero-impact re-		
6	Solution should support Static Routing, BGP and OSPFv3 routing.		
7	Solution should have the provision to configure TLS-encrypted syslog.		
8	Solution should have two-factor authentication (One-time-password) support for administrator		
9	Solution should have the option for configuring High Availability (HA) between two devices in active-active or active-passive mode.		
10	Solution should have SNMP v3 and Netflow support.		
11	Solution should have the configuration option to block sign-in for all types of authentication, such as the web admin console, CLI, or VPN. Administrator should be provided with an option to enter the maximum number of failed sign-in attempts and the duration (in seconds) within which the attempts can be made from a single IP address. Therefore, when the failed attempts exceed the number, the administrator is locked for the configured minutes. Administrator must be provided with the configuration option to specify the number of minutes for which the administrator will not be allowed to sign-in.		
12	Solution should provide administrator with option to use name lookup to query the domain name service for information about domain names and IP addresses. The option should be able to send a domain name query packet to a configured domain name system (DNS) server.		
13	Solution should provide administrator with an option to use packet capture showing the details of the packets that pass through an interface.		
14	Solution should help administrator in tracing the path taken by a packet from the source system to the destination system. The output shows all the route through which data packets pass from the source system to the destination system, maximum hops, and total time taken by the packet to return (measured in milliseconds).		
15	Solution should provide administrator with the ability to test the reachability of a host on an Internet Protocol (IP) network and to measure the round-trip time for messages sent from the originating host to a destination computer.		
16	Solution should have the ability to send the Netflow records of source, destination, and traffic volume to the Netflow server. The records help administrator to identify the protocols, policies, interfaces, and users consuming high bandwidth. Administrator thus can use data analysis tools, such as Open Source Data Analyzer and PRTG to generate reports from the Netflow records.		
17	Solution should have the ability to configure email settings to send alert emails.		
18	Admin user interface should provide the ability to synchronize the clock on the firewall with predefined or custom Network Time Protocol (NTP) servers.		
19	Appliance should support syslog protocol and must have the capability for collecting and forwarding messages from firewall module to a server running a syslog daemon.		
20	Solution should provide administrator with an option to add certificates and generate a locally-signed certificate or certificate signing request (CSR). Administrator can also add certificate authorities (CA) and certificate revocation lists (CRL).		
21	Solution should have ability to define policies to block traffic to high-risk applications. New applications should be automatically added to application filters and firewall rules when the application signature database is updated.		
22	Appliance syslog protocol should be compliant to RFC5424.		
23	Solution should have the ability to specify protection on a zone-specific basis and limit traffic to trusted MAC addresses or IP-MAC pairs.		
24	Solution should support VoIP using both Session Initiation Protocol (SIP) and H.323 standards.		

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29	Solution should have ability for detecting and blocking network traffic attempting to contact		
30	Solution should have the ability to create user, group, time, or network-based policies.		
31	Solution should have the ability to create access time polices per user/group.		
32	Solution should support Site-to-site VPN: SSL, IPsec, 256- bit AES/3DES, PFS, RSA, X.509 certificates, pre-shared key. Solution should support RB-VPN.		
33	Solution should support high-performance, next-gen IPS deep packet inspection engine with selective IPS patterns that can be applied on a firewall rule basis for maximum performance and protection.		
34	Appliance should support 802.3ad interface link aggregation.		
35	Solution should have the ability to set user-based traffic quotas on upload/download or total traffic and cyclical or non-cyclical.		
36	Solution should have zero-impact re-routing maintains application sessions when link performance falls below thresholds and a transition is made to a better performing WAN link.		
37	Solution should have SD-WAN load balancing across multiple SD-WAN links with round-robin weighting or session persistence strategies.		
38	Solution should include 3 year subscription of NGFW-IPS-Gateway Anti Virus-Zero Day Protection- Sandbox-ATP, Web Filtering, Application Filtering, VPN and two-factor authentication provision for users.		
39	OEM/Equipment should have TEC/MTCTE cerification		
40	Firewall should have 3 year licenses, advanced replacement warranty & 24/7 OEM online support.		
41	OEM should have sales and support office in India.		
42	OEM should have India based support and warranty RMA centre.		
43	OEM Support Escalation Matrix to be attached in bid.		
44	CA audited turnover sheet of OEM to be attached.		
45	OEM should be SOC2 Type2 certified.		
46	OEM should be ISO 27001:2022 certified		

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The following are the technical parameters for the AP Indoor Sheet -2			Make & Model	Compliance Y/N
Wireless Access Point Specifications				
S.N	Specification	Bid Requirement (Allowed Values)		
1	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac (Wave-2)		
2	Antennas	2 dual band internal antennas		
3		2.4GHz, gain 3dBi		
4		5 GHz, gain 4dBi		
5	Wi-Fi Data Rates	IEEE 802.11ac: 6.5 Mbps to 867 Mbps		
6		IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps		
7		IEEE 802.11n: 6.5Mbps to 300Mbps; 400Mbps with 256-QAM on 2.4Ghz		
8		IEEE 802.11b: 1, 2, 5.5, 11 Mbps		
9		IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps		
10		*Actual throughput may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment and mix of devices in the network		
11	Frequency Bands	2.4 GHz Radio: 2412 – 2484 MHz		
12		5 GHz Radio: 5180-5825 MHz		
13	Channel Bandwidth	2.4G: 20 and 40 MHz		
14		5G: 20,40 and 80 MHz		
15	Wi-Fi and System Security	WEP, WPA/WPA2-PSK, WPA/WPA2 Enterprise (TKIP/AES), anti-hacking secure boot and critical data/control lockdown via digital signatures, unique security certificate and random default password per device		
16	MIMO	2x2:2 2.4GHz (MIMO)		
17		2x2:2 5GHz (MU-MIMO)		
18	Coverage Range	Up to 165 meters		
19		*coverage range can vary based on environment		
20	Maximum TX Power	2.4G:24dBm		
21		5G:22dBm		
22		*Maximum power varies by country, frequency band and MCS rate		
23	Receiver Sensitivity	2.4G		
24		802.11b: -96dBm@1Mbps, -88dBm@11Mbps; 802.11g: -93dBm @6Mbps, -75dBm@54Mbps; 802.11n 20MHz: -73dBm @MCS7; 802.11n 40MHz:-70dBm @MCS7		
25		5G		
26		802.11a: -92dBm @6Mbps, -74dBm @54Mbps; 802.11ac 20MHz: -67dBm@MCS8; 802.11ac: HT40:- 63dBm @MCS9; 802.11ac 80MHz: -59dBm @MCS9		
27	SSIDs	16 SSIDs total, 8 per radio (2.4 Ghz and 5 Ghz)		
28	Concurrent Clients	100+		
29	Network Interfaces	2 x autosensing 10/100/1000 Base-T Ethernet Ports		
30	Auxiliary Ports	1 x Reset Pinhole, 1 x Kensington lock		
31	Mounting	Indoor wall or ceiling mount, kits included		
32	LEDs	3 x tri-color LED for device tracking and status indication		
33	Network Protocols	IPv4, IPv6, 802.1Q, 802.1p, 802.1x, 802.11e/WMM		
34	QoS	802.11e/WMM, VLAN, TOS		
35	Network Management	Embedded controller can manage up to 50 local GWN APs		
36		GWN.Cloud offers a free cloud management platform for unlimited GWN APs		
37		GWN Manager offers premise-based software controller for up to 3,000 GWN APs		
38	Power and Green Energy Efficiency	PoE 802.3af/ 802.3at;		
39		Maximum Power Consumption:10.16W		
40	Environmental	Operation: 0°C to 40°C		
41		Storage: -10°C to 60°C		
42		Humidity: 10% to 90% Non-condensing		
43	Physical	Unit Dimension: 180.4mmx180.4mmx40.8mm; Unit Weight: 388.2g		
44		Entire Package Dimension: 228.5x220x79mm; Entire Package Weight: 719.3g		
45	Package Content	GWN7605 802.11ac Wireless AP, Mounting Kits, Quick Start Guide		
46	Compliance	FCC, CE, RCM, IC		

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The following are the technical parameters for the 24 Port PoE Switch Sheet -3				
S.NO	Particulars	Minimum Specifications	Model No. & Make	Compliance (Yes/No)
1	Network Protocols	IPv4, IPv6, IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1d, IEEE		
2	PoE Standards	IEEE 802.3af/at		
3	Gigabit Ethernet Ports	24		
4	Gigabit SFP Ports	4		
5	Console	1		
6	# of PoE Ports	24		
7	Integrated Power Supply	400W		
8	Max Output Power per PoE Port	30W		
9	Max Total PoE output Power	360W		
10	PoE Standards	IEEE 802.3af/at		
11	Auxiliary Ports	1x Reset Pinhole		
12	Forwarding Mode	Store-and-forward		
13	Total non-blocking throughput	28Gbps		
14	Switching capability	56Gbps		
15	Forwarding Rate	41.66Mpps		
16	Packet buffer	4.1Mb		
17	Network Latency	Avg<4μs		
18	Switching	<ul style="list-style-type: none"> •8K static, dynamic and filtering MAC addresses •4K VLANs, port-based VLAN, IEEE 802.1Q VLAN tagging, voice VLAN •VLAN virtual interface •GVRP (pending) •8 link aggregation groups •Spanning tree, 16 instances for STP/RSTP/MSTP 		
19	Multicast	IGMP Snooping, MLD Snooping, MVR		
20	QoS/ACL	<ul style="list-style-type: none"> •Auto detection and prioritization of voice/video/RTP/SIP/other latency-sensitive packets (pending) •Port priority •Priority mapping •Queue scheduling, including SP, WRR, WFQ, SP-WRR and SP-WFQ •Traffic shaping •Rate limit •1.5K ACL for Ethernet, IPv4 and IPv6 		
21	DHCP	DHCP server, DHCP relay, Option 82, 60,160 and 43		
22	Maintenance	CPU and memory monitoring, SNMP, RMON, LLDP&LLDP-MED, backup and restore, syslog, alert, diagnostics including Ping, Traceroute, port mirroring, UDLD(TBD) and copper test		
23	Security	<ul style="list-style-type: none"> •User hierarchical management and password protection, HTTPS, SSH, Telnet •802.1X authentication •AAA authentication including RADIUS, TACACS+ •Storm control •Port isolation, port security, sticky MAC •Filtering MAC address •IP source guard, DoS attack prevention, ARP inspection •DHCP Snooping •Loop protection including BPDU protection, root protection and loopback protection •Kensington Security Slot (Kensington Lock) support 		
24	LEDs	1x tri-color LED for device tracking and status indication, 28x green-color LEDs for data ports, 24x yellow-color LEDs for PoE ports	Signature of the Bidder	

The following are the technical parameters for the 24 Port PoE Swith Sheet -3				
S.N	Particulars	Minimum Specifications	Model No. & Make	Compliance (Yes/No)
25	Fan	2		
26	Environmental	Operation: 0°C to 45°C, humidity 10-90% RH(Non-condensing) Storage: -10°C to 60°C, humidity: 5% to 95%(Non-condensing)		
27	Dimensions	440mm(L)x200mm(W)x44mm(H)		
28	Unit Weight	3.3Kg		
29	Mounting	Desktop, Wall-Mount, or Rack-Mount(rack-mounting kits included)		
30	Package Content	1x Switch,1x 1.2m(10A) AC Cable,8x screws,1x Ground Cable,4x Rubber Feet 1x Quick Installation Guide,1x Power Cord Anti-Trip 2x Rack Mounting Kits		
31	Compliance	FCC, CE, RCM, IC, UKCA		

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Technical specification for 1G SFP Module Sheet-4			
S. No	Technical Specifications	Model No. & Make	Compliance Y/N
	Single mode SFP module		
1	1000BASE-LX Single Mode SFP Transceiver with Duplex LC Connector		
2	Atleast 10Km distance support on single mode fiber interface		
3	IEEE 802.3z Gigabit ethernet compliant		
4	Hot pluggible & compliant with multi-source agreement (MSA)		
5	Should be same make as switches.		

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Technical Specifications CAT6 Cable Table -5				
S.NO	Particulars	Minimum Specifications	Make & Model	Compliance (Yes/No)
1	FEATURES	Unshielded Twisted Pair, Category6, TIA / EIA 568-C.2: (UL certificate should be submitted for CM rating) 23 AWG solid bare copper conductor		
2		HDPE insulation CM rated jacket as per IEC 60332-1		
3		Cross- member/ fluted member pair separator, ETL or 3P tested for TIA/EIA-568C.2, 3P, (ETL report should be submitted)		
4		minus 20 Deg. C to +60 Deg. C Operating temperature, Frequency tested up to Minimum 250 MHz		
5		Box of 305 meters Packing, 45ns MAX. Delay Skew, 100 Ohms + /- 15 ohms for 1 to 250 MHz		
6		Impedance, Pair- to- pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR Performance characteristics to be provided		
7		Attenuation(dB/100m) - 32.8MAX. At 250MHz		

Signature of the Bidder

Technical Specifications of 6 Port LIU Table 6				
S.NO	Particulars	Minimum Specifications	Make & Model No.	Compliance (Yes/No)
1	Features	WR 6-12 fibre management enclosure that can be used as a wall mount enclosure for isolated applications or rack mount enclosure for integrated applications.		
2		1U panel can be mounted flush or recessed in 19" cabinet / wall rack accommodation with optional rack mount ears.		
3		Management rings within the system to accommodate excess fibre cordage behind the through adapters and maintain fibre bend radius		
4		Removable lid also affords protection to the interfacing patch cords. Lid is fixed with screws. Rugged steel construction in graphite finish.		
5		Material: - Powder coated CRS-Cold Rolled Steel Body. Dual Support - Rack or Wall Mountable		
6		Fiber Panel should accommodate with SC Duplex Couplers		
7		Removable Lid also affords protection to the interface patch cords and Contains management rings to accommodate excess fiber cordage and maintain bend radius		
8		Adhesive labeling for easy port identification		
9		Dimension:-Wall Mount 305mm W x 254mm D x 43mm H		
		Rack Mount 482mm W x 254mm D x 43mm H		
10		Dimension:-Wall Mount 430mm W x 254mm D x 43mm H		
		Rack Mount 482mm W x 254mm D x 43mm H		
11		SC Duplex Single Mode Couplers. Standard: - NTT-SC and Bellcore 326 Compliant Connectors standards Meets TIA/EIA 568-B.3 and IEC 874-109 standards		
12	Pigtails: - SC LSZH Jacket - Reduces toxic / corrosive. Length: - 1.5 Mtrs			
	Commercial Standards			
	ISO/IEC 1108:2008. ANSI/TIA/EIA-568-C.3, EIA 492, Telecordia GR-409, ICEA-596, OS2-STD ITU-T-G652 D			
	LSOH* IEC 61034-1&2, IEC-60332-1 IEC 60754-1&2 standards			
13	ROHS Compliant			

Signature of the Bidder

Technical Specifications of Fiber Patch Cord Sheet 7

S.NO	Particulars	Minimum Specifications	Make & Model No.	Compliance (Yes/No)
1	Features	Type of connectors: - SC or LC LSOH Jacket - Reduces toxic / corrosive. Length: - Minimum 2 Meters		
2		Insertion Loss: - Less than 0.35dB per connector Attenuation: - 0.4dB/km over 1310nm to 1625nm Jacket colour: - Industry Standard Colour - OS1-Yellow Type:-SC to LC Duplex Fiber Optic Patch Cord 9/125 Micron		
3		Cable Sheath: - LSZH Cable Diameter: - 1.6mm Ceramic ferrule tight buffered. Strength member: - Aramid yarn		
4		Jacket Material: LSOH IEC 61034-1 & 2, IEC-60332-1, IEC-60754- 1 & 2		
5		Temperature Range: -40°C to +85°C		
6		Buffer Diameter: 900µm Primary Coating: 245µm		

Technical Specifications of Fiber Patch Cord Sheet 8

S.NO	Particulars	Minimum Specifications	Make & Model No.	Compliance (Yes/No)
1	Features	Type of connectors: - SC or LC LSOH Jacket - Reduces toxic / corrosive. Length: - Minimum 2 Meters		
2		Insertion Loss: - Less than 0.35dB per connector Attenuation: - 0.4dB/km over 1310nm to 1625nm Jacket colour: - Industry Standard Colour - OS1-Yellow Type:-SC to LC Duplex Fiber Optic Patch Cord 9/125 Micron		
3		Cable Sheath: - LSZH Cable Diameter: - 1.6mm Ceramic ferrule tight buffered. Strength member: - Aramid yarn		
4		Jacket Material: LSOH IEC 61034-1 & 2, IEC-60332-1, IEC-60754- 1 & 2		
5		Temperature Range: -40°C to +85°C		
6		Buffer Diameter: 900µm Primary Coating: 245µm		

Signature of the Bidder

UPS Online Technical Specifications of Fiber Patch Cord Sheet 9

S.N O	Particulars	Minimum Specifications	Make & Model No.	Compliance (Yes/No)
	Capacity: 1 kVA/900 W			
1	INPUT:			
	Rated Voltage: 208/220/230/240 Vac			
	Voltage range: 110~176 Vac (linear derating between 50% and 100% load) 176~280 Vac (no derating); 280~300 Vac (derating 50%)			
	Frequency: 40~70 Hz (auto-sensing)			
	Power Factor: ≥0.99			
	Bypass voltage range: -25%~+15% (settab)			
	Total harmonic distortion (THDi) ≤6%			
2	OUTPUT:			
	Voltage: 208/220/230/240 Vac (settable via LCD)			
	Voltage regulation: +1%			
	Frequency: 40~55 Hz or 55~65 Hz (Synchronized range); 50/60 Hz +0.1 Hz (Battery mode)			
	Waveform: Sinusoidal			
	Power Factor: 0.9			
	Total harmonic distortion (THDv) ≤ 2% (linear load), ≤5% non-linear load)			
	Crest factor: 3:1			
	Overload: 105%~125% for 1 min, 125%~150% for 30 s, >150% for 30s, >150% for 300 ms			
3	BATTERIES:			
	DC voltage: 24V 36V			
	Inbuilt battery : 2*7 Ah 3*7 Ah			
	Recharge time: Standard model: 90% capacity restored in 3 hours; Long time model: depend on the capacity of battery			
4	SYSTEM			
	Efficiency: ≥90% (Mains mode)			
	≥ 85% (Battery mode)			
	≥95% (ECO mode)			
	Transfer time: Mains mode to battery mode:0ms ;Inverter mode to bypass mode: 4ms(typical)			

Signature of the Bidder

6F OFC cable Specifications Table 10				
S.NO	Particulars	Minimum Specifications	Make & Model No.	Compliance (Yes/No)
1	Strength Member	Two FRP or Steel Wire - 0.8 mm		
2	Fiber	Single Mode fibre - Any Colour		
3	Loose Tube (Any Colour)	Polybutylene Teraphthalate (PBT) filled with Thixotropic Jelly		
4	Outer Sheath	HDPE Black		
5	Overall cable diameter	5.8 +/- 0.5mm		
6	Attenuation	@ 1310nm - < 0.40 dB / Km		
		@ 1550nm - < 0.30 dB / Km		
7	Chromatic dispersion	@ 1550nm - < 18 ps / nm.Km		
8	Mode field diameter	9.3 +/- 0.5 um		
9	Fibre geometry	Clad diameter - 125 +/- 1 um		
		Clad NC - < 1%		

Signature of the Bidder

SECTION-4 Part A
GENERAL INSTRUCTIONS TO BIDDERS (GIB)

1. DEFINITIONS

- 1.1 "The Purchaser" means the Bharat Sanchar Nigam Ltd. (BSNL), Bikaner (RAJ.).
- 1.2 "The Bidder" means the Company. Individual or firm who participates in this tender and submits its bid.
- 1.3 "The Supplier" or "The Vendor" or **System Integrator** means the individual or firm awarded the contract.
- 1.4 "The Services" means UTM, Wi-Fi Access Point, Switch, Cat-6 cable etc.
- 1.5 "The Advance Work Order" or "Letter of Intent" means the intention of Purchaser to place the Work Order on the bidder.
- 1.6 "The Work Order" means the order placed by the Purchaser on the Supplier signed by the Purchaser including all attachments and appendices thereto and all documents incorporated by reference therein. The Work order shall be deemed as "Contract" appearing in the document.
- 1.7 "The Contract Price" means the price payable to the Supplier under the Work order for the full and proper performance of its contractual obligations.
- 1.8 "Successful Bidder (s)" means the bidder(s) to whom work in this tender is awarded
- 1.9 "SSA" means Secondary Switching Areas defined by BSNL (generally comprising of one or more revenue districts).
- 1.10 "BA" means Business Area comprising of one or more SSA's
- 1.11 "EB" means Enterprises Business.
- 1.12 "S.I." System Integrator.

2. ELIGIBILITY CONDITIONS:

- 2.1 Kindly refer to Clause 4 of Section-1 i.e. detailed NIT.
- 2.2. The Bidder must furnish the documentary evidence to meet the eligibility conditions laid down in general, technical, and financial qualification criteria.

3 COST OF BIDDING

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

4 DOCUMENTS REQUIRED

- 4.1 The detailed list of services required to be provided by the bidder, bidding procedures and contract terms and conditions are prescribed in the Bid Documents. The contents of the Bid documents are specified in the covering letter.
- 4.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bid Documents and clarifications/ amendments/ addenda, if any. Failure to furnish all information required as per the Bid Documents or submission of the bids not substantially responsive to the Bid Documents in every respect will be at the bidder's risk and may result in rejection of the bid.

5. CLARIFICATION OF BID DOCUMENTS

- 5.1 A prospective bidder, requiring any clarification on the Bid Documents shall notify BSNL in writing by Fax & by Email (both) to tender inviting authority as indicated in the invitation of Bid. BSNL shall respond in writing to any request for the clarification of the Bid Documents, which it

Signature of the Bidder

receives latest up to 7 days from issue of NIT Copies of the query (without identifying the source) and clarifications by BSNL shall be sent to all the prospective bidders who have received the bid documents. (Format for submission of queries in Excel sheet only)

5.2 Any clarification issued by BSNL in response to query rose by prospective bidders shall form an integral part of bid documents and shall amount to an amendment of the relevant Clauses of the bid documents.

6 AMENDMENT OF BID DOCUMENTS

6.1 BSNL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify bid documents by amendments prior to the date of submission of Bids with due notification to prospective bidders.

6.2 The amendments shall be notified in writing by Fax or Email or by Addendum through e-tendering portal to all prospective bidders on the address intimated at the time of purchase of the bid document from BSNL and these amendments will be binding on them.

6.3 In order to afford prospective bidders a reasonable time to take the amendment into account in preparing their bids, BSNL may, at its discretion, extend the deadline for the submission of bids suitably.

7 DOCUMENTS COMPRISING THE BID

The bid prepared by the bidder shall ensure availability of the following components:

- a) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted in accordance with the **Clause 2 & 10**.
- b) EMD/Bid Security furnished in accordance with **Clause 12**.
- c) A Bid form and price schedule completed in accordance with **Clause 8**.

8 BID FORM

8.1 The bidder shall complete the bid form and appropriate Price Schedule furnished in the Bid Documents, indicating the services to be provided along with the prices as per Section- 9

9. **BID PRICES – Not applicable**

10. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION -

10.1. The bidder shall furnish, as part of the bid documents establishing the bidder's eligibility, the following documents **or whichever is required as per eligibility terms and conditions of Bid Documents.**

- a) Additional documents to establish the eligibility and qualification of bidder as specified in Section-1.
- b) Power of Attorney as per Clause 14.3 (a) and (d) of this Section and authorization for executing the power of Attorney as per Clause 14.3 (b) or (c) of this Section.
- c) Documentary proof of GST registration. If the bidder is not registered with GST authority at the time of bid submission, then he shall have to submit GST registration at the time of award of work/ Lol/signing of contract, if declared successful.
- d) Certificates from all Directors/ Partners of the bidder Company/firm stating that none of their near relatives are working in BSNL in accordance with Clause 33 of this Section.
- e) Certificate of incorporation / Registration
- f) Article or Memorandum of Association or partnership deed or proprietorship deed as the case may be. List of all Directors including their name(s), Director Identification Number(s) (DIN) and

Signature of the Bidder

address(es) along with contact telephone numbers of office and residence.

10.2 Documentary evidence for financial and technical capability.

- (a) The bidders shall submit necessary documentary proof showing that they meet the eligibility criteria along with their TENDER bid. All documents submitted shall also be self-attested by the bidder.

11.0 DOCUMENTS ESTABLISHING SERVICES' CONFORMITY TO BID DOCUMENTS

11.1 Pursuant to Clause 7 of this Section, the bidder shall furnish, as part of its bid, documents establishing the conformity of its bid to the Bid Documents of all services which he proposes to supply under the contract.

11.2 The documentary evidences of the "services" conformity to the Bid Documents may be, in the form of literature, drawings, data etc. and the bidder shall furnish:

- (a) A Clause-by-Clause compliance on the Purchaser's Job Specifications and Commercial Conditions demonstrating substantial responsiveness to the Job Specifications and Commercial Conditions. In case of deviations, a statement of the deviations and exception to the provision of the Job Specifications and Commercial Conditions shall be given by the bidder. A bid without Clause-by-Clause compliance of the Scope of Work, General (Commercial) Conditions & Special (Commercial) Conditions, General Conditions (**Section-5 Part A, B**) shall not be considered.

12. BID SECURITY / EMD

12.1 The bidder shall furnish, as part of its bid, a bid security as mentioned in Section-1 (DNIT).

12.2 The bid security is required to protect BSNL against the risk of bidder's conduct, which would warrant the forfeiture of bid security pursuant to Para 12.6.

12.3 A bid not secured in accordance with Para 12.1 and 12.2 shall be rejected by BSNL being non-responsive at the bid opening stage and archived unopened on e-tender portal for e-tenders and returned to the bidder unopened(for manual bidding process)

12.4 The bid security of the unsuccessful bidder will be discharged/ returned as promptly as possible **after** the finalization of the tender or expiry of the period of the bid validity period prescribed by BSNL pursuant to Clause 13.

12.5 The successful bidder's bid security will be discharged upon the bidder's acceptance of the advance work order satisfactorily in accordance with Clause 27 and furnishing the performance security, except in case of L-1 bidder, whose EMBG/EMD shall be released only after the finalization of ordering of complete tendered quantity/sites in pursuance to Clause no. 24 & 27 of this Section.

12.6 The bid security may be forfeited:

- a) If the bidder withdraws or amends its bid or impairs or derogates from the bid in any respect during the period of bid validity specified by the bidder in the bid form or extended subsequently; or
- b) If the bidder does not accept the AWO and/ or does not submit Performance Security, PBG.

Signature of the Bidder

13. PERIOD OF VALIDITY OF BIDS

- 13.1 Bid shall remain valid for period specified in Clause 2 of Tender Information. A bid valid for a shorter period and if on pointing out by BSNL for same, the bidder does not undertake to make his bid valid for required duration, then the bid shall be rejected by BSNL and treated as non-responsive.
- 13.2 In exceptional circumstances, BSNL may request the consent of the bidder for an extension to the period of bid validity. The request and the response thereto shall be made in writing. The bid security provided under Clause 12 shall also be suitably extended. The bidder may refuse the aforesaid request without risk of forfeiture of its bid security. A bidder accepting the request and granting extension will not be permitted to modify its bid.

14. FORMAT AND SIGNING OF BID

- 14.1 The bidder shall submit his bid online, complying all eligibility conditions, other terms and conditions of tender document to be read along with the clarifications and amendments issued in this respect. All the documents must be authenticated, by hand/Digital signatures by the authorized person and then uploaded on e-tender portal. The letter of authorization shall be indicated by written power-of-attorney accompanying the bid.
- 14.2 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be signed by the person or persons signing the bid. All pages of the original bid, except for un-amended printed literatures, shall be manually signed by the person or persons signing the bid.
- 14.3 **Power of Attorney**
- The power of Attorney should be submitted and executed on the non-judicial stamp paper of appropriate value as prevailing in the concerned states(s) and the same be attested by a Notary public or registered before Sub-registrar of the state(s) concerned.
 - The power of Attorney be executed by a person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the Company/ institution/ Body corporate.
 - In case of the bidder being a firm, the said Power of Attorney should be executed by all the partner(s) in favour of the said Attorney.
 - In case, authorized signatory of the bid (i.e. PoA holder) is different than the person who submits the online bids using digital signatures certificate (DSC), then the power of Attorney should also include the name of this person submitting online bids on e-tender portal.

15. SEALING AND MARKING OF BIDS

- 15.1 The bid should be submitted as per Clause 3 of tender information.
- 15.1.1 The bids are being called under Single Stage Bidding & Two stage opening using two Envelope System.
The details of sealing & marking of bids in each case is given below:
- 15.1.2 In Single stage bidding & single envelope system, the bidder shall submit all the documents specified for Techno-commercial bid & Financial bid in a single envelope - **Not applicable for this tender.**
- 15.1.3 In Single stage bidding & two envelopes system the bidder shall submit his bid online in two electronic envelopes; (Refer Section-4 Part C)
The First envelope will be named as Techno-commercial bid. This envelope will contain

Signature of the Bidder

documents of bidder's satisfying the eligibility / Technical & commercial conditions as per Clause 2 & 10 with Bid Security as per Clause 12. Second envelope will be named as Financial bid containing Price Schedules as per Section 9 Part B.

- 15.2 a) the offline envelope shall be addressed to the purchaser inviting the tender:

*AGM (EB), O/o GM BA,
Bharat Sanchar Nigam Limited, Bikaner-334001(Raj.)*

- b) The offline envelope shall bear the name of the tender, the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).
- c) The inner and outer offline envelopes (in case of manual tendering process) shall indicate the name and complete postal address of the bidder to enable the purchaser to return the bid unopened in case it is declared to be received 'late'.
- d) Offline envelope should be deposited in the tender box provided by tendering authority or sent by registered post or delivered in person on above mentioned address (address is given in Clause 15.2 (a) above). The responsibility for ensuring that the tenders are delivered in time, would vest with the bidder.
- e) Bids delivered in person on the day of tender opening shall be delivered upto specified time & date as stated in NIT toBSNL,..... at the venue (address is given in Clause 15.2 (a) above). The purchaser shall not be responsible if the bids are delivered elsewhere.
- f) Venue of Tender Opening: at specified time & date as stated in NIT.

If due to administrative reasons, the venue of Bid opening is changed, it will be displayed prominently on BSNL website, e-tender portal (as the case may be).

- 15.3 If both the envelopes are not submitted as required at para 15.1 and 15.2, the bid shall be rejected.

16. SUBMISSION OF BIDS

- 16.1** Duly signed bids must be submitted online only by the bidders, on or before the specified date & time indicated in Clause 6 of Section-I i.e. DNIT.
- 16.2** Price Sechedule/Financial Bid as mentioned in Section – 9 Part – B should be filled duly in figures as well as in words, to quote the bid prices.
- 16.3** BSNL may, at its discretion, extend this deadline for the submission of bids by amending the Bid Documents in accordance with Clause 6 in which case all rights and obligations of BSNL and bidders previously subject to the deadline will thereafter be subjected to the extended deadline.

17. LATE BIDS

- 17.1** No bid shall be accepted after the specified deadline for submission of bids prescribed by BSNL.

18. MODIFICATION AND WITHDRAWAL OF BIDS

- 18.1** the bidder may modify, revise or withdraw his bid after submission prior to deadline prescribed for submission of bid.
- 18.2** The bidder's modification, revision or withdrawal shall have to be online and digitally

Signature of the Bidder

authenticated (in case of e-tendering) & physically (in case of manual bidding process) as per Clause 15.

18.3 Subject to Clause 20, no bid shall be modified subsequent to the deadline for submission of bids.

19. OPENING OF BIDS BY BSNL

19.1 BSNL shall open bids online (in case of e-Tenders) in the presence of the authorized representatives of bidders online who chose to attend, at time & date specified in Clause 7 of DNIT(Section-1) on due date.

19.2 The bidder's representatives, who are present, shall sign in an attendance register. Authority letter to this effect shall be submitted by the authorized representatives of bidders before they are allowed to participate in bid opening (A Format is given in enclosed in Section-7 C).

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

19.4 Name of envelopes to be opened & information to be read out by Bid Opening Committee

(i) In Single stage bidding & single stage Opening (single envelope) system; techno-commercial bid & financial Bid will be opened on the date of tender opening given in NIT-
(Not Applicable for this tender)

(ii) **In Single stage bidding & two envelopes** system, the bids will be opened in 2 stages i.e. the techno-commercial bid shall be opened on the date of tender opening given in NIT. The financial bid will not be opened on the Date of opening of techno commercial bids in this case & sealed financial bids will be handed over to AGM (Planning), O/o GM BA, Bikaner (Raj.)

(iii) Thereafter the **TEC** will evaluate Techno-commercial bids & the report of **TEC** will be approved by competent authority.

The financial bids of those bidders, who are approved to be techno-commercially compliant by the competent authority, will be opened by TOC in front of techno-commercially eligible bidders/authorized representatives, by sending them a suitable notice.

(iv) The following information should be read out at the time of Techno-commercial bid opening:-

- a) Name of the Bidder
- b) Name of the item
- c) EMD amount & validity and acceptability
- d) Information in respect of eligibility of the bidder.
- e) Details of bid modification/ withdrawal, if applicable.

(v) The following information should be read out at the time of Financial bid opening:-

- a) Name of the Bidder
- b) Name of the item
- c) Prices quoted in the bid
- d) Discount, if offered
- e) Taxes & levies

(Information as per electronic forms shall be populated as comparison chart on e-tender system and no information shall be read out)

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

Signature of the Bidder

20. CLARIFICATION OF BIDS

- 20.1 To assist in the examination, evaluation and comparison of bids, BSNL may, at its discretion ask the bidder for the clarification of its bid. The request for the clarification and the response shall be in writing. However, no post bid clarification at the initiative of the bidder shall be entertained.
- 20.2 If any of the documents, required to be submitted along with the technical bid is found wanting, the offer is liable to be rejected at that stage. However BSNL at its discretion may call for any clarification regarding the bid document within a stipulated time period. In case of non-compliance to such queries, the bid will be out rightly rejected without entertaining further correspondence in this regard.

21. PRELIMINARY EVALUATION

- 21.1 BSNL shall evaluate the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order.
- 21.2 Arithmetical errors shall be rectified on the following basis. Based on the quoted percentage of taxes, etc. the amounts quoted thereof shall be worked out and rounded off to 2 decimal points.
- 21.3 If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of the errors, its bid shall be rejected.
- 21.4 Prior to the detailed evaluation pursuant to Clause 21, BSNL will determine the substantial responsiveness of each bid to the Bid Document. For purposes of these Clauses, a substantially responsive bid is one which confirms to all the terms and conditions of the Bid Documents without material deviations. BSNL's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.
- 21.5 A bid, determined as substantially non-responsive will be rejected by BSNL and shall not subsequent to the bid opening be made responsive by the bidder by correction of the non-conformity.
- 21.6 BSNL may waive any minor infirmity or non-conformity or irregularity in a bid which doesn't constitute a material deviation, provided such waiver doesn't prejudice or affect the relative ranking of any bidder.

22. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS -

- 22.1 The BSNL shall evaluate in detail and compare the bids previously determined to be substantially responsive pursuant to clause 21.
- 22.2 The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices of the services offered excluding GST, as per the price schedule in the Section -9 Part B of the Bid Document after arithmetical correction in the manner laid down in clause 21.2 above.
- 22.3 Vendors should furnish the correct HSN/SAC in the price Schedule. If the supplier fails to furnish necessary supporting documents i.e. GST invoices etc. in respect of the Duties/taxes for which ITC is available to BSNL, the amount pertaining to such Duties/Taxes will be deducted from the payment due to the firm.

23. CONTACTING BSNL

- 23.1 Subject to Clause 20, no bidder shall try to influence BSNL on any matter relating to its bid, from the time of the bid opening till the time the contract is awarded.
- 23.2 Any effort by a bidder to modify its bid or influence BSNL in BSNL's bid evaluation, bid comparison or contract award decision shall result in the rejection of the bid.

Signature of the Bidder

24. PLACEMENT OF ORDER

- 24.1 BSNL shall consider placement of orders on those eligible bidders whose offers have been found technically, commercially and financially acceptable and whose Services have been approved / validated by the Purchaser. The Purchaser reserves the right to counter offer price(s) against price(s) quoted by any bidder.
- 24.2 **Allocation of Work of Network Integration and Supply:** The allocation of Work to SI will be in accordance to the clause 2.6 & 2.7 of BSNL's EMPANELMENT OF SYSTEM INTEGRATORS (SI) Policy. The SI who makes all efforts in On-boarding the customer will be extended all out support. But it is also a fact that most of the business on nomination comes out of customer's faith in the fair and transparent policies of BSNL. It becomes more important when the end customer is Government or its subsidiary and awards work to BSNL on nomination basis, BSNL itself being a Govt. Company. So, with a larger business interest in view, the prevalent practice of exploring best rates from empanelled vendors/SIs by the Circle Standing Committee should continue. However, the efforts of SI will not be undermined in bringing the customer on board and doing continuous visits presentations and perusals at different levels and to appreciate the same and in order to give an edge such SIs (Incumbent SI), who nurtured the business, will be given a choice if he can meet the competition by way of providing "First Right of Refusal" at the L1 rates, determined by existing sealed Quotation method from the eligible sources. (i) In case the incumbent SI is non L1 and chooses not to accept L1 rates, the L1 SI/Vendor has to work on his quoted rates. In case L1 SI/Vendor refuses to work, then he shall be debarred for one year to participate in tender from date of refusal, along with other penal actions under empanelment. (ii) The genuineness of rates however would continue to be vouched by the Circle Standing Committee.
- 24.3 In case of any issue, query or dispute, the final decision will be taken as per the BSNL's EMPANELMENT OF SYSTEM INTEGRATORS (SI) Policy.

25. PURCHASER'S RIGHT TO VARY QUANTITIES

- 25.1. BSNL at the time of award of work under the contract, reserves the right to decrease or increase the work as mentioned in Section – 3 Scope of work at its discretion without any change in the rates or other terms and conditions.
- 25.2. The decision of GM BA, Bikaner on any matter connected to this tender is final binding.

26. BSNL's RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

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

27. **SIGNING OF CONTRACT :**The issue of Purchase Order (PO) shall constitute the award of contract/rates acceptance on the bidder.
- 27.1 Upon the successful bidder furnishing performance security pursuant to Clause 27 of this Section, the Purchaser shall discharge the bid security in pursuant to Clause 12 of this Section, except in case of L-1 bidder, whose EMBG / EMD shall be released only after finalization of ordering of complete tendered quantity in pursuance to Clause nos. 24 & 27 of this Section.

28. ANNULMENT OF AWARD

Failure of the successful bidder to comply with the requirement of Clause 27 & 28 shall constitute sufficient ground for the annulment of the award and the forfeiture of the bid security in which event the BSNL may make the award to any other bidder on its discretion or call for new bids.

29. REJECTION OF BIDS

- 29.1 While all the conditions specified in the Bid documents are critical and are to be complied,

Signature of the Bidder

special attention of bidder is invited to the following Clauses of the bid documents. Non-compliance of any one of these shall result in outright rejection of the bid.

- a) Clauses 12.1 & 13.1 of Section- 4 Part A: The bids will be rejected at opening stage if Bid security is not submitted as per Clause 12.1 and bid validity is less than the period prescribed in Clause 13.1 mentioned above.
- b) Clause 2 & 10 of Section-4Part A: If the eligibility condition as per Clause 2 of Section 4 Part A is not met and/ or documents prescribed to establish the eligibility as per Clause 10 of Section 4 Part A are not enclosed, the bids will be rejected without further evaluation.
- c) Clause 11.2 (c) of Section-4 Part A: If Clause-by-Clause compliance as well as deviation statements as prescribed are not given, the bid will be rejected at the stage of primary evaluation.– This Clause is Not Applicable
- d) While giving compliance to Section-5 Part A, General Commercial conditions, Section-4 Part B, Special Instructions to Bidders, Section-5B Special (Commercial) Conditions of Contract and Section-3 Technical Specifications ambiguous words like "Noted", "Understood", "Noted & Understood" shall not be accepted as complied. Mere "Complied" will also be not sufficient, reference to the enclosed documents showing compliances must be given.
- e) Section-9 Price Schedule: Prices are not filled in as prescribed in price schedule.

29.2 Before outright rejection of the Bid by Bid-opening team for non-compliance of any of the provisions mentioned in Clause 31.1(a), 31.1(b) of Section-4 Part A, the bidder company is given opportunity to explain their position, however if the person representing the company is not satisfied with the decision of the Bid opening team, he/they can submit the representation to the Bid opening team immediately but in no case after closing of the tender process with full justification quoting specifically the violation of tender condition if any.

29.3 Bid opening team will not return the bids submitted by the bidders on the date of tender opening even if it is liable for rejection and will preserve the bids in sealed cover as submitted by taking the signatures of some of the desirous representatives of the participating bidder/companies present on the occasion.

29.4 The in-charge of Bid opening team will mention the number of bids with the name of the company found unsuitable for further processing on the date of tender opening and number of representations received in Bid opening Minutes and if Bid opening team is satisfied with the argument of the bidder/company mentioned in their representation and feel that there is prima-facie fact for consideration, the in-charge of the bid opening team will submit the case for review to Officer competent to approve the tender as early as possible preferably on next working day and decision to this effect should be communicated to the bidder company within a week positively. Bids found liable for rejection and kept preserved on the date of tender opening will be returned to the bidders after issue of work order against the instant tender.

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

30. ACTION BY PURCHASER AGAINST BIDDER(S)/ VENDOR(S) IN CASE OF DEFAULT.

As per Appendix-1 to Section 4 Part A.

31. VERIFICATION OF DOCUMENTS AND CERTIFICATES

The bidder will ensure that all the documents and certificates, including experience/ performance and self-certificates submitted by him are correct and genuine before enclosing

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them in the bid. The onus of proving genuineness of the submitted documents would rest with the bidder.

If any document/ paper/ certificate submitted by the participant bidder is found / discovered to be false / fabricated / tempered / manipulated either during bid evaluation or during award of contract or thereafter, then BSNL will take action as per Clause-1 of Appendix-1 of this Section.

Note for Tender opening Committee:

- At the time of tender opening, the TOC will check/ verify that the documents conforming to eligibility part are submitted by the participant bidder duly authenticated by the authorized signatory to obviate any possibility of doubt and dispute and maintain veracity of the documents / papers/ certificates.
- The documents/ papers to be submitted in respective bid part have been explicitly stated in Clause-7 of Section-4 Part A.
- This opened bid part which is already signed by the authorized representative of the bidder company during bid submission will be signed by the tender opening committee on hard copy and preserve it along with the bids received online in case of e-tendering.
 - These papers will be treated as authentic one, in case of any dispute.

32. Security Clause as per latest guidelines and requirement –

Mandatory Licensing requirements with regards to security related concerns issued by the Government of India from time-to-time shall be strictly followed and appropriate Clauses shall be added in all bid documents. Necessary guidelines in this regard shall be issued separately.

Appendix-1 to Section 4 Part A

S. No.	Defaults of the bidder / vendor.	Action to be taken
A	B	C
1(a)	Submitting fake / forged a) Bank Instruments with the bid to meet terms & condition of tender in respect of tender fee and/ or EMD. b) Certificate for claiming exemption in respect of tender fee and/ or EMD; and detection of default at any stage from receipt of bids till award of AWO/ issue of WO.	i) Rejection of tender bid of respective Vendor. ii) Banning of business for 3 years which implies barring further dealing with the bidder for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order. iii) Termination/ Short Closure of WO, if issued. This implies non-acceptance of further work & services except to make the already received complete work in hand.
	Note 1:- However, in this case the performance guarantee if alright will not be forfeited.	
	Note 2:- Payment for already received completed work shall be made as per terms & conditions of WO.	
1(b)	Submitting fake / forged documents towards meeting eligibility criteria such as experience capability, supply proof, registration with GST, Income Tax departments etc and as supporting documents towards other terms & conditions with the bid to meet terms & condition of tender :	

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(i) If detection of default is prior to award of AWO	i) Rejection of Bid & ii) Forfeiture of EMD.
(ii) If detection of default after issue of AWO but before receipt of PG/ SD (DD,BG etc.)	i) Cancellation of AWO, ii) Rejection of Bid & iii) Forfeiture of EMD.

S. No.	Defaults of the bidder / vendor.	Action to be taken
1(b) cont d.	(iii) If detection of default after receipt of PG/ SD (DD,BG etc.) .	i) Cancellation of AWO ii) Rejection of Bid & iii) Forfeiture of PG/ SD. However on realization of PG/ SD amount, EMD, if not already released shall be returned.
	(iv) If detection of default after issue of WO	i) Termination/ Short Closure of WO and Cancellation of AWO ii) Rejection of Bid & iii) Forfeiture of PG/ SD. However on realization of PG/ SD amount, EMD, if not released shall be returned.
Note 3:- However, settle bills for the services received if pending items do not affect working or use of supplied items.		
Note 4:- No further supplies are to be accepted except that required to make the already supplied items work.		
2	If vendor or his representative uses violent/ coercive means viz. Physical / Verbal means to threatens BSNL Executive / employees and/ or obstruct him from functioning in discharge of his duties & responsibilities for the following :	Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.
	a) Obstructing functioning of tender opening executives of BSNL in receipt/ opening of tender bids from prospective Bidders, suppliers/ Contractors.	
	b) Obstructing/ Threatening other prospective bidders i.e. suppliers/ Contractors from entering the tender venue and/ or submitting their tender bid freely.	
3	Non-receipt of acceptance of AWO and SD/ PG by L-1 bidder within time period specified in AWO.	Forfeiture of EMD.

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4.1	Failure to execute the work at all even in extended delivery schedules, if granted against WO.	i) Termination of WO. ii) Under take work in accordance with Clause 15 Section 5B at the risk of defaulting bidder iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting Vendor.
4.2	Failure to execute the work in full even in extended delivery schedules, if granted against PO/ WO.	i) Short Closure of WO to the service already received by BSNL and/ or in pipeline provided ii) Under take work in accordance with Clause 15 Section 5B at the risk of defaulting bidder iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting bidder.
5.1	The site does not meet the Service Levels as mentioned in the WO/Contract.	Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD.
6	Submission of claims to BSNL against a contract	i) Recovery of over payment from the outstanding dues of Vendor including EMD/ PG & SD etc. and by invoking ' Set off ' Clause 21 of Section 5 Part A or by any other legal tenable manner. ii) Banning of Business for 3 years from date of issue of banning order or till the date of recovery of over payment in full, whichever is later.
	(a) for amount already paid by BSNL	
	c) for amount higher than that approved by BSNL for that service.	
Note 5:- The claims may be submitted with or without collusion of BSNL Executive/ employees.		
Note 6:- This penalty will be imposed irrespective of the fact that payment is disbursed by BSNL or not.		
7	b) Disrupts/ Sabotages functioning of the BSNL network equipments such as exchanges, BTS, BSC/ MSC, Control equipment including IN etc., transmission equipments but not limited to these elements and/ or any other TSP through BSNL.	iv) Legal action will be initiated by BSNL against the Vendor if required.
	c) tampers with the billing related data/ invoicing/ account of the Customer/ User(s) of BSNL and/ or any other TSP(s).	
	d) hacks the account of BSNL Customer for unauthorized use i.e. to threaten others/ spread improper news etc.	

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	e) undertakes any action that affects/ endangers the security of India.	
8	If the vendor is declared bankrupt or insolvent or its financial position has become unsound and in case of a limited company, if it is wound up or it is liquidated.	<p>i) Termination/ Short Closure of the WO. ii) Settle bills for the service received if pending work does not affect the working or use of the services received (iii) Under take work in accordance with Clause 15 Section 5B at the risk of defaulting bidder iv) In case of turnkey projects, If the services are provided without any degradation of performance, then settle bills for the acceptable service (or its part).</p>
		Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD.
9	In the event of the vendor, its proprietor, Director(s), partner(s) is / are convicted by a Court of Law following prosecution for offences involving moral turpitude in relation to the business dealings.	<p>i) Termination/ Short Closure of the WO. ii) Settle bills for the service received if pending work does not affect the working or use of the services received (iii) Under take work in accordance with Clause 15 Section 5B at the risk of defaulting bidder iv) In case of turnkey projects, If the services are provided without any degradation of performance, then settle bills for the acceptable service (or its part). Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD.</p>
10	If the vendor does not return/ refuses to return BSNL's dues:	i) Take action to appoint Arbitrator to adjudicate the dispute.
	a) in spite of order of Arbitrator.	<p>i) Termination of contract, if any. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL from date of issue of banning order or till the date by which vendor clears the BSNL's dues, whichever is later.</p>
10 con-td.		iii) Take legal recourse i.e. filing recovery suite in appropriate court.
	b) In spite of Court Orders.	<p>i) Termination of contract, if any. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL from date of issue of banning order or till the date by which vendor clears the BSNL's dues, whichever is later.</p>

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11	If the Central Bureau of Investigation/ Independent External Monitor (IEM) / Income Tax/ GST Authorities / Custom Departments recommends such a course	Take Action as per the directions of CBI or concerned department.
12	The following cases may also be considered for Banning of business:	i) Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.
	(a) If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation with respect to the contract in question.	
	(b) If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 & 4.2.	
	(c) If the vendor/ supplier fails to submit required documents/ information, where required.	
	(d) Any other ground which in the opinion of BSNL is just and proper to order for banning of business dealing with a vendor/ supplier.	
Note 7: The above penalties will be imposed provided it does not clash with the provision of the respective tender.		
Note 8:- In case of clash between these guidelines & provision of invited tender, the provision in the respective tender shall prevail over these guidelines.		
Note 9: Banning of Business dealing order shall not have any effect on the existing/ ongoing works which will continue along with settlement of Bills.		
Note: 10 The Vender Must take at most precaution to work's installation etc at girls Hostels etc		

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SECTION-4 Part B
SPECIAL INSTRUCTIONS TO BIDDERS (SIB)

The Special Instructions to Bidders shall supplement the 'Instructions to Bidders' and in case of any conflict with those in Section-4 Part A i.e. GENERAL INSTRUCTIONS TO BIDDERS (GIB), the provisions herein shall prevail.

1. Evaluation

1.1. The evaluation process comprises the following three (3) steps:

Step I: Fulfillment of requirements of Eligibility criteria, EMD and tender fee.

Step II: Evaluation of Bidder's fulfillment of Qualification Requirements as per Clause 4 Section 1 DNIT

Step III: Selection of Successful Bidder

1.2. Step I - Responsiveness check of Techno-Commercial Bids

1.2.1. The Techno-Commercial Bid submitted by Bidders shall be scrutinized to establish responsiveness to the requirements laid down in Clause 4 of DNIT

1.2.2. Any of the following may cause the Bid to be considered "Non-responsive", at the sole discretion of BSNL.

a. Bids that are incomplete i.e. not accompanied by any of the applicable formats inter alia covering letter, power of attorney supported by a board resolution as per Clause 5, format for disclosure, valid EMD;

b. Bid not signed by authorized signatory and / or stamped in the manner indicated in this Bid Document;

c. Material inconsistencies in the information/ documents submitted by the Bidder, affecting the Qualification Requirements;

d. Information not submitted in formats specified in the Bid Document

e. Bid not providing information/ document to satisfy Qualification Requirements;

f. Bidder not meeting the criteria mentioned in Clause 4 of Section 1 DNIT of this Document

g. A Bidder submitting more than one Bid for the same Cluster;

h. Bid validity being less than that required as per Clause 13 Section 4 A of this Bid Document;

i. Bid being conditional in nature

j. Bid not received (Electronic and offline) by due date and time as specified in Clause 6 of DNIT;

k. More than one Bidding Company using the credentials of the same Parent /Affiliate;

l. Bidder delaying in submission of additional information or clarifications sought by BSNL.

m. Bidder makes any misrepresentation of facts.

n. Bid not accompanied by valid EMD

1.2.3. Each Bid shall be checked for compliance with the submission requirement set forth in this Bid Document before evaluation of Bidder's fulfillment of Qualification Requirement is taken up.

1.3. Step II - Evaluation of Bidder's fulfillment of Qualification Requirements as per Clause 4 Section 1 DNIT

1.3.1. After ensuring EMD with respect to its amount and validity; evaluation of Bid will be carried out based on the information furnished by the Bidder as per the prescribed Formats in Section 7 and related documentary evidence in support of meeting the Qualification Requirements as

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- specified in Clause 4 of Section 1 DNIT
- 1.3.2. Price Bid of only those bidders will be opened whose Techno-Commercial qualification requirement, prima facie meets the Qualifying Criteria. However, if at later stage it is found that Techno-Commercial bid doesn't meet the qualification criteria, bid can be rejected at sole discretion of BSNL.
- 1.4. **Step III – Selection of Successful Bidders**
- 1.4.1. Only the bids qualifying in Step II above, shall be financially evaluated for respective cluster, in this stage, on basis of their quote as per Financial schedule in Section 9 Part-B.
- 1.4.2. Successful Bidder shall unconditionally accept the AWO, issued by BSNL, within 14 days of issue of AWO.
- 1.4.3. If the Successful Bidder, to whom the AWO has been issued, does not accept the AWO unconditionally, BSNL reserves the right to annul the award of the Letter of Intent to such Successful Bidder and forfeit EMD (in case of L-1 bidder).
- 1.4.4. It shall not be binding upon BSNL to accept the lowest bid as successful.
- 1.4.5. It shall not be obligatory on the part of BSNL to furnish any information or explanation for cause of rejection of Bid or part of the Bid. Notwithstanding anything stated above, BSNL reserves the right to assess the credibility, capability and capacity of the bidders and viability of the Proposal to perform the contract should circumstances warrant such an assessment in the overall interest of BSNL and Bidder shall furnish all other required documents to BSNL.
- 1.4.6. BSNL reserves the right to interpret the Bid submitted by the Bidder in accordance with the provisions of this Bid Document and make its own judgment regarding the interpretation of the same. In this regard BSNL shall have no liability towards any Bidder and no Bidder shall have any recourse to BSNL with respect to the selection process.
- 1.4.7. BSNL shall evaluate the Bids using the evaluation process specified above, at its sole discretion.
- 1.4.8. BSNL's decision in this regard shall be final and binding.
- 1.4.9. **Selection of Successful bidder as per clause 2.6 (Allocation of Work of Network Integration & supply) of S.I. EoI for Empanelment of System Integrators Dated EOI No: RJCO-12/17(32)/1/2020-EB/ I /610291/2024 Dated at Jaipur 08-02-2024**

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Section- 4 Part C
E-tendering Instructions to Bidders

General

These Special Instructions (for e-Tendering) supplement “Instruction to Bidders”, as enclosed in Sec 4 Part A of the Tender Documents. Submission of Bids only through online process is mandatory for this Tender.

For conducting electronic tendering, BSNL Bikaner has decided to use the portal <http://www.etenders.gov.in> through Central Public Procurement Portal of NIC, (Govt. of India) New Delhi.

1. Tender Bidding Methodology:

Sealed Bid System – ‘Single Stage Using Two Envelopes’,

The Techno-commercial & Financial bids shall be submitted online by the bidder at the same time.

2. Broad outline of activities from Bidders prospective:

1. Procure a Digital Signing Certificate (DSC)
2. Register on Central Public Procurement Portal (CPPP)
3. Create Users and assign roles on CPPP
4. View Notice Inviting Tender (NIT) on CPPP
5. Download Official Copy of Tender Documents from CPPP
6. Clarification to Tender Documents on CPPP
 - Query to BSNL (Optional)
 - View response to queries posted by BSNL, as addenda.
7. Bid-Submission on CPPP: Prepare & arrange all document/paper for submission of bid online and offline.
8. Submission of offline documents in sealed envelope to AGM (EB) O/o GM BA, Bikaner-334001 on or before due date & time.
9. Attend Online Tender Opening Event (TOE) of Techno-commercial Part
10. View Post-TOE Clarification posted by BSNL on CPPP (Optional) Respond to BSNL's Post-TOE queries
11. Attend Online Tender Opening Event (TOE) of Financial-Part (Only for Technical Responsive Bidders).

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

3. Digital Certificates:

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

4. Registration:

To use the CPPP (<https://www.etenders.gov.in/>), vendor needs to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User of that organization. For further details, use the CPPP www.etenders.gov.in, the vendor should visit the home page of the portal www.etenders.gov.in and go to the e-procure link then select Bidders Manual KIT and follow further instructions as given on the site.

On successful submission of Registration details, Please contact NIC Helpdesk as given below, to get your registration accepted/activated.

NIC HELPDESK	
Telephone No. (Toll Free)	1800 233 7315
E-Mail I.D.	cppp-nic@nic.in (Please mark cc to support-nic@ncode.in)
BSNL CONTACT DETAILS.	
BSNL`s Contact Person-1	Sh. Inder singh AGM (EB)
Telephone No.	0151-2520500
E-Mail I.D.	inder.bik@bsnl.co.in
BSNL`s Contact Person-2	Sh. Rakesh Kumar, SDE (Planning)
Telephone No.	0151-2526691
E-Mail I.D.	sdeplng.bik@gmail.com

5. Method for submission of bid documents:-

The bid-submission shall be online on CPPP, however, some documents mentioned in clause 5.2 are to be submitted offline as follows:

5.1 Contents of 1st Envelope (Techno-Commercial Bid) (As applicable) (To be submitted on line):-

- 1) Scanned cop of EMD/ Document.
- 2) Scanned cop of payment of cost of tender document i.e. tender fee / Document of MSME for exemption.
- 3) Certificate(s) showing fulfillment of the eligibility criteria(s) stated in Clause 4 of the Detailed NIT.
- 4) Power of Attorney (PoA) in accordance with Clause 14.3 of Section 4 Part A.(not required in case of Proprietary / partnership firm if the proprietor/partnership himself signs/ upload the documents) or board resolution in favour of authorized signatory. Original POA is required to be submitted by successful bidder at the time of agreement.
- 5) Copy of Articles and Memorandum of Association or Partnership deed or proprietorship

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deed as the case may be.

- 6) Bidder's Profile & Questionnaire duly filled & signed as per Section-8.
- 7) Indemnity bond declaration for indemnifying BSNL against any non-compliance by bidder towards all applicable statutory requirements, if work is awarded, as per Annexure-1.
- 8) Letter of authorization for attending bid opening event as per Section -7 Part (C).
- 9) Undertaking & declaration duly filled & signed as per Section-6 Part A
- 10) Tender / Bid form-Section 9 Part A.
- 11) Checklist of the documents submitted as per Annexure-2.

Note:- (i) If some document is not applicable for the bidder then he has to upload scanned copy of paper mentioning "The document < Name> called vide clause _____ is not applicable on us".

(ii) If document asked for contains more than one page then all those pages may be uploaded in one PDF format file

- a. Please take care to scan documents such that the total size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However it shall be sole responsibility of bidder that the uploaded documents remain legible.
- b. Utmost care may be taken to name the files / documents to be uploaded on CPPP. There should be no special character or space in the name of file. Only underscores are allowed.
- c. It is advised that all the documents to be submitted as mentioned above of bid document are kept scanned or converted to PDF format in a separate folder on your computer before starting on-line submission. Price schedule (Financial Bid) as per Annexure IX may be downloaded and rates may be filled appropriately. This file may also be saved in a secret folder on your computer.
- d. The names and total size of document (Preferable below 50 MB) may be checked before uploading.

5.2 Offline Submissions:

The following documents are required to be submitted offline (i.e. offline submissions) to AGM (EB) BSNL, Bikaner on or before the date & time of submission of bids in a sealed envelope. The envelope shall bear the tender number, name of work and the phrase: "Do Not Open Before (due date & time of opening of tender).

- 1) EMD – Bid security (in original)
- 2) DD/ Banker's cheque of Tender fee (in original).
- 3) All original affidavits related to this tender.

Note: The Bidder has to upload the Scanned copy of all above said documents during online Bid submission also. The bid without offline documents will be declared Non-Responsive.

6. Public Online Tender Opening Event (TOE) :

CPPP offers a unique facility for "Public Online Tender Opening Event (TOE)". Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders duly authorized are requested to carry laptop and wireless connectivity to internet.

Every legal requirement for a transparent and secure "Public Online Tender Opening Event (TOE) " has been implemented on CPPP.

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- The bids will be opened in 2 stages i.e.(i) Techno-commercial bid & (ii) Financial bid (BOQ). The techno-commercial bid shall be opened on the date of tender opening given in DNIT. The financial bid (BOQ) will not be opened on the date of opening of techno-commercial bids.
- As soon as a Bid is decrypted with the corresponding 'Pass-Phrase' as submitted online by the bidder himself (during the TOE itself) by the TOC, salient points of the bids are simultaneously made available for downloading by the participating bidders. The documents will be opened from the Techno-commercial bid one by one and the same report of TOC will be uploaded on e-tender portal.
- Thereafter the TEC will evaluate Techno-commercial bids and the report of TEC will be approved by competent authority and the same report of TEC will be uploaded on e-tender portal of techno-commercially compliant bidders for information of financial bid opening.
- The financial bids of those bidders who are approved to be techno-commercially compliant by the competent authority will be opened by TOC in front of techno-commercially eligible bidders/authorized representatives.

The following information should be read out at the time of Techno-commercial bid opening:-

- (a) Name of the Bidder
- (b) Name of the item
- (c) EMD amount & validity and acceptability
- (d) Information in respect of eligibility of the bidder
- (e) Details of bid modification / withdrawal, if applicable

(iii) The following information should be read out at the time of Financial bid opening:-

- (a) Name of the Bidder
- (b) Name of the item
- (c) Quantities / prices quoted in the bid
- (d) Taxes & levies.

7. PRICE SCHEDULE / (Financial bid)

Utmost care may kindly be taken to upload Price Schedule (Financial bid). Any change in the format of Price Schedule (Financial bid) shall render it unfit for bidding. Following steps may be followed:-

1. Down load price quoted rates in format available at Section – 9 Part - B.
2. Fill rates in down loaded price schedule as specified format only in white back ground cells. Background color should not be changed.
3. File is password protected XLS file. Don't unprotect the file. Price has to be filled in the same file and has to be uploaded
4. Save filled copy of downloaded price schedule (Financial bid) in your computer and remember its name & location for uploading correct file (duly filled in) when required.

8. OTHER INSTRUCTIONS :

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For further instructions, the bidder should visit the home-page of the portal (www.etenders.gov.in), and go to the Bidders Manual Kit. The compatible support software (PDF Converter, Java, etc) for online bid submission may be downloaded from CPP Portal.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links of e-procurement portal (CPPP), and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of CPPP.

The following “FOUR KEY INSTRUCTIONS for BIDDERS” must be assiduously adhered to:

1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on CPPP.
2. Register your organization on CPPP well in advance of your first tender submission deadline on CPPP.
3. Get your organization’s concerned executives trained on CPPP well in advance of your first tender submission deadline on CPPP.
4. Submit your bids well in advance of tender submission deadline on CPPP as there could be last minute problems due to internet timeout, breakdown, etc.

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

(BSNL shall not be responsible any problem arising out of internet connectivity issues).

9. Minimum Requirements at Bidders end

- Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP)
- Broadband connectivity.
- Microsoft Internet Explorer 6.0 or above
- Digital Certificate(s) for users.

Note: Please visit CPPP (<https://www.etenders.gov.in>) for more details and latest amendment.

Signature of the Bidder

SECTION-5 Part A
GENERAL (COMMERCIAL) CONDITIONS OF CONTRACT

1. APPLICATION

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

2. PATENT RIGHTS

The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the goods or any part thereof in Indian Telecom Network.

3. PERFORMANCE SECURITY

3.1 All suppliers (including MSEs who are registered with the designated MSME bodies, like National Small Scale Industries Corporation etc. shall furnish performance security to the purchaser for an amount equal to 2.5% in addition to the EMD already deposited within 07 days from the date of issue of Appetence letter by the Purchaser.

3.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract.

3.3 The performance security Bond shall be in the form of either FD/DD in favour of AO (Cash), BSNLO/o GM BA Bikaner or in form of Bank Guarantee issued by a scheduled Bank in India and in the Performa provided in 'Section-7B of this Bid Document.

3.4 The performance security Bond will be discharged by the Purchaser after completion of the supplier's performance obligations including any warranty obligations under the contract.

3.5 The performance security deposit with the BSNL will be considered for adjustment against penalties, any other statutory levies and any loss to BSNL properties, if any reported, at the time of final conclusion of the contract and final settlement of account.

3.6 In case it is found that a bidder has submitted a fake/ forged bank instrument towards performance security deposit (say PBG), then, actions as per clause 1 (a) of Appendix -1 to Section 4 Part-A shall be applicable.

3.7 Work Order(s) will be issued or Contract agreement(s) will be signed only upon successful verification of the eligibility documents submitted in the bid, with the originals of the eligibility documents, which shall have to be produced by successful bidder.

3.8 PAYMENT TERMS- Refer Section-2

4.0 FORCE MAJEURE, DISPUTE SETTLEMENT, DELAY AND PENALTY CLAUSE, MAINTENANCE SUPPORT & WARRANTY, INDEMNITY CLAUSE and all other terms and conditions will be as per the No. EOJ No: RJCO-12/17(32)/1/2020-EB/ I /610291/2024 Dated at Jaipur 08-02-2024

5.0. ACTION BY PURCHASER AGAINST BIDDER(S)/ VENDOR(S) IN CASE OF DEFAULT.

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

- (a) Failure to deliver services within the time period(s) specified in the contract, or any extension thereof granted by the purchaser pursuant to clause 15 of this section;
- (b) Failure to perform any other obligation(s) under the Contract; and
- (c) Equipment does not perform satisfactory in the field in accordance with the specifications;
- (d) Or any other default whose complete list is enclosed in Appendix-1 of Section-4,

Signature of the Bidder

Part-A;

Purchaser will take action as specified in Appendix-1 of Section-4, Part-A.

6.0. ARBITRATION

Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties unable to settle mutually, the same shall be referred to Arbitration as provided here under.

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

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

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

6.3. Neither party shall appoint its serving employee as arbitrator.

6.4. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party / arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left it both parties consent for the same; otherwise he shall proceed de novo.

6.5. Parties agree that neither party shall be entitled for any pre-reference or pendent elite interest on its claims. Parties agree that any claim for such interest made by any party shall be avoid

6.6. Unless otherwise decided by the parties, Fast Track procedure as prescribed in Section 29 B of the Arbitration Conciliation Act, 1996 for resolution of all disputes shall be followed, where the claim amount is up to Rs. 5 Crores.

6.7 Fast Track Procedure –

6.8.1 Notwithstanding anything contained in this ACT, the parties to an arbitration agreement, may, at any stage either before or at the time of appointment of the arbitral tribunal, agree in writing to have their dispute resolved by fast track procedure specified in Sub Section (3).

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

6.8.3 The arbitral tribunal shall follow the following procedure while conducting arbitration

Signature of the Bidder

proceedings Under Sub-section (1):-

- (a) The arbitral tribunal shall decide the dispute on the basis of written pleadings, documents and submissions filed by the parties without oral hearing;
- (b) The arbitral tribunal shall have power to call for any further information or clarification from the parties in addition to the pleadings and documents filed by them;
- (c) An oral hearing may be held only, if all the parties make a request or if the arbitral tribunal considers it necessary to have oral hearing for clarifying certain issues;
- (d) The arbitral tribunal may dispense with any technical formalities, if an oral hearing is held, and adopt such procedure as deemed appropriate for expeditious disposal of the case.

6.8.4 The award under this section shall be made within a period of six months from the date the arbitral tribunal enters upon the reference.

6.8.5 If the award is not made within the period specified in sub-section (4), the provisions of sub-Sections (3) To (9) of section 29 A shall apply to the proceedings.

6.8.6 The fees payable to the arbitrator and the manner of payment of the fees shall be such as may be agreed between the arbitrator and the parties.

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

Amount of Claims and Counter Claims	Period for making and publishing of the award (counted from the date the arbitral tribunal enters upon the reference)
Up to Rs 5 Crores	Within 6 months (Fast Track procedure)
Above Rs.5 Crores	Within 12 months

However, the above time limit can be extended by the Arbitrator for reasons to be recorded in writing with the consent of parties and in terms of provisions of the Act.

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

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

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

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

7. SET OFF

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

8. COURT JURISDICTION

8.1 Any dispute arising out of the tender/ bid document/ evaluation of bids/ issue of APO shall be subject to the jurisdiction of the competent court at the place from where the NIT/ tender has been issued.

8.2 Where a contractor has not agreed to arbitration, the dispute/ claims arising out of the Contract/ PO entered with him shall be subject to the jurisdiction of the competent Court at the place from where Contract/ PO has been issued. Accordingly, a stipulation shall be made in the contract as under.

Signature of the Bidder

“This Contract/ PO is subject to jurisdiction of Court at Bikaner only”.

9.0 General Guidelines:-

The General guidelines as contained in General Financial Rules (GFR) as amended from time to time on works, procurement of goods and services and contract management respectively will also be referred to as guiding principles.

Signature of the Bidder

SECTION –5 Part B

SPECIAL (COMMERCIAL) CONDITIONS OF CONTRACT (SCC)

The Special (Commercial) Conditions of Contract (SCC) shall supplement General (Commercial) Conditions of Contract (GCC) as contained in Section 5 Part A and wherever there is a conflict, the provisions herein shall prevail over those in Section 5 Part A i.e. General (Commercial) Conditions of Contract (GCC).

1. The successful tenderer / contractor shall submit an Indemnity bond declaration, as per Annexure-1, for indemnifying BSNL against any non-compliance by bidder to any of the applicable statutory requirements, if the work is awarded to them.
2. **Safety of Labour and BSNL property & EB customer property & Equipment :-**

The **successful tenderer / contractor shall** be solely responsible for payment and compensation under WC Act 1923 as in force from time to time applicable in the event of accident causing injury/death to his workers and GM BA, Bikaner shall not be responsible in any manner.

 - 2.1 The contractor shall obtain / purchase all required insurances and make all safety arrangements required for the labourer engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. BSNL shall not be responsible for any mishap, injury, accident or death of the contractor's staff directly or indirectly. All liabilities arising out of accident or death while on duty shall be borne by the contractor. No claims in this regard shall be entertained / accepted by the BSNL.
 - 2.2 The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards / flags and providing barriers etc. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of work. Nothing extra shall be paid on this account.
 - 2.3 Contractor shall be fully responsible for any damages caused to BSNL / Government/ private /other operators property / Injuries public at large/ loss of life by him or his Labourer in carrying out the work and the same shall be rectified / compensated by the contractor at his own cost.
 - 2.4 It will be sole responsibility of the contractor that the men deployed for the purpose of maintenance of the S.I.T.C with BSNL are to be trained to avoid any mishap, directly or indirectly.
 - 2.5 On account of security considerations or on account of convenience of office staff, there could be some restrictions on the working hours or movement of vehicles for transportation of materials. The contractor shall be bound of follow all such restrictions and just the program for execution accordingly.
 - 2.6 The contractor should carry out the work to the satisfaction of BSNL officer in charge & EB Customer and in the event of his failure the tendering authority reserves the right to offer the contract to any other tenderer or any other agency in case of unsatisfactory work at the cost of the contractor and payment will be settled on prorata Basis.
 - 2.7 The contractor should engage workers with proven integrity to carry out the contract work. He/His worker should vacate premises after the completion of contract work.
 - 2.8 The contractor shall be solely responsible for payment and compensation under WC act 1923 as in force from time to time applicable in the event of accident causing injury/death to his workers and GM BA, Bikaner shall not involve in any manner.
 - 2.9 No documents, towards compliance of aforesaid requirements, will be required to be submitted by bidder to BSNL paying authority for settlement of their payment invoices but the contractor must comply all requirements as per applicable Law / Acts etc.
 - 2.10 The decision of GM BA, Bikaner on any matter connected to this tender is final & binding on bidder.

Signature of the Bidder

SECTION -5 Part C
SPECIAL (COMMERCIAL) CONDITIONS OF CONTRACT (SCC)

- A) Bidder/Vendor must indicate Name, Designation, Contact No., and Email Id of their Authorized signatory & Complete Street Address of their firm in every communication made to the buyer & in their Offer as well.
- B) Bidders are requested not to take any Exceptions/Deviations to BSNL Techno- Commercial Terms & Conditions. No Exceptions/Deviations shall be considered under any circumstances.
- C) Bidders are requested to strictly adhere to timelines indicated on the CPP portal. BSNL reserves the right not to accept any request for extension in any timelines for any reason whatsoever.
- D) Bidders are requested not to indicate/disclose Quoted Prices or Rates anywhere in their Unpriced Techno-Commercial Offer. In case bidders indicate/disclose prices in techno commercial (un- priced bid) or at any stage before opening of price-bid, their bids shall be evaluated without giving any cognizance to such prices.
- E) Bidder must Quote Prices Exclusive inclusive of all Taxes, levies & Other Charges like Transit Insurance & Freight. In case of an Order, Goods have to be dispatched on Freight Pre-Paid basis. Offer shall be evaluated at Total Quoted (all incl.) Order price. Offer shall be rejected straightaway if quoted prices are found to be conditional with such conditions being stated elsewhere in the offer.
- F) Bidders are advised not to indicate any separate discount. Discount, if any should be merged with the quoted prices. Discount of any type indicated separately will not be considered for evaluation purpose. However, in the event such offer without considering discount is found to be lowest, BSNL shall avail of such discount at the time of award of contract.
- G) No Physical Bids/Documents or Emails shall be considered as a part of bid offer for Techno-Commercial Evaluation. The Signed copy of Tender with all required attachment with 2.5% bid security must be drop on tender box on or before last Date/Time of Tender closing date.
- H) Bidders are advised to upload copies of their MSE Registration Certificate, as applicable.
- J) Duration of Authorization shall be clearly stated in the OEM's letter. No dispensation may be considered by BSNL in this regard. Required warranty cover of the manufacturer (as per the warranty clause of the bid document) for the product will be provided by such a bidder and an undertaking to this effect shall be provided by the bidder in the techno-commercial bid.
- K) The Bidder must be Registered System Integrator in Rajasthan /Corporate office Delhi & agreement valid up to 31- March-2025
- L) Bidder/Vendor must indicate Name, Designation, Contact No., and Email ID of their Authorized signatory & Complete Street Address of their firm in every communication made to the BSNL.
- M) Bidders should not take any Exceptions/Deviations to Techno-Commercial Terms & Conditions of EB Customer of GM BA BSNL Bikaner Rajasthan, No Exceptions/Deviations shall be considered under any circumstances.
- N) Bidders are requested to strictly adhere to timelines indicated in the bid. BSNL reserves the right not to accept any request for extension in any timelines for any reason whatsoever.
- O) Bidders are requested not to indicate/disclose Quoted Prices or Rates anywhere in their Un priced Techno-Commercial Offer. In case bidders indicate/disclose prices in techno-commercial (un-priced bid) or at any stage before opening of price-bid, their bids shall be evaluated without giving any cognizance to such prices.
- P) Dispute Settlement: As per the EoI for Empanelment of System Integrators (SI) for executing Turnkey WAN projects no. EOI No: RJCO-12/17(32)/1/2020-EB/ I /610291/2024 Dated at Jaipur 08-02-2024
- Q) Force-Majeure: As per the EoI for Empanelment of System Integrators (SI) for executing Turnkey WAN projects no. EOI No: RJCO-12/17(32)/1/2020-EB/ I /610291/2024 Dated at Jaipur 08-02-2024
- R) Penalty Clause: Force-Majeure: As per the EoI for Empanelment of System Integrators (SI) for executing Turnkey WAN projects no. EOI No: RJCO-12/17(32)/1/2020-EB/ I /610291/2024 Dated at Jaipur 08-02-2024

Signature of the Bidder

SECTION-6

UNDERTAKING & DECLARATION

6(A) - For understanding and agreeing with the terms & condition of Tender & Spec. of work

a) Certified that:

1. I/ We have read, understood and agree with all the terms and conditions included in the tender documents & offer to execute the work as per tender terms & conditions (without any deviation) and at the rates quoted by us in the tender form.
2. If I/ We fail to enter into the agreement & commence the work in time, the EMD/ Performance linked Security Deposit/ PBG deposited by us will stand forfeited to the BSNL.

b) The tenderer hereby covenants and declares that:

1. All the information, Documents, Photo copies of the Documents/ Certificates enclosed along with the Tender/Bid offer are correct.
2. In case of any correction/ addition/ alteration/ omission of the terms & conditions in the tender document, our tender / bid shall be treated as non-responsive and shall be rejected summarily.
3. If anything is found false and/or incorrect and/or reveals any suppression of fact at any time, BSNL reserves the right to debar our tender offer/ cancel the LOI/ Purchase/ work order if issued and forfeit the EMD/ Performance linked Security Deposit/ PBG / Bill amount pending with BSNL. In addition, BSNL may debar the contractor from participation in its future tenders.
4. We undertake to provide all the necessary compliances/Invoice/ documents required under GST legislation for enabling BSNL to avail Input tax (GST) credit.
5. We undertake that neither we, nor any of our allied concerns, partners or associates or directors or proprietors involved in any capacity, are currently serving any banning orders issued by BSNL debarring them from carrying on business dealings with BSNL.
6. We undertake that all the documents/certificates/information's submitted by us against the bid are genuine. In case any of the documents/ certificates/ information submitted by me is found to be false or forged, action as deemed fit may be initiated by BSNL at its sole discretion.
7. We hereby confirm that all instructions and conditions of bid document are acceptable to us unconditionally.
8. We undertake for acceptance of all terms & conditions, special terms and conditions of contract, technical specifications of the bid.
9. We undertake that any deviation from the statement given above may reject the bid.
10. Bidders must quote for the complete scope of work.
11. Joint inspection will be done at the time of installation and quality check certificate will be issued by concern Nodal officer of EB Customer after completion of work & BSNL EB officer unit in charge.
12. The backup authority letter of OEM should be uploaded along with the bid.
13. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
14. Date:

Signature of the Bidder

SECTION- 7

PROFORMA(S)

7(A) For the BIDSECURITY/EMD Guarantee

(To be typed on Rs.100/- non-judicial stamp paper)

Sub: Bid Security/EMD inform of Bank Guarantee (EMBG).

Whereas M/s having registered office at
..... (Hereafter referred to as Bidder) has approached us for giving
Bank Guarantee of Rs./- (hereafter known as the "B. G. Amount") valid up to
...../...../ 20..... (hereafter known as the "Validity date") in favour of
..... (Hereafter referred to as BSNL) for participation in the tender of
work of vide tender no.

Now at the request of the Bidder, We Bank
.....Branch having
..... (Address) and Regd. office address as
.....
(Hereinafter called "the Bank") agrees to give this guarantee as hereinafter contained:

2. We the Bank do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the BSNL stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the BSNL by reason of breach by the said bidder(s) of any of terms or conditions contained in the said Agreement or by reason of the bidder (s) failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of the BSNL in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding the "B. G. Amount".
3. We undertake to pay to the BSNL any money so demanded notwithstanding any dispute or disputes raised by the bidder(s) in any suit or proceeding before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The Payment so made by us under this bond shall be valid discharge of our liability for payment there under and the bidder(s) shall have no claim against us for making such payment.
4. We the Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the BSNL under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till BSNL Certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said bidder(s) and accordingly discharge this guarantee. Unless a demand or claim under this guarantee is made on us in writing or before the expiry of Validity date from the date hereof, we shall be discharged from all liability under this guarantee thereafter.
5. We the Bank further agree with the BSNL that the BSNL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said bidder(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the BSNL against the said bidder(s) and to forbear or enforce any of the terms and conditions relating

Signature of the Bidder

to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Bidder(s) or for any forbearance, act or omission on the part of the BSNL or any indulgence by the BSNL to the said bidder(s) 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.

6. Notwithstanding anything herein contained ;
- (a) The liability of the Bank under this guarantee is restricted to the "B. G. Amount" and it will remain in force up to its Validity date specified above.
 - (b) The guarantee shall stand completely discharged and all rights of the BSNL under this Guarantee shall be extinguished if no claim or demand is made on us in writing on or before its validity date.
7. In case BSNL demands for any money under this bank guarantee, the same shall be paid through banker's Cheque in favor of "AO (Cash) BSNL O/o GMTD Bikaner" payable at Bikaner-334001.
8. The Bank guarantees that the below mentioned officer who have signed it on behalf of the Bank have authority to give this guarantee under its delegated power.

Place:

Date : (Signature of the Bank Officer)

Rubber stamp of the bank
Authorized Power of Attorney Number:

Name of the Bank officer:
Designation:
Complete Postal address of Bank:
.....
Telephone Numbers
Fax numbers

Signature of the Bidder

7(B) For the Performance Guarantee

(To be typed on non-judicial stamp paper of applicable amount)

Dated:.....

Sub: Performance guarantee.

Whereas(hereafter referred to as BSNL) has issued an AWO no. Dated/...../20.... awarding the work of to M/s R/o (hereafter referred to as "Bidder") and BSNL has asked him to submit a performance guarantee in favour ofof Rs./- (hereafter referred to as "P.G. Amount") valid up to/...../20.....(hereafter referred to as "Validity Date")

Now at the request of the Bidder, We BankBranch having (Address) and Regd. office address as (Hereinafter called "the Bank") agreed to give this guarantee as hereinafter contained:

- 2. We, "the Bank" do hereby undertake and assure to the BSNL that if in the opinion of the BSNL, the Bidder has in any way failed to observe or perform the terms and conditions of the said agreement or has committed any breach of its obligations there-under, the Bank shall on demand and without any objection or demur pay to the BSNL the said sum limited to P.G. Amount or such lesser amount as BSNL may demand without requiring BSNL to have recourse to any legal remedy that may be available to it to compel the Bank to pay the same.
- 3. Any such demand from the BSNL shall be conclusive as regards the liability of Bidder to pay to BSNL or as regards the amount payable by the Bank under this guarantee. The Bank shall not be entitled to withhold payment on the ground that the Bidder had disputed its liability to pay or has disputed the quantum of the amount or that any arbitration proceeding or legal proceeding is pending between Bidder and BSNL regarding the claim.
- 4. We, the Bank further agree that the guarantee shall come into force from the date of its issue and shall remain in full force and effect up to its Validity date.
- 5. The Bank further agrees that the BSNL shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said agreement or to extend the time for performance of the said agreement from any of the powers exercisable by BSNL against the Bidder and to forebear to enforce any of the terms and conditions relating to the said agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to Bidder or through any forbearance, act or omission on the part of BSNL or any indulgence by BSNL to Bidder or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of relieving or discharging the guarantor.

Signature of the Bidder

6. Notwithstanding anything herein contained ;
- (a) The liability of the Bank under this guarantee is restricted to the P.G. Amount and it will remain in force up to its Validity date.
 - (b) The guarantee shall stand completely discharged and all rights of the BSNL under this Guarantee shall be extinguished if no claim or demand is made on us in writing on or before its validity date.
7. In case BSNL demands for any money under this bank guarantee, the same shall be paid through banker's Cheque in favour of "AO (Cash) BSNL O/o GMTD Bikaner" payable at Bikaner-334001
8. The Bank guarantees that the below mentioned officer who have signed it on behalf of the Bank have authority to give this guarantee under its delegated power.

Place:

Date:

(Signature of the Bank Officer)

Rubber stamp of the bank

Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

.....

Telephone Numbers

Fax numbers

Signature of the Bidder

7 (C) For Letter of Authorization for attending Bid Opening Event

(To be typed preferably on letter head of the company)

Subject: Authorization for attending Bid opening

I/ We Mr. /Ms. have submitted our bid for the tender no.
..... in respect of
..... (Item of work) which is due to open on
..... (date) in the Meeting Room, O/o
.....

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

.....

Signature of the Representative

.....

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

Name of the Representative

.....

Signature of the alternative Representative

.....

Name of the alternative Representative

Above Signatures Attested

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

Signature of the Bidder

SECTION - 8

Bidder's profile & Questionnaire

Tenderer / Bidder's Profile & Questionnaire

(To be filled in and submitted by the bidder)

A) Tenderer 's Profile

1. Name of the Individual/ Firm:

2. Present Correspondence Address

.....

Telephone No. Mobile No. FAX No.

.....

3. Registered Office

.....

.....

Telephone No. Mobile No.

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

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

S. No.	Name	Father's Name	Designation
1.			
2.			
3.			
4.			
5.			

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

.....

.....

7.A Permanent Account No. :

7.B GST Registration No(s).....

8. Details of the Bidder's Bank for effecting e-payments:

(a) Beneficiary Bank Name:.....

(b) Beneficiary branch Name:.....

(c) IFSC code of beneficiary Branch.....

(d) Beneficiary account No.:.....

Signature of the Bidder

(e) Branch Serial No. (MICR No.):.....

9. Whether the firm has Office/ works (i.e. manufacture of the tendered item) in Delhi? If so state its Address

.....
.....

B) Questionnaire

1. Do you think any other detail/ material is required to complete the work specified in the specification? Yes/ No.

1.1 If Yes, Give details

.....
.....

2. Do you think any other item of work need be included in tender form to complete the work specified in the specification? Yes/ No.

2.1 If Yes, Give details

.....
.....

3. Suggestion for improvement of the tender document.

.....
.....
.....

Place.....

Signature of contractor

Date

Name of Contractor

Signature of the Bidder

SECTION-9 Part-A

BID FORM

To **From,**

<complete address of the purchaser> <complete address of the Bidder>

.....

.....

Bidder's Reference No:.....Dated.....

Ref: Your Tender Enquiry No.dated

1. Having examined the above mentioned tender enquiry document including amendment/ clarification /corrigenda / addenda Nos. datedthe receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver in conformity with the said drawings, conditions of contract and specifications for the sum shown in the schedule of prices attached herewith and made part of the financial Bid.
2. Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.
3. We agree to abide by this Bid for a period of **120 days** from the date fixed for Bid opening or for subsequently extended period, if any, agreed to by us. This bid shall remain binding upon us up to the aforesaid period.
4. We understand that you are not bound to accept the lowest or any bid, you may receive.
5. The Bid is accepted, with a performance guarantee from a Scheduled Bank for a sum **@ 2.5%** of the contract value for the due performance at the time of Bid submission or in form of Nationalized bank Demand Draft.
6. If our Bid is accepted, we undertake to complete delivery of all the items and perform all the services specified in the contract in accordance with the delivery schedule specified in the Section-2 (Tender Information).
7. Until a formal Purchase/ Work Order of Contract is prepared and executed, this Bid together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

Dated: day of 2024

Signature

Witness

Name

Signature.....

In the capacity of

Name

Duly authorized to sign the bid for and on

Address

behalf of

Signature of the Bidder

SECTION 9 PART-B

Price Schedule/Financial Bid

BOQ for ICAR_CIAH					
S.No	Item for CIAH Location's	Estimated Quantity	Make/Model No.	Price Per unit	Total (in Rs.) of Item
1	Firewall	22 x GE RJ45 ports (including 2 x WAN ports, 1 x DMZ port, 1 x Mgmt port, 2 x HA ports, 16 x switch ports with 4 SFP port shared media), 4 SFP ports, 2x 10G SFP+, dual power supplies redundancy, with 1 yr subscription	1		
2	AP	2x2 11ac Wave2 Indoor Access Point	8		
3	24 port poe switch	24 port 1G POE with 4 SFP ports switch	8		
4	Connector	RJ45 Connector	1		
5	1G SFP Module	1G SFP Modules	16		
6	Cable Roll	Cat 6 UTP 305mtr	2		
7	Fiber LIU	6 Port LIU loaded	8		
8	6 Core Fiber	6 Core fiber cable in mtr	1000		
9	Fiber Patch Cord	2 mtr Duplex LCSC fiber patch cord	16		
10	Cat 6 Laying	Cat 6 cable laying in Pipe and casing per mtr	610		
11	UPS	1KVA UPS with 15-20 Min Battery backup.	4		
12	SITC	Supply, Installation, Testng and Commissioning of access points, firewall, Fiber and Cat 6 Cable ,Fiber LIU,OFC Termination etc.	1		
13	Total Cost in Fig. Rs. =				
14	Total Cost in Word Rs.=				

GST Rate applicable=.....%

Signature of the Bidder

BOQ for ICAR_CIAH					
S.No.	Item for CIAH Location's	Description	Quantity	Price Per unit	Total (in Rs.excluding GST) of Item
1	Firewall	22 x GE RJ45 ports (including 2 x WAN ports, 1 x DMZ port, 1 x Mgmt port, 2 x HA ports, 16 x switch ports with 4 SFP port shared media), 4 SFP ports, 2x 10G SFP+, dual power supplies redundancy, with 1 yr subscription	1		
2	AP	2x2 11ac Wave2 Indoor Access Point	8		
3	24 port poe switch	24 port 1G POE with 4 SFP ports switch	8		
4	Connector	RJ45 Connector	1		
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11	UPS	1KVA UPS with 15-20 Min Battery backup.	4		
12	SITC	Supply, Installation, Testng and Commissioning of access points, firewall, Fiber and Cat 6 Cable ,Fiber LIU,OFC Termination etc.	1		
13	Total Cost in Fig. Rs. =				
14	Total Cost in Word Rs.=				

GST Rate applicable 18 %

Applicable SAC (6 Digit)

Note: -

1. Unit denotes the instances of the Work Item.
2. Rates are to be quoted in BOQ only.
3. Bidder has to quote a single and same Quote for all the Types of work also. In the event, bidder quotes differently for different items, the bid shall be rejected.
4. If there is any discrepancy in quoted base price then Base price per unit quoted in figures would not be treated final and Base price per unit quoted in words would be treated as the final.

Signature of the Bidder

ANNEXURE - 1

DEED OF INDEMNITY

(On Rs. 100/- Non Judicial Stamp Paper)

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

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

TO AND IN FAVOUR OF

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

WHEREAS

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

NOW THIS DEED OF INDEMNITY WITNESSETH AS FOLLOWS:

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

Signature of the Bidder

- extent these are attributable solely to the poor quality or non-compliance of the products/services to the respective specifications.
- III. Any claims arising from other utility / service providers in connection with interruptions or degradation of their services due to services provided by bidder under this Tender.
2. The bidder also declares that in case bidder is blacklisted by GST Authorities in future & which results in loss of Input Tax Credit (ITC) to BSNL, then BSNL shall have right to recover any such loss of ITC arising on account of such black-listing.
 3. This Deed of Indemnity shall stand terminated on expiry of or early termination of the contract period as envisaged in the above said Tender requirement.
 4. The Deed of Indemnity shall constitute the entire indemnity provided by the Bidder for the indemnities asked in said Tender.
 5. This Deed of Indemnity shall be governed by and construed in accordance with Indian law.
 6. The Bidder take almost care of Installation of Camera, etc in Girls Hostel & other building to avoid any unwanted nuisance created from S.I. installation team /workers, etc.

(Authorized Signatory)

Date:

Place:

<< Name of the Bidder >>

Witness 1:

Witness 2:

Signature of the Bidder

ANNEXURE-2

CHECK LIST FOR THE BIDDERS

Please ensure that all documents are fully authenticated by the Authorized Signatory with his signature with official seal, as per the eligible bidder's criteria. Offer is liable to be rejected, if enclosed documents are not authenticated.

Documents forming part of the bid: -

Sl. No.	DOCUMENTS	Submitted / Not Submitted (If Not Applicable, reason in brief)	Doc. Id for uploading on-line(in pdf.)
1	Cost of the tender document (₹ _...../-)		DOC 1
2	Or The Bid Security (2.5%) of EMD Cost (with out GST)		
3	Scanned copy of tender document duly filled up and signed..		DOC 2
4	Scanned Copy of Certificate of Incorporation/ Registration of firms etc. as applicable		DOC3
5	Scanned copy of Power of Attorney attested by Notary Public or Registered with Sub Registrar in favour of the signatory signing/Uploading the offer and documents as per Clause no. 14.3 of Section-4 Part A.		DOC 3
6	Scanned Copy of board resolution, authorizing a person for executing power of attorney in the name of person, who is signing/Uploading the bid document. (In case of Company/Institution/Body Corporate)		
7	Scanned Copy of Memorandum of Association (or Partnership deed, if not a proprietor firm).		DOC 4
8	Scanned copy of a list of all Board of Directors of the company (In case of Limited Company).		
9	Scanned copy of System Integrator agreement & letter of S.I approval from BSNL Circle office Jaipur / Corporate office Delhi		DOC 5
10	The Bidder must submit the Manufacturer Authorization Form (MAF) or Authorization letter from OEM in Favor of central institute of arid horticulture- ICAR		DOC 6
11	Scanned copy of 'No Deviation' statement or Clause-by-Clause compliance statement pursuant to Clause 11.2 (a) of Section-4 Part A.		DOC 7
12	Undertaking and Declaration as per Section-6 Part A duly filled up and signed		
13	Letter of Authorization to attend Bid opening event		DOC 10
14	Valid PAN Card		DOC 11
15	Valid Goods and Services Tax Registration Certificate(s)		
16	Indemnity Bond as per Annexure-1.		DOC 12
17	Scanned copy of attestation of the specimen signature of the authorized as per Clause 14.3 Section -4 Part A.		DOC 13
18	Bid form & Bidder's Profile & Questionnaire as per Section-8 & 9 duly filled up and signed.		DOC 14
19	Any other supporting documents asked for in bid document.		DOC 15
20	This Check list		
21	Self-attested copy of PAN Card / Goods and Service Tax registration (whatever applicable)		DOC 16

For and on behalf of M/s.....

(Insert Name of Bidding Company)

.....
Signature and Name of the Authorized signatory of the Company

Company rubber stamp/seal

Place:

Date:

Signature of the Bidder

ANNEXURE-3

Clause by Clause compliance certificate

I / We (Name of Bidder).....Firm Name.....
..... Residence athave read, understand and agree with all the
terms and conditions included in the tender documents and declare that I am fully complied with all
clauses of tender document. (**If bidder is not fully complied, then he should submit a
statement of deviation**)

Signature of the bidder
Name of the bidder with date and seal

Signature of the Bidder