



भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

Tender No:- GMBA/SGD/PLG/BTS OUT SOURCING TENDER/MBN/2023-24/1 Dated 10/05/2023

From:

AGM(PLG),
O/o GMTD, BSNL,
Medak BA,
Sangareddy - 502001

To,

Sub: -Tender document for outsourcing of BTS & Infrastructure maintenance for BSNL Sites (BTS Co- Located with CFA Exchange), NBSNL Sites (Hired BTS site without exchange site) & IP sites (Hired through IP- Infra Providers) including rigger activities and Diesel filling in DG sets & DG operations(Excluding IP sites)and Rigger activities for the Non - Outsourced Sites of Mahabubnagar OA in Telangana Telecom Circle.

Please find enclosed 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.

For and on behalf of General Manager,BSNL, Sangareddy Medak BA.

AGM(PLG)
Tel.: 9490000233
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Tender No:- GMBA/SGD/PLG/BTS OUT SOURCING TENDER/MBN/2023-24/1 Dated 10/05/2023

SECTION - 1

DETAILED NOTICE INVITING E-TENDER (DNIT)

On behalf of General Manager, BSNL, Medak BA, Sangareddy Digitally Sealed Tenders are invited for outsourcing of BTS & Infrastructure maintenance for BSNL Sites (BTS Co-Located with CFA Exchange), NBSNL Sites (Hired BTS site without exchange site) & IP sites (Hired through IP- Infra Providers) including rigger activities and Diesel filling in DG sets & DG operations (Excluding IP sites) and Rigger activities for the Non - Outsourced Sites of Mahabubnagar OA in Telangana Telecom Circle .

Zone No.	BA Name	Zone Name	Total BTS Sites	Out Sourced Sites			Non - Outsourced Sites for Rigger activities	Approx Annual Estimated Cost (Ex.GST)	EMD/Bid Security (in Rs.) @2% of Annual Estimated Cost	Tender Fee (Incl GST @18%) in Rs
				BSNL Sites	N BSNL Sites	IP Sites				
Zone 1	Medak	Nagarkurnool	150	29	69	13	39	29,84,400	1,17,696	1,180
Zone 2	Medak	Gadwal	130	28	71	10	21	29,00,400		
TOTAL			280	57	140	23	60	58,84,800		

Note :

- A. The total quantity stated above is estimated and BSNL reserves the right to vary the above mentioned quantity to the extent up to $\pm 50\%$ of specified quantity / amount at the time of award or during the contract period without any change in unit price of respective sites and other terms & conditions.
2. **Purchase of Tender Document:** Tender document can be obtained by downloading it from the website <http://www.telangana.bsnl.co.in> or <https://etenders.gov.in/e procure/app>
- 2.1 The bidders downloading the tender document are required to submit the tender fee of amount **Rs. 1180/-** (including 18% GST) through DD/ Banker's cheque / online payment mode (details at clause 5.1.b) 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 favour of "AO Cash BSNL, , O/o GMTD, Sangareddy, Medak BA Telangana Circle" and payable at Sangareddy. The MSE bidders registered with the designated MSME bodies like National Small Industries Corporation etc. are exempted from payment of tender fee. However, they shall furnish a proof regarding registration with bodies under the Ministry of Micro, Small & Medium Enterprises for the construction/Operations/Maintenance services in Telecom Industry / maintenance and installation of OF cables, valid on the date of opening of the tender. The scope of area of the above MSE registered bidders must be for construction/ maintenance of underground telecom cables/ maintenance and installation of OF cables /telecom outdoor network/BTS maintenance GSM/mobile BTS sites, Battery Sets, Power Plants, DG Sets,

Installation of Telecom Services etc. MSE bidders claiming exemptions from Tender fee & EMD as per MSME guidelines must also register their UAM on CPPP and submit proof in this regard along with their bid.

3. Availability of Tender Document on the e-tender portal for bid submission: The tender document shall be available for downloading from BSNL website <http://www.telangana.bsnl.co.in> Or <https://etenders.gov.in/eprocure/app> from 10/05/2023 onwards. The same tender document is uploaded on BSNL website shall be made available on e-tender portal (<https://etenders.gov.in/eprocure/app>) from 10/05/2023 from 18.00 Hrs. onwards for start on online bid submission. Physical copy of the tender document would not be available for sale. The Tender document shall not be available for download from e-tender portal after 15:00hrs on its closing date, i.e., 30/05/2023

4 Eligibility Criteria : The bidder should meet following eligibility requirements

4.1 General Qualification

- i. The Bidder must be Indian registered Companies under Companies Act 1956/ 2013 or a Limited Liability Partnership(LLP) or a Firm registered under applicable Acts or legally bound consortium consisting of two companies/firms, one lead bidder & one consortium partner. Both the members shall be jointly and severally liable for the execution and implementation of the Contract in accordance with the Contract terms. The consortium shall nominate lead bidder who shall have the authority to conduct all business for and on behalf of any and both the members of the consortium during the bidding process and, in the event the consortium is awarded the Contract, during contract execution.
- ii. The Bidder must not be black-listed for Telecom business by any Central/ State Governments/ PSUs/ Infra Providers / TSPs in India at the time of submission of bid. An undertaking must be submitted in this regard.
- iii. The Bidder must have a valid PAN & valid registration under GST Act. 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/ Letter of Intent (LoI)/signing of contract, if declared successful.
- iv. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the competent Authority as per OM N.6/18/2019-PPD dated 23rd July, 2020 & 24th July, 2020 imposing restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017 on the grounds of Defense of India and National Security for information and compliance. (Pl refer the OM N.6/18/2019-PPD dated 23rd July, 2020 & 24th July, 2020 for more details. Bidders complying this order in all respect only will be considered for placing orders. Noncompliance of this order will result in rejection of bid at evaluation stage itself.) An undertaking is to be submitted by the bidder on the Bidder Company's letterhead (in Original) as per the pro- forma at ANNEXURE-A3 (Available at the end of this Document).

4.2 Technical Qualification

4.2.1

- a. The Bidder must have an experience of executing works related to installation and maintenance of BTS equipment or maintenance of telecom & Electrical infrastructure (Power Plants, Batteries & DG sets etc) at BTS sites or RF Optimization related works of any Telecom

Service Providers / Infrastructure Providers (holding IP-1 registration) in any of the two consecutive financial years since 2020-21, anywhere in India.

- b. In case of consortium, the client certificates issued to the consortium partner(s) shall be submitted duly signed by consortium partner(s) as per Para 4.2.1 (a) above.

(Bidders will be required to support claims of their required experience, through certificates issued by any executive with approval of AGM rank officer, in case of PSUs or with approval of Circle Head/CEO/COO/CTO etc, in case of private TSPs/IPs.)

OR

4.2.2 BSNL Franchisee associated with BSNL for more than 5 years.

4.3 Financial Qualification

4.3.1 The Bidder must have minimum annual turnover of **30%** of annual estimated cost of tender, during any of the two consecutive financial years since 2020-21 from telecom business as mentioned in 4.2.1 in Technical Qualification. In case of consortium, the combined turnover of the members during any of the two consecutive financial years since 2020-21 from telecom business as mentioned in 4.2.1 in Technical Qualification shall be considered.

4.3.2 For BSNL Franchise, total turnover from franchise business with BSNL during any of the two consecutive financial years since 2020-21 shall be as below :

Tender/bid is submitted by a bidder	Required Turnover from Franchise Business (INR)
280 BTSs Sites	1.5 Crore

Bidders will be required to support claims of their financial qualification through their audited financial statements duly certified by their CA.

4.3.3 The bidder shall furnish audited Annual Report for any of the two consecutive financial years since 2020-21 & IT Returns and a certificate from its bankers to assess its solvency/financial capability **to the tune of 30% of annual estimated cost of tender**. The Solvency Certificate should **not be older than Six months** from the date of issue of this Tender.

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.

Note 2: 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.

5 Bid Security/EMD:

5.1 The bidder shall furnish the Bid Security/EMD in one of the following ways:-

- a. Demand Draft/ Banker's cheque drawn in favour of "**AO (Cash) , O/o GMTD BSNL,**" and payable at Sangareddy.
- b. The following are the details for online payment :

1	Name of Beneficiary	AO Cash BSNL, Sangareddy Collection Account
2	Name of Bank	Bank of Baroda
3	Name of Branch	Sangareddy Branch

4	Account No.	31420200001587
5	IFSC Code	BARB0SANGAR (BARB-numeric zero-SANGAR)
6	MICR Code	500012026

- c. Bank Guarantee(s) from a Scheduled Bank in India, drawn in favor of “AO (Cash), BSNL, O/o GMTD, Sangareddy” and payable at Sangareddy, which should be valid for **210** days (i.e. one month above the offer/ bid validity period) from the tender opening date.

The MSE bidders registered with the designated MSME bodies like National Small scale Industries Corporation etc are exempted from payment of bid security. However, they shall furnish a proof regarding registration with bodies under the Ministry of Micro, Small & Medium Enterprises for the construction/Operations/Maintenance services in Telecom Industry / maintenance and installation of Optical Fiber cables, valid on the date of opening of the tender. The scope of area of the above MSE registered bidders must be for construction/ maintenance of underground telecom cables/ maintenance and installation of Optical Fiber cables /telecom outdoor network/BTS maintenance GSM/mobile BTS sites, Battery Sets, Power Plants, DG Sets, Installation of Telecom Services etc.

- 6 **Date & Time of Submission of Tender bids:** on or before 15:00 hrs of 30/05/2023 (**tender closing date**).

- 6.1 In case the **last** date of submission of bid is declared to be a holiday, the last date for submission of bid will get shifted automatically to next working day at the same scheduled time. Subsequently, the opening of bid will also 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 15.00 Hrs of 31/05/2023**

- 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 B** 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 GMTD, BSNL, Sangareddy, Medak BA, Telangana Circle 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.

- 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.

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.

All documents submitted in the bid offer should be preferably in English/Hindi/ State’s official language. In case the certificate viz. experience, registration etc. is issued in any other language

other than English/Hindi/ State's official language, the bidder shall attach a translation of the same in English/Hindi/ State's official language, duly attested by the bidder & the translator to be true copy in addition to the relevant certificate.

All computer generated documents should be duly signed/ attested by the bidder/ bidder organization.

- 13 The queries in respect of this bid document, if any, can be submitted through Email latest up to 16/
14 05/2023

BSNL Contact-1	
BSNL's Contact Person	AGM(Plg),O/o GM BA,BSNL,Sangareddy
Telephone& Mobile	9490000233
E-mail ID	agmplngsgd@gmail.com
BSNL Contact-2	
BSNL's Contact Person	CH.SRIRUPA SDE(Plg)
Telephone & Mobile	9490107989
E-mail ID	sdeplngsgd@gmail.com /

For and on behalf of General Manager,BSNL Sangareddy, Medak BA, Telangana Telecom Circle,.

AGM(PLG)
Tel.: 9490000233
E-Mail: agmplngsgd@gmail.com

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 :-

- I. Scanned copy of EMD.
- II. Scanned copy of payment of cost of tender document i.e. tender fee.
- III. Scanned copy of MSME certificate in case the bidder is MSE bidder.
- IV. Certificate(s) showing fulfillment of the eligibility criteria(s) stated in Clause 4 of the Detailed NIT.
- V. 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.
- VI. Copy of Articles and Memorandum of Association or Partnership deed or proprietorship deed as the case may be.
- VII. Details of the firm along with List of Directors on the Board of the Company, list of partners, as applicable.
- VIII. Attestation of the signature of the authorized signatory, issuing P o A , by Bank.
- IX. Bidder's Profile duly filled & signed as per Section-8.
- X. 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.
- XI. Letter of authorization for attending bid opening event as per Section -7 (C).
- XII. EPF, ESI & Labour License Registration certificates have to be submitted. The vendor should observe the Labour rules in force during the execution of the tender.
- XIII. Valid Goods and Services Tax (GST) Registration Certificate(s)
- XIV. Copies of IT return filed for any of the two consecutive financial years since 2020-21,IT returns should be related to the company transactions only.
- XV. No Near-Relationship Certificate duly filled & signed as per Section-6 (B).
- XVI. Undertaking & declaration duly filled & signed as per Section-6 (A).
- XVII. Duly signed Tender / Bid form-Section 9 Part A.
- XVIII. Client certificates issued to the consortium partner shall be submitted duly signed by consortium partner as per para 4.2 of Section-1.
- XIX. Valid Pan Card.
- XX. Documentary evidence for financial capability as per clause 10.2 Section-4 Part-A.
- XXI. Documentary evidence for technical capability as per clause 10.2 Section-4 Part-A
- XXII. Checklist of the documents submitted as per Annexure-2.

b. Financial envelope shall contain:

- I. Price Schedule (as per Section 9 Part-B).

c. Offline Documents:

The following documents are required to be submitted offline (i.e. **physical copies**) in a sealed envelope to AGM(PLG) O/o GMTD, BSNL Medak BA, Bypass road, Balajinagar, Sangareddy.-502 001 on or before the due date without which the bid will be REJECTED.

The envelope shall bear the tender number, name of work and the phrase: "Do Not Open Before (due date & time of opening of tender)".

- I. EMD – Bid security (in original) or Bank Transaction details with UTR Number towards the successful e-payment or bank guarantee.
- II. DD/ Banker's cheque of Tender fee (in original) or Bank Transaction details with UTR Number towards the successful e-payment.
- III. Original copy of Power of Attorney in accordance with Clause 14.3 of Section 4 Part A and authorization for executing the power of Attorney.

4. Payment terms

- a) The contractor shall submit monthly invoice on first week of next month along with joint performance report by the contractor and AGM in-charge of Mobile Network in that ZONE, in which details of unsatisfactory performance in up keeping, housekeeping, operation and maintenance leading failure of BTS affecting service, noncompliance of services etc. is to be categorically mentioned. Penalty is to be calculated as per LD/Penalty clause no.16 of Section-5, Part-A, and the penalty calculation sheet is to be signed by both parties as per Appendix IV of Section 3, i.e., BSNL authorities and contractor, which is to be attached with the monthly invoice. The AGM in-charge of Mobile Network in that ZONE, will have right to impose penalty in case of non agreement by the vendor for delay or slow progress of the work from the bills submitted for payment.
- b) Income tax at the prevailing rates with applicable surcharge & education-cess for which the bill has been passed will be deducted as tax at source, under relevant BSNL Rules. However, if any new legislation comes into effect for deduction of tax at source at any other rate, deduction will be made at that rate.
- c) Income Tax certificate can be viewed in 26AS on submission of returns by BSNL.
- d) The bills are to be submitted in **Triplicate** to the concerned Engineer in-charge of that zone. Payments will be made through RTGS/NEFT. The bidder has to intimate his bank account number and branch details for payment. In case of consortium, the bidder has to intimate the account number of lead bidder with branch details for payment.
- e) The final settlement of the bills and refund adjustment/appropriation of any amount retained, the contractor shall be made fully free after the Divisional Engineer/AGM concerned is satisfied that all the contractual obligations have been fully met and no amount remains due for recovery from the contractor on any count.
- f) The contractor shall be required to correct all defects reported by Engineer in-charge. Further on neglect on the part of the Divisional Engineer or his representative, to confirm or reject inferior work, notwithstanding, final acceptance of the work or any part thereof by the company/the Divisional Engineer/Engineer in-charge or his representative shall not be construed to imply the acceptance of

such work. The provisions of this clause shall not in any way affect or limit the contractor's liability under the undertakings and guarantee contained in the contract document.

Note: All statutory taxes and levies as applicable shall be deducted at source before payment.

- g) Each Tax invoice clearly indicating GST submitted by contractor must accompany the following documents with self-certification: -
 - (i) Penalty calculation sheet (Appendix IV of Section 3) jointly signed by the contractor and concerned AGM.
 - (ii) A declaration from the contractor regarding compliance of terms and conditions of EPF Act, ESI Act or valid workmen compensation Act and other statutory payments. Documentary proof is to be submitted for statutory payments of paid bills.
 - (iii) The contractors should produce the copies of valid labour license to carry out the work of "Up-keeping & maintenance of mobile BTS sites" with their first claimed monthly bill.
 - (iv) Online generated GST payment details of previous month shall be submitted with the invoice(s) for payments.
 - (v) If the contractor fails to submit the GST invoice and also, fails to upload the information on GSTN in respect of taxes / duties for which input tax credit is available, an amount equivalent to double the taxes / duties shall be deducted from the payment due to the contractor.

5. Duration of Contract (Validity of tender):

Normally contract will be awarded for one year. However, the BSNL reserves the right to extend the contract for further one year with +/- 50% of the approved tender value/Quantity, 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. In case of extension of duration the supplier/approved bidder shall submit applicable PBG valid for a period of 6 months over and above extended period.

SECTION-3, PART-A

SCOPE OF WORK

In order to ensure that BSNL's mobile customers to get services to their satisfaction; outsourcing of activities based on SLA has been adopted in BSNL. The Policy consists of the outsourcing model for BTS & Infrastructure maintenance for BSNL Sites(BTS Co-Located with CFA Exchange), NBSNL Sites (Hired BTS site without exchange site) & IP sites (Hired through IP- Infra Providers) including rigger activities and Diesel filling in DG sets & DG operations(Excluding IP sites)and Rigger activities for the Non – Outsourced Sites.

I. List of Activities Covered under BTS & Infrastructure Maintenance for Outsourcing

- A. BTS & Infrastructure Maintenance for BSNL sites (Excluding IP sites)
- B. BTS & Infrastructure Maintenance for Non-BSNL sites (Excluding IP sites)
- C. BTS Maintenance for Infrastructure Provider (IP) sites
- D. Rigger activities for BSNL, Non BSNL and IP sites
- E. Scope related to Diesel filling in DG Sets and DG operation (Excluding IP sites)

BSNL sites: BTS sites where co-located with CFA Exchanges .

Non BSNL sites: BTS sites without exchanges.

IP sites: Hired through IP- Infra Providers

- A. **BTS & Infrastructure Maintenance for BSNL sites (Excluding IP sites) (2G and/or 3G and/or 4G)**
 - i. These are the sites housing Mobile site collocated with Telephone Exchange (2G and/or 3G and/or 4G or a combination of them AND Telephone Exchange).
 - ii. Maintenance of Exchanges (The maintenance of Exchanges will include maintenance of Landline Exchanges, DSLAM, transmission equipments, USO Wife Hot Spots & other Exchanges equipments etc.) for keeping the equipments in working condition
 - iii. Cleaning, security (to the extent of alerting any abnormal observation at the site during visits, intimating police authorities promptly w.r.t. any incident, ensuring functioning of lock & key and up keeping of the site including all equipment, tower surroundings, shelter/OD cabinet, Media equipment, DG etc. This includes bush cutting in the BTS sites/ Exchanges in open areas. All tools & Cleaning material to be provided by the bidder.
 - iv. Exchange/ BTS site cleaning including BTS & Exchange equipment`s, Roof Area, Compound Area. Cleaning to be carried out by blower etc. (Equipments for cleaning to be provided by the Vendor).
 - v. All leftover BTS related alarms, if any need to be made functional and to be extended upto OMCR within one month of operation. Equipment required for Alarm Extension to be provided by BSNL.
 - vi. Prompt action on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance in rectification of alarms/ faults in BTS site/ Exchange, DSLAM, other equipment.
 - vii. The Bidder should ensure that fault is attended even in case of water-logging due to rain etc., the maintenance staff should be provided necessary accessories/gum-boots etc.
 - viii. Replacement of the faulty modules with repaired modules as per instructions of Site Incharge.

- ix. In case of BTS/Exchange outages due to card faults of BTSs / NODE-Bs/ e-Node Bs/ Exchange fault, replace the fault items with the spare module/ cards as per instructions of BSNL Site In charge.
- x. Faulty card/ units of BTS sites and other equipments need to be deposited at designated centre as per requirement and collection of repaired unit. It will be the responsibility of bidder to transport equipment with utmost care and during transportation no cards/units get damaged.
- xi. In case of BTS/ exchange outages due to card faults of rectifier modules fault of power plant etc, replace the faulty items with the spare module / cards available from normal spare availability location or from nearby sites as directed. The card / module extraction / insertion and transport shall be as per the recommended practice of the OEM / guidance of BSNL.
- xii. Any Mini Link/ OFC failure to be intimated to site in charge for prompt restoration of OFC fault, details of visual alarm noticed to be communicated to the maintenance In-charge.
- xiii. To check Earth Connectivity is available at BTS/ Node B/ e-Node Bs. All measuring instruments to be provided by the vendor.
- xiv. Vendor personnel should be provided with photo ID cards by Outsourcing Vendor.
- xv. The field staff being deployed should be provided with 2 SIMs one of BSNL & other from private TSPs for communication when BTS site is down. The list of same shall be provided at the time of Agreement. In case of any change in staff during the contract, the same shall be updated. BSNL employees too will share their 2 Mobile nos. of BSNL and other TSP
- xvi. Maintaining EMF related boards and help in providing data for Biennial/Triennial submission of EMF Radiation for Mobile sites. (Bidder shall assist in Biennial/Triennial related activities like getting photograph & uploading to SSA CMTS Team etc.).
- xvii. Assistance in handling of minor store items.
- xviii. Ensure working of Power plant alarms with OMC-R.
- xix. First line maintenance of power plants, battery and any problem reported (Any problem to be reported within 3hrs.)
- xx. Bidder to perform Preventive Maintenance activities as per the PM Annexure, will maintain the register for this activity and will submit the copy of the same duly verified by concerned unit-in-charge along with monthly bill.
- xxi. Periodically check-up power plant modules working, load sharing and ensuring sufficient Modules are available for Equipment in consultation with Site Incharge and Charging of Battery.
- xxii. Tightening of all nuts/ screws in interconnecting point of power cable from EB panel board to each equipment
- xxiii. To ensure the power plant/ control card is functioning properly so that battery do not go to deep discharge.
- xxiv. In case of any Power Plant outages due to fault in control card intimation to be given to Site In charge for attending the same on priority.

- xxv. The bidder has to supply and maintain a log book in every site/ Exchange. It is the responsibility of the bidder to update the logbook promptly. All the log books get signed by the concerned officer in charge in the first week of next month and submit with the invoice.
- xxvi. Conducting Battery Backup test with Existing Load at least quarterly & record the same in Log Book.
- xxvii. Bidder has to provide related testing equipments and necessary conveyance to discharge the functions listed in the tender.
- xxviii. Air filter cleaning in BTS/ Node B/ e-Node B, every month and entry in log book of site.
- xxix. Routine check of free cooling systems available at site and DG set and other Equipments i.e. BTS/ Media etc. and record the same in log book as per the periodicity defined for the visit (monthly). Reporting of any alarms/faults/untoward incident to the concerned officer.
- xxx. Monitoring of Power Plant voltage and smooth change over in the absence of electricity.
- xxxi. To provide assistance under various exchange site activities includes minor civil and electrical works such as repair/replacement of MCB, & Switch, Aviation bulb, EB service cable, armoured AC cable replacement up to DG, repair/replacement of parts of LT panel/ lighting fixtures / smoke & fire alarm system / site earthing / surge protection / A/C unit etc.
- xxxii. Preventive checks and maintenance of Earthing & Lightning Protection systems including periodic checking/correction of these systems to ensure that all equipments are protected against surge/lightning related damages. This includes augmentation of the existing earthing/ lightning system where ever required, replacement of any rusted components, tightening of joints, replacement of lightning damaged components in infra equipments/electrical circuitry including ELCBs/surge protection devices/fuses/cables etc.
- xxxiii. Maintenance of Tower Aviation light. Bidder to ensure working of Aviation light.
- xxxiv. Due to heavy dust, temperature of BTS increases and efficiency degrades. Hence, cleaning of all types of BTS/ Exchange equipment & other infrastructure need to be carried out. This should be done using proper tools (to be arranged by the bidder) including vacuum cleaner and under supervision.
- xxxv. Assistance to transmission media team for extension of loop test, observation of alarm indicators, giving reset etc for troubleshooting shall be done. Testing of E1/FE/GE and other media activities from BTS site to BSC /RNC related equipment (looping/ measuring of Optical power) as and when required
- xxxvi. Periodicity of visit to be at least once in 3 days for BSNL sites
- xxxvii. Site visit/ inspection/ cleaning activity proof to be provided at least once in a month to Site in charge
- xxxviii. Report EB failure of sites to concerned EB unit and intimate the docket no: if any, to concerned BSNL official. Constant coordination with Electricity Board/Corporation for restoration of power in consultation with BSNL Site Incharge and after restoration of EB power, ensure proper working of PP/DG.
- xxxix. BSNL may allocate work of collection of EB bills and submission to the concerned site in charge, submission of EB cheques to EB office from BSNL office, note down the closing electricity meter reading every month in every site and will intimate the same to the field officer along with entry in

log book. Abnormal meter reading cases is to be immediately brought to the notice of the Concerned BSNL-in-charge. Electricity Bill collection/ correction (if wrong/ average) and intimation to concerned site in charge. Regarding Replacement of faulty electrical meter case to be immediately reported to the Concerned BSNL-in-charge.

- xl. Prevent misuse of electricity from the site. Penalty to be imposed if theft/misuse of electricity is detected as assessed by BSNL. This will be over and above the other penalties and will not be subject to capping if any
- xli. Sanction from EB/ police authorities to be arranged by the Vendor wherever necessary.
- xlii. The fire & smoke cum intruder detection systems installed in BTS sites are to be maintained by the bidder for its proper working. Periodic checking for the proper working of these systems and necessary repair/ replacement of faulty units are to be carried out by the bidder. The bidder shall maintain the fire extinguisher of CO2 in all BTS/exchange sites under maintenance.
- xliii. Routine check and Maintenance of Earth of power plant /BTS/ exchange and record the same in log book.
- xliv. Watering earth pit and ring earth of the tower.
- xlv. Battery cell replacement shall be done by the Bidder as & when required. This may involve rearrangement of the cells from other sites. Periodical check-up of power plant modules working, load sharing and ensuring sufficient Modules are available for Equipment in consultation with SiteIn charge and Charging of Battery
- xlvi. Bidder to deploy the skilled resources for cluster maintenance minimal per 10 sites for better maintenance and fault rectification. These numbers could be fixed by the respective BA/ Circle based on area specific condition.
- xlvii. In case of any loss or theft of any material/equipment at BTS site, concern person of bidder at BTSSite is liable to lodge the DDR (Daily diary register) / FIR within one hour for the same to Police Authority and get CSR from police authorities. Primary responsibility is of bidder, if required BSNL site incharge will extend the help.
- xlviii. Bidder has to take "Take Over Certificate" of a BTS site along with all hardware /equipment details before commencement of contract from concern site in charge of BSNL
- xlix. For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder.

B. BTS & Infrastructure Maintenance for Non-BSNL sites (Excluding IP sites)(2G and/or 3G and/or 4G)

- i. These are the sites housing only Mobile sites either 2G and/ or 3G and/ or 4G or a combination of them.
- ii. Cleaning, security (to the extent of alerting any abnormal observation at the site during visits, intimating police authorities promptly w.r.t. any incident, ensuring functioning of lock & key.) and upkeep of the site including all equipment, tower surroundings, shelter/OD cabinet, Media equipment, DG etc. This includes bush cutting in the BTS sites in open areas. All tools & Cleaning material to be provided by the bidder

- iii. All leftover BTS related alarms, if any need to be made functional and to be extended upto OMCR within one month of operation. Equipment required for Alarm Extension to be provided by BSNL.
- iv. Prompt action on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance in rectification of alarms/ faults in site.
- v. The Bidder should ensure that fault is attended even in case of water-logging due to rain etc., the maintenance staff should be provided necessary accessories/gum-boots etc.
- vi. The bidder must ensure that the staff attending the BTS site will never engage into any argument with landlords for NBSNL sites. If site technician/security/caretaker refuses to allow access to site during both Normal and odd hours, the staff should immediately report to Site In charge and mustnot leave site until the Site in-charge gives permission to do so
- vii. Replacement of the faulty modules with repaired modules as per instructions of Site Incharge
- viii. In case of BTS outages due to control card faults of BTSs/ NODE-Bs/ e-Node Bs fault, replace thefault items with the spare module/ cards as per instructions of BSNL Site In charge.
- ix. Faulty card/ unit to be deposited at designated centre as per requirement & collection of repaired unit. (It will be the responsibility of bidder that during transportation no cards/units get damaged).
- x. In case of BTS outages due to card faults of rectifier modules fault of power plant etc, replace the faulty items with the spare module /cards available from normal spare availability location or from nearby sites as directed. The card/module extraction/insertion and transport shall be as per the recommended practice of the OEM/guidance of BSNL
- xi. Any Mini Link/ OFC failure to be intimated to site in charge for prompt restoration of OFC fault, details of visual alarm noticed to be communicated to the maintenance In-charge.
- xii. To check Earth Connectivity is available at BTS/ Node B/ e-Node Bs (All measuring instruments to be provided by the vendor).
- xiii. Vendor personnel should be provided with photo ID cards by Outsourcing Vendor
- xiv. The field staff being deployed should be provided with 2 SIMs one of BSNL & other from private TSPs for communication when BTS site is down. The list of same shall be provided at the time of Agreement. In case of any change in staff during the contract, the same shall be updated. BSNL employees too will share their 2 Mobile nos. of BSNL and other TSP
- xv. Maintaining EMF related boards and help in providing data for Biennial/Triennial submission of EMF Radiation for Mobile sites. (Bidder shall assist in Biennial/Triennial related activities like getting photograph &uploading to SSA CMTS Team etc.).
- xvi. Assistance in handling of minor store items.
- xvii. Ensure working of Power plant alarms with OMC-R.
- xxviii. First line maintenance of power plants, battery and any problem reported (Any problem to be reported within 3 hrs)
- xix. Bidder to perform Preventive Maintenance activities as per the PM Annexure, will maintain the register for this activity and will submit the copy of the same duly verified by concerned unit-in-charge along with monthly bill.
- xx. Periodically check-up power plant modules working, load sharing and ensuring sufficient Modules are available for Equipment in consultation with Site Incharge and Charging of Battery.
- xxi. Tightening of all nuts/ screws in interconnecting point of power cable from EB panel board to each equipment.
- xxii. To ensure the control card is functioning properly so that battery do not go to deep discharge.
- xxiii. In case of any Power Plant outages due to fault in control card intimation to be given to Site In charge

for attending the same on priority.

- xxiv. The bidder has to supply and maintain a log book in every site. It is the responsibility of the bidder to update the logbook promptly. All the log books get signed by the concerned officer in the first week of next month and submit with the invoice
- xxv. Conducting Battery Backup test with Existing Load at least in quarterly & record the same in Log Book.
- xxvi. Bidder has to provide related testing equipments & necessary conveyance to discharge the functions listed in the tender.
- xxvii. Air filter cleaning in BTS/ Node B/ e-Node B, every month and entry in log book of site.
- xxviii. Routine check of free cooling systems available at site and DG set and other Equipments i.e. BTS/ Media etc. and record the same in log book as per the periodicity defined for the visit (monthly). Reporting of any alarms/faults/untoward incident to the concerned officer.
- xxix. Monitoring of Power Plant voltage and smooth change over in the absence of electricity.
- xxx. To provide assistance under various BTS site activities includes minor civil and electrical works such as repair/replacement of MCB, & Switch, Aviation bulb, EB service cable, armoured AC cable replacement up to DG, repair/replacement of parts of LT panel/ lighting fixtures / smoke & fire alarm system / site earthing / surge protection/ A/C unit etc.
- xxxi. Preventive checks and maintenance of Earthing & Lightning Protection systems including periodic checking/correction of these systems to ensure that all equipments are protected against surge/lightning related damages. This includes augmentation of the existing earthing/ lightning system where ever required, replacement of any rusted components, tightening of joints, replacement of lightning damaged components in infra equipments/electrical circuitry including ELCBs/surge protection devices/fuses/cables etc
- xxxii. Maintenance of Tower Aviation light. Bidder to ensure working of Aviation light.
- xxxiii. Due to heavy dust, temperature of BTS increases and efficiency degrades. Hence, cleaning of all types of BTS equipment & other infrastructure need to be carried out. This should be done using proper tools (to be arranged by the bidder) including vacuum cleaner and under supervision.
- xxxiv. Assistance to transmission media team for extension of loop test, observation of alarm indicators, giving reset etc for troubleshooting shall be done. Testing of E1/FE/GE and other media activities from BTS site to BSC/ RNC related equipment (looping/ measuring of Optical power) as and when required.
- xxxv. Periodicity of visit to be once in 5 days for NBSNL sites
- xxxvi. Site visit / inspection / cleaning activity proof to be provided at least once in a month to the Site Incharge
- xxxvii. Report EB failure of sites to concerned EB unit and intimate the docket no: if any, to concerned BSNL official. Constant Coordination with Electricity Board/ Corporation for restoration of power in consultation with BSNL Site Incharge and after restoration of EB power, ensure proper working of PP/DG.

- xxxviii. BSNL may allocate work of collection of EB bills and submission to the concerned site in charge, submission of EB cheques to EB office from BSNL office, note down the closing electricity meter reading every month in every site and will intimate the same to the field officer along with entry in log book. Abnormal meter reading cases is to be immediately brought to the notice of the Concerned BSNL-in-charge. Electricity Bill collection/ correction (if wrong/ average) and intimation to concerned site in charge. Regarding Replacement of faulty electrical meter case to be immediately reported to the Concerned BSNL-in-charge.
- xxxix. Prevent misuse of electricity from the site. Penalty to be imposed if theft/misuse of electricity is detected as assessed by BSNL. This will be over and above the other penalties and will not be subject to capping if any
- xl. Sanction from EB/ police authorities to be arranged by the Vendor wherever necessary
- xli. The fire & smoke cum intruder detection systems installed in BTS sites are to be maintained by the bidder for its proper working. Periodic checking for the proper working of these systems and necessary repair/replacement of faulty units are to be carried out by the bidder. The bidder shall maintain the fire extinguisher of CO2 in all BTS sites under maintenance.
- xlii. Routine check and Maintenance of Earth of power plant / BTS and record the same in log book.
- xliii. Battery cell replacement shall be done by the Bidder as & when required. This may involve rearrangement of the cells from other sites. Periodical check-up of power plant modules working, load sharing and ensuring sufficient Modules are available for Equipment in consultation with Site In charge and Charging of Battery
- xliv. Bidder to deploy the skilled resources for cluster maintenance minimal per 10 sites for better maintenance and fault rectification. These numbers could be fixed by the respective BA/ Circle based on area specific condition
- xlv. In case of any loss or theft of any material/equipment at BTS site, concern person of bidder at BTS site is liable to lodge the DDR (Daily diary register) / FIR within one hour for the same to Police Authority and get CSR from police authorities. Primary responsibility is of bidder, if required BSNL site incharge will extend the help.
- xlvi. Bidder has to take "Take Over Certificate" of a BTS site along with all hardware /equipment details before commencement of contract from concern site in charge of BSNL
- xlvii. For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder.

C) BTS Maintenance for Infrastructure Provider (IP) sites (2G and/or 3G and/or 4G)

- i. These are the Infrastructure Providers (IP) sites housing only Mobile sites either 2G and/ or 3G and/ or 4G or a combination of them.
- ii. All leftover BTS related alarms at IP sites, if any need to be made functional and to be extended upto OMCR within one month of operation. Equipment required for Alarm Extension to be provided by BSNL.
- iii. Prompt action on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance in rectification of alarms/ faults in site.
- iv. The Bidder should ensure that fault is attended even in case of water-logging due to rain etc., the

maintenance staff should be provided necessary accessories/gum-boots etc.

- v. The bidder must ensure that the staff attending the IP site BTS will never engage into any argument with IP site security/caretaker/technician. If site technician/security/caretaker refuses to allow access to site during both Normal and odd hours, the staff should immediately report to Site In charge and must not leave site until the Site in-charge gives permission to do so.
- vi. Replacement of the faulty modules with repaired modules as per instructions of Site Incharge
- vii. In case of BTS outages due to card faults of BTSs/ NODE-Bs/ e-Node Bs fault, replace the fault items with the spare module /cards as per instructions of BSNL Site In charge
- viii. Faulty card/units of BTS sites and other equipments need to be deposited at designated centre as per requirement & collection of repaired unit. It will be the responsibility of bidder that during transportation no cards/unit get damaged.
- ix. Any Mini Link/ OFC failure to be intimated to site in charge for prompt restoration of OFC fault, details of visual alarm noticed to be communicated to the maintenance In-charge.
- x. Air filter cleaning in BTS/ Node B/ e-Node B, every month and entry in log book of site.
- xi. For prolonged failure of Electricity as intimated by BSNL officer, Coordination for restoration of EBin consultation with IP In charge.
- xii. To check Earth Connectivity is available at BTS/ Node B/e-Node Bs (All measuring instruments to be provided by the vendor).
- xiii. Vendor personnel should be provided with photo ID cards by Outsourcing Vendor
- xiv. The field staff being deployed should be provided with 2 SIMs one of BSNL & other from private TSPs for communication when BTS site is down. The list of same shall be provided at the time of Agreement. In case of any change in staff during the contract, the same shall be updated. BSNL employees too will share their 2 Mobile nos. of BSNL and other TSP.
- xv. Maintaining EMF related boards and help in providing data for Biennial/Triennial submission of EMF Radiation for Mobile sites. (Bidder shall assist in Biennial/Triennial related activities like getting photograph & uploading to SSA CMTS Team etc.).
- xvi. Assistance in handling of minor store items.
- xlviii. Ensure working of Power plant alarms with OMC-R.
- xlix. First line maintenance of BTS/ media equipment and any problem reported.
- xvii. Bidder to perform Preventive Maintenance activities as per the PM Annexure, will maintain the register for this activity and will submit the copy of the same duly verified by concerned unit-in-charge along with monthly bill.
- xviii. In case of any Power Plant outages due to fault in control card intimation to be given to Site In charge/ IP incharge for attending the same on priority.
- xix. Bidder has to provide related testing equipments and necessary conveyance to discharge the functions listed in the tender.
- xx. Bidder should provide safety shoes, helmets to maintenance staffs as per safety regulations of IPs e.g. INDUS, ATC for attending faults in IP sites
- xxi. Routine check of Equipments i.e. BTS/ Media etc. and record the same in log book as per the periodicity defined for the visit (monthly). Reporting of any alarms/faults/untoward incident to the concerned officer.

- xxii. Periodicity of visit to be atleast once in 2 weeks for IP sites.
- xxiii. Site visit/ inspection/ cleaning activity proof to be provided at least once in a month to Site Incharge.
- xxiv. Due to heavy dust, temperature of BTS site increases and efficiency degrades. Hence, cleaning of all types of BTS/media equipment need to be carried out. This should be done using proper tools (to be provided by the bidder) including vacuum cleaner and under supervision.
- xxv. Cleaning of the site including BTS OD cabinet & Media equipment etc. All tools & Cleaning material to be provided by the bidder
- xxvi. Assistance to transmission media team for extension of loop test, observation of alarm indicators, giving reset etc for troubleshooting shall be done. Testing of E1/FE/GE and other media activities from BTS site to BSC/RNC related equipment (looping/ measuring of Optical power) as and when required.
- xxvii. For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder.

D. Rigger activities for BSNL, Non-BSNL and IP sites

- (i) Dismantling of Antenna
- (ii) Installation of Antenna
- (iii) Dismantling of Antenna Fixture (for phase/ Space diversity antenna)
- (iv) Fixation of Antenna Fixture (for phase/ Space diversity antenna)
- (v) Height lowering of Phase Diversity Antenna along with fixture
- (vi) Hoisting of RF Cable including connectorisation
- (vii) Removing of RF Cable
- (viii) Installation of Microwave Dish Antenna (Mini Link)
- (ix) Dismantling of Microwave Dish Antenna (Mini Link)
- (x) Microwave Link LOS work including ODU replacement
- (xi) ODU Replacement for Mini link.
- (xii) Re-orientation/ Tilt adjustment of Antenna.
- (xiii) Verification/ Replacement of weather proof tapes to prevent water entry.
- (xiv) Verification/ replacement of connectors/ fittings and removal of VSWR including connectorisation and weather proofing.
- (xv) Assistance in Verification/correction of MW LOS.
- (xvi) Verification/ correction of Lightning Arrestor and its fittings.
- (xvii) Sector addition.
- (xviii) Antenna Changing.
- (xix) Microwave Fault attending.
- (xx) Microwave installation/replacement.
- (xxi) CPRI cable fault attending/replacement.
- (xxii) Feeder/ RF/ OF cable fault attending and replacement.
- (xxiii) 2G/3G/4G booster installation.
- (xxiv) 2G/3G/4G Repeater installations.
- (xxv) Any other related works in Tower.

- (xxvi) Antenna Orientation & Tilt as per requirement for optimization.
- (xxvii) VSWR fault rectification per sector (includes reconnectorisation, jumper cable change & weather proofing) (Handheld VSWR meter to be provided by the Vendor as per requirement)
- (xxviii) Checking & correction of RF cable/ Fiber swap, Antenna at RRH, removal of bird/honey bee/wasp nest.
- (xxix) Hoisting of CIPRI cable to RRH (Base Unit to RX unit on tower), per meter
- (xxx) Connectorization of CIPRI Cable at RRH, per Site
- (xxxi) Hoisting of Power cable to RRH (Base Unit to RX unit on tower), per meter
- (xxxii) Connectorization of Power Cable including boot sealing, at RRH, per Site
- (xxxiii) Running of Earthing Cable with connectorization to RRH, per meter
- (xxxiv) VSWR fault rectification per sector (includes reconnectorization, jumper cable change & weather proofing), at RRH and Antenna ends
- (xxxv) Hoisting of IF cable with connectorization, per meter
- (xxxvi) RF module dismantling with SFP, per module
- (xxxvii) Fixing of wall mounting fixture, per fixture
- (xxxviii) Installation of RF cable tray for wall mounting Antenna per meter
- (xxxix) Installation of Micro/ Macro BTS Equipment per unit
 - xl. Laying of RF Cable per meter for Micro BTS (50M /site)
 - xli. Installation of Splitter including connectorization
 - xlii. Installation of Patch/Panel/ Omni antenna with connectorization
 - xlili. RF Repeater Installation including Yagi/ Panel Antenna & RF Cable of 25M.
 - xliv. Completion of ordered RF optimization/ rigger activity.
 - xlv. Restoration of Rigger related fault resulting in site fully/ partially down
 - xlvi. RRH replacement (dismantling and installation) in case of faulty one or new one
 - xlvii. RRU link (Link between BBU-RRH link) restoration for RRH sites along with provision to provide the RRU link materials if found damaged).
 - xlviii. If the microwave IDU/ODU IF connector faulty, the bidder is to arrange these IF connectors and replace them
 - xliv. EGB / IGB fixing.
 - l. Grounding of feeder cable.
 - li. Laying of RF jumper cable and Connectorization of jumper cable.
 - lii. Fixing of surge arrestors.
 - liii. Heat shrinks joint at Indoor jumper / power cables.
 - liv. Hoisting / de-hoisting of RRH.
 - lv. Hoisting / de-hoisting of Microwave IF cable from IDU to ODU on tower with connectorization.
 - lvi. Hoisting / de-hoisting of Radio modem ODU with antenna.
 - lvii. De-hoisting CAT (1+1) cable from antenna(ODU) on tower to IDU.
 - lviii. A l i g n m e n t of Radio modem antenna at A and B end for link up of the system.
 - lix. Rigger activities including Hoisting / Dehoisting of all type of RF work
 - lx. Hoisting / Dehoisting of Heavy RF material require supporting workers and may be included in tender.
 - lxi. RRH/RRU attending or replacing antennae required additional man power apart from rigger alone.In

present tender we struggled each time arranging additional manpower during replacement of faulty RRU/RRH. Such arrangements should be there in new tender.

- lxii. Changing of OVP (Over Voltage protection)
- lxiii. All measuring/ safety materials and proper dedicated transport to be provided by the Vendor, BSNL will not be liable for any claim against any accident/ mishappening occurs while performing any task defined under this tender by the bidder personnel.
- lxiv. Any other activity with minor modification in RF as per guidance of BSNL
- lxv. For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder

E. Scope related to Diesel filling and DG operation (Excluding IP sites):

- i. BSNL has an MOU with oil companies for procurement of diesel from their specified outlets through petro/ fleet cards. Petro/ fleet card will be issued to the vendor or his authorized person & payment will be made directly to the oil companies by BSNL. The bidder(s) shall draw diesel by means of the fleet card/petro- cards under the control of SDE/ SDO. The bidder(s) shall use appropriate vehicles (to be arranged by the bidder) for transportation of diesel from the designated nearest petrol pump to the sites. Any loss/ misuse of the petro/ fleet cards issued to the vendor will be the responsibility of the Vendor. Any such losses will be recovered by BSNL from the vendor by adjusting against the payment due to the service provider or will be recovered from PBG.
- ii. In the case of any pilferage/ misuse causing loss to BSNL, a penalty of 200% of the loss or as decided by the competent authority of BSNL will be imposed on the bidder. Any reduction in the diesel cost/ loyalty benefits in view of the MOU will be availed by BSNL. It will be the responsibility of the bidder to reconcile the diesel consumption as per actual usage in field with that in petrol/ fleet card account.
- iii. The diesel filling in specified BTS sites shall be carried out on a periodic basis, including transportation from Petrol Pump. On an average, every site needs diesel filling as and when required. The service provider shall study the alarms extended from the BTS to learn about the power outage and swiftly act to fill the diesel. Hence, the requirement pattern shall be studied by the supplier and fuel filling be designed accordingly, so as to ensure the availability of fuel ensuring 4 hours of back-up.
- iv. Obtaining a special permit, if any required, from the Motor vehicle department or any other authority for transporting diesel in bulk through motor vehicle shall be the responsibility of the contractor.
- v. Checking the level of diesel in the DG tank at the time of filling (opening level & closing level) and making necessary entries in the prescribed log book for diesel filling. If there is any kind of dispute regarding the diesel consumption, in that case a joint team of bidder(s) and BSNL will carry out the diesel consumption check on the disputed site and the average checked will be used for both retrospective as well as prospective reimbursements for that sites.
- vi. BSNL will not be responsible for any delay in payment of invoices or expenses due to any error, incomplete statement or late receipt of the same.
- vii. The bidder(s) should have technical support to determine and judge the number of electricity units generated by using one litre of diesel fuel. Actual consumption of diesel at site will be verified with the help of CPH, DG HOUR METERS, DG KWH METERS.
- viii. Pilferage of diesel will lead to severe penalty and recovery from the vendor. Therefore, this is in the interest of both Vendors and BSNL that correct hour meter and KWH Meter readings to ascertain actual consumption shall be exhibited at the site, which will be verified by BSNL, from time to time.

Records of these parameters shall invariably be maintained. DG servicing and tuning /maintenance should be done to have the maximum fuel efficiency. However, the frequency of DG shall be maintained to the standard level only.

- ix. The Average load of the site shall be reviewed based on actual measurement on quarterly basis. The mechanism of testing and determination of average load shall be decided by department.
- x. Entering DG & Battery voltage readings/status in the BTS site log book
- xi. Checking the meter reading in the DG run hour meter (opening and closing readings) and Controller logged hours (if available) and making entries of DG run hours in the Prescribed log book.
- xii. Running of DG sets as and when required at any time of the day or night. Assisting in Diesel filling.. Assistance in the handling of minor store items.
- xiii. During the availability of main electric supply, DGs are not to be run. The operator shall keep the track of drainage of exchange battery voltage and shall start only when the voltage drops to 49 V.
- xiv. In the event of EB supply failure, operator shall operate DG after verifying the sufficient drainage of Exchange battery voltage. If power is not resumed within two hour, he may stop the EA Set and again allow the exchange battery voltage to drain sufficiently. The same sequence should continue till resumption of power supply
- xv. Arranging test run in case, if any dispute arise between the Contractor and the BSNL official concerned.
- xvi. The fuel utilization reconciliation will be based on CPH based validation with run hr meter count plus DG run readings from OMCR/NOC.As per BTS load and capacity of DG, the average CPH may be taken as 2.2 Liter / Hour for DG Sets up to 15 KVA capacity and 2.7 Litre/ Hour for more than 15KVA capacity. However, this is indicative data and actual CPH may depend on individual make/capacity and will be informed by site incharge.
- xvii. DG hour meter and KWH meter and AMF panel incorporated in DG to be kept in working condition and any tampering / fault will entail penalty as well as action for recovery of losses to BSNL.
- xviii. DG battery should be maintained, safeguarded and kept in charged condition at the site so as to start the DG at the time of main supply outage. Life of DG battery is minimum two years. Therefore, if any damage happens to the battery within this period, the agency has to replace it free of cost. At the time of hand over, healthy battery will be provided (approximate used period / manufacturing date will also be indicated).
- xix. Other than the periodic refilling, whenever there is an emergency requirement based on OMCR low fuel alarm or message given by the concerned officer, refilling shall be arranged within three hours on getting such intimation
- xx. BSNL may order for Diesel filling for specific site as per requirement. Ordered diesel filling should be done by the Vendor within 24 hours of intimation.
- xxi. A monthly Site wise statement detailing the opening balance of diesel, diesel filled during the month, closing balance, DG run hours etc shall have to be submitted by the bidder(s) to BSNL.
- xxii. BSNL reserves the right to incorporate and ask for any other reconciliation / operation report during the currency of tender.

- xxiii. The service provider/contractor shall ensure that the DG should be run in case of power failure. The agency has to develop a methodology of getting information of power failure and action to start and stop EA Set accordingly. After power failure and as per the battery voltage conditions, the firm shall make arrangements for DG Start and stop in case auto mode operation of DG set is not functional
- xxiv. A-check of DGs including its test operation, monitoring of fuel/ oil/ coolant level, check leakage if any, test operation of changeover of MSEB/DG supply etc shall be done. All alarms of DG such as Low fuel level, DG on load shall be kept up-to-date for log verifying log book entries.
- xxv. **Proper maintenance of earth I /c watering & checking for healthiness up to DG is to be done, to have a stable power supply EA Set.**
- xxvi. The payment of diesel cost from BSNL will be limited to actual consumption based on log book after applying the ceiling limit based on the consumption computed with Run Hour meter reading and per hour consumption indicated in this tender document, on a which-ever-less basis.
- xxvii. The payment will be based on logbook entries, but will be limited to monthly consumption based on run hour meter reading and the average consumption in liters/hour for each DG shall be measured along with the BSNL team and jointly signed off soon after any site is added in work order for diesel filling. In general, as per BTS load and capacity of DG, the average CPH may be taken as 2.2 LITRE / HOUR for DG Sets up to 15 KVA capacity and 2.7 Liter/Hour for more than 15KVA capacity. It is to be noted that in no case, hour meter remain non operational for consecutivemonths
- xxviii. The bills will be verified, passed & forwarded by BSNL representative based on the consumption in liters / Hour indicated in the tender document. Any extra cost incurred will be the responsibility of the bidder. If the diesel cost through Petro/ fleet card is found to be less than the diesel consumption based on mileage, the bidder will not have any claim for the additional cost.
- xxix. The sites for which even one instance of diesel filling in the month is not recorded will not be considered for Diesel filling expenses for the said month.
- xxx. In the case of MOU with oil companies, BSNL will pay directly to the Oil companies. Any excess usage of Diesel after tallying with log book entries/Run hour meter will be adjusted from bills at the end of every quarter.
- xxxi. The bidder has to supply and maintain a log book in every site/ Exchange for Diesel filling. It is the responsibility of the bidder to update the logbook promptly on Diesel filling.
- xxxii. Concerned BSNL officers will periodically verify the logbook entries and put their initials. The bidder has to seal and lock the hour meter in the presence of BSNL representative. Every month the hour meter reading is to be noted by bidder along with the BSNL representative and a consolidated statement along with log book reports is to be submitted by the bidder. Under any circumstances if any of the units like run hour meter is faulty then the diesel filling should be done under the supervision of any of the BSNL officers/ persons authorized by BSNL.
- xxxiii. If the bidder provider feels that average consumption per hour in that site is to be reviewed due to aging of DG or other factors then a test run can be requested by the bidder to recalculate the Average consumption/hour for that particular site. The test run will be conducted by a joint team. consisting of representatives of bidder and BSNL. Once having jointly signed off on CPH, review will not be made for another six months.

- xxxiv. If any fraudulent activity by the personnel deployed in filling of diesel/ running of DG in Mobile sites is detected by BSNL authorized personnel/officer, then the bidder(s) is liable to pay penalty as assessed by BSNL i.e. the cost of consequential damages to installation(s)/DG set(s) would be deducted at actual, from the bidder's bill. This will be over and above the other penalties and will not be subject to capping if any.
- xxxv. For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder

DG Set Maintenance Activities

Weekly/ monthly DG check schedule need to be followed and any problem need to be communicated to Mobile/Exchange site In-charge. Weekly/ monthly schedule along with the maintenance activities to be covered will be communicated by Mobile/ Exchange site Incharge. Suggestive activities are as below:

- i. Make sure there are no fluid leaks
- ii. Run the generator (typically no-load, automatic transfer switch exercise cycle).
- iii. Verify that the unit ran and has no alarms or warnings.
- iv. Ensure adequate fuel levels.
- v. Ensure that the generator is in "Auto" mode, for automatic startup.
- vi. Check engine coolant level.
- vii. Check engine oil level.
- viii. Check the battery charger.
- ix. Run the generator (with load, automatic transfer switch exercise cycle).
- x. Manual assistance in changeover of MSEB/DG supply and attending to minor faults like tripping of switches, manual changeover in AC units, swapping of power plant unit etc.
- xi. Routine check of DG, Power plant, Battery and Equipments and record the same in log book as per the instructions given in the log book. Reporting of any alarms/ faults/ untoward incident to the concerned officer.
- xii. Assisting in Diesel filling in the DG Set available at the site.
- xiii. Check the battery electrolyte level and specific gravity.
- xiv. Check battery cables and connections.
- xv. Inspect drive belts.
- xvi. Inspect the coolant heater.
- xvii. Check coolant lines and connections.
- xviii. Check for oil leaks and inspect lubrication system hoses and connectors.
- xix. Check for fuel leaks and inspect fuel system hoses and connectors.
- xx. Inspect the exhaust system, muffler and exhaust pipe.
- xxi. Check and clean air cleaner units.
- xxii. Inspect air induction piping and connections.
- xxiii. Inspect the DC electrical system, control panel and accessories.
- xxiv. Inspect the AC wiring and accessories.

SECTION-3, PART-B

I. Scope related to Rigger activities for Non – Out sourced sites

- i) Dismantling of Antenna
- ii) Installation of Antenna
- iii) Dismantling of Antenna Fixture (for phase/ Space diversity antenna)
- iv) Fixation of Antenna Fixture (for phase/ Space diversity antenna)
- v) Height lowering of Phase Diversity Antenna along with fixture
- vi) Hoisting of RF Cable including connectorisation
- vii) Removing of RF Cable
- viii) Installation of Microwave Dish Antenna (Mini Link)
- ix) Dismantling of Microwave Dish Antenna (Mini Link)
- x) Microwave Link LOS work including ODU replacement
- xi) ODU Replacement for Mini link.
- xii) Re-orientation/ Tilt adjustment of Antenna.
- xiii) Verification/ Replacement of weather proof tapes to prevent water entry.
- xiv) Verification/ replacement of connectors/ fittings and removal of VSWR including connectorisation and weather proofing.
- xv) Assistance in Verification/correction of MW LOS.
- xvi) Verification/ correction of Lightning Arrestor and its fittings.
- xvii) Sector addition.
- xviii) Antenna Changing.
- xix) Microwave Fault attending.
- xx) Microwave installation/replacement.
- xxi) CPRI cable fault attending/replacement.
- xxii) Feeder/ RF/ OF cable fault attending and replacement.
- xxiii) 2G/3G/4G booster installation.
- xxiv) 2G/3G/4G Repeater installations.
- xxv) Any other related works in Tower.
- xxvi) Antenna Orientation & Tilt as per requirement for optimization.
- xxvii) VSWR fault rectification per sector (includes reconnectorisation, jumper cable change & weatherproofing)
(Handheld VSWR meter to be provided by the Vendor as per requirement)
- xxviii) Checking & correction of RF cable/ Fiber swap, Antenna at RRH, removal of bird/honey bee/waspnest.
- xxix) Hoisting of CIPRI cable to RRH (Base Unit to RX unit on tower), per meter
- xxx) Connectorization of CIPRI Cable at RRH, per Site
- xxxi) Hoisting of Power cable to RRH (Base Unit to RX unit on tower), per meter
- xxxii) Connectorization of Power Cable including boot sealing, at RRH, per Site
- xxxiii) Running of Earthing Cable with connectorization to RRH, per meter
- xxxiv) VSWR fault rectification per sector (includes reconnectorization, jumper cable change & weatherproofing),
at RRH and Antenna ends
- xxxv) Hoisting of IF cable with connectorization, per meter
- xxxvi) RF module dismantling with SFP, per module

- xxxvii) Fixing of wall mounting fixture, per fixture
- xxxviii) Installation of RF cable tray for wall mounting Antenna per meter
- xxxix) Installation of Micro/ Macro BTS Equipment per unit
- xl) Laying of RF Cable per meter for Micro BTS (50M /site)
- xli) Installation of Splitter including connectorization
- xlii) Installation of Patch/Panel/ Omni antenna with connectorization
- xliii) RF Repeater Installation including Yagi/ Panel Antenna & RF Cable of 25M.
- xliv) Completion of ordered RF optimization/ rigger activity.
- xlv) Restoration of Rigger related fault resulting in site fully/ partially down
- xlvi) RRH replacement (dismantling and installation) in case of faulty one or new one
- xlvii) RRU link (Link between BBU-RRH link) restoration for RRH sites along with provision to provide the RRU link materials if found damaged).
- xlviii) If the microwave IDU/ODU IF connector faulty, the bidder is to arrange these IF connectors and replace them
- xliv) EGB / IGB fixing.
- l) Grounding of feeder cable.
- li) Laying of RF jumper cable and Connectorization of jumper cable.
- lii) Fixing of surge arrestors.
- liii) Heat shrinks joint at Indoor jumper / power cables.
- liv) Hoisting / de-hoisting of RRH.
- lv) Hoisting / de-hoisting of Microwave IF cable from IDU to ODU on tower with connectorization.
- lvi) Hoisting / de-hoisting of Radio modem ODU with antenna.
- lvii) De-hoisting CAT (1+1) cable from antenna(ODU) on tower to IDU.
- lviii) Alignment of Radio modem antenna at A and B end for link up of the system.
- lix) Rigger activities including Hoisting / Dehoisting of all type of RF work.
- lx) Hoisting / Dehoisting of Heavy RF material require supporting workers and may be included in tender.
- lxi) RRH/RRU attending or replacing antennae required additional man power apart from rigger alone. In present tender we struggled each time arranging additional manpower during replacement of faulty RRU/RRH. Such arrangements should be there in new tender.
- lxii) Changing of OVP (Over Voltage protection)
- lxiii) All measuring/ safety materials and proper dedicated transport to be provided by the Vendor, BSNL will not be liable for any claim against any accident/ mishappening occurs while performing any task defined under this tender by the bidder personnel.
- lxiv) Any other activity with minor modification in RF as per guidance of BSNL.
- lxv) For any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from bidder.

The contractor may be asked to work in any other zone of Sangareddy BA of Telangana Circle at the rates approved for that zone in case of any exigency of service.

II. (PENALTY)

S.No	Activity		Timelines for attending/rectification	Penalties (per site)	Severity level
A	Complete outage	<ul style="list-style-type: none"> Satisfactory support in Site upkeep and prompt action for rectification of alarms/faults in site Replacement of faulty BTS/Mini-Link cards /Rigger activity/ PP modules / Cables in case of complete outage. 	< 2 hrs	No Penalty	Critical
			>2 to 4< hrs	Rs 30/hr	
			>4 to 8< hrs	Rs 50/hr	
			>8 to 12< hrs	Rs 100/hr	
			>12 hrs	Rs 200/hr	
B	Partial outage	<ul style="list-style-type: none"> Satisfactory support in Site upkeep and prompt action for rectification of alarms/faults in site Replacement of faulty BTS /Mini-Link cards / Rigger activity/PP modules / Cables in case of partial outage. (sector down due to VSWR) 	<12 hrs	No Penalty	Major
			>12 to 24< hrs	Rs 20/hr	
			>24 hrs	Rs 30/hr	
C	QoS	Attending/rectification the fault related to (rigger activity, VSWR, Tilt, Orientation, Antenna height adjustment, swapping etc.)	<24 hrs	No penalty	Major
			>24 to 48< hrs	Rs 10/hr	
			>48 hrs	Rs 30/hr	
D	Alarm	BTS/PP/INFRA related ALARM EXTENSION upto OMCR, ensure working of alarms	one month of docket booking	No Penalty	Major
			more than one month	Rs 50/day	
		Attending/rectification the fault related to BTS/PP/INFRA related Alarm	<24 hrs	No Penalty	
			>24 to 48< hrs	Rs 10/hr	
			> 48 hrs	Rs 30/hr	
E	Misc	Faulty card/units to be deposited at designated centre and collect repaired unit	1 day	No Penalty	Major
			>1 day	Rs 50/day	
		Removal of bird/honey bee/wasp nest, Aviation lamp	7 days of docket booking	No Penalty	
			>7 day	Rs 50/day	
		cleaning/bush cutting at site within week per instances per site	7 days of docket booking	No Penalty	
			>7 day	Rs 50/day	
		Periodical check-up of PP & battery charging	7 days of docket booking	No Penalty	
			>7 day	Rs 50/day	
		Maintaining EMF related boards and help in providing data for Biennial/Triennial submission of EMF Radiation for Mobile sites.	7 days of docket booking	No Penalty	
			>7 day	Rs 50/day	

		Ordered Diesel filling	1 day of intimation	No Penalty	
			>1 day	Rs 100/day	
F	DG Operation	Starting of DG set as required/ power failure	<3 hrs	No penalty	Critical
			>3 hrs	Rs. 100/hr	
		filling of Diesel at the site/exchange resulting insite/exchange being fully / partially down	<3 hrs	No penalty	
			>3 to 6< hrs	Rs 50/hr	
			>6 to 12< hrs	Rs 100/hr	
			>12 hrs	Rs 200/hr	
G	PM	PM activity as listed in Annexure	Beyond the timeline defined in PM Annexure	Rs 100 /week	Minor
H		First line maintenance/ reporting	<3 hrs	No penalty	Minor
			>3 hrs	Rs. 20/Hr	
		Any other single instance of non-completion of ordered activity & single instance of performance deviation as per tender, unless defined in the above penalties	>1 day delay	Rs. 30/day	Minor
General: Performance deviation due to BSNL reasons will be exempted from Penalties					
1	Missing/damage/theft of the card/unit after taking custody of the same from BSNL till deployment in BTS /Equipment will be vendor's responsibility and the actual cost of the card will be recovered from the bill.				
2 (i)	Penalties attributable to the bidder will be capped to 20% of the total contracted value for the services of the relevant invoice period. However, if total penalties reaching the capping limit (i.e. 20%) consequently for 3 months in such cases the capping limit will be revised to 40% of the invoice and it will be restored back to original 20% when the penalties is below 20% for three consequent months.				
(ii)	If the total penalties reaching the capping limit consecutively for 3 Month, BSNL will have the right to terminate the contract of the concerned BA/ SSA without any further notice.				
3	If any fraudulent activity by the personnel deployed in filling of diesel in GSM sites or in site Maintenance activities, is detected by BSNL authorized personnel/officer, then the bidder is liable to pay penalty i.e. The cost of consequential damages to any BSNL equipment/installation(s)/DG set(s) would be deducted at actual, from the service provider's bill. This will be over and above the other penalties and will not be subject to capping if any.				

III. (PREVENTIVE MAINTENANCE)

Appendix-I (PM checklist)

1	Power Plant Testing	Monthly	To be done as per Appendix-II
2	AMF/ACPDB Panel Checking	Monthly	
3	Battery Bank Testing	Quarterly	
4	Air Conditioner Testing	Monthly	
5	External Alarm Testing	Weekly	
6	General Inspection	Monthly	
7	Earthing Value test	Six monthly	
8	DG Set Checking	Weekly	
9	Cleaning	Monthly	
10	Grass Cutting and External Cleaning	Weekly	
11	Pre Monsoon Checkups	Quarterly	

Appendix-II

S.No.	Equipment Type	Work to be done
1	Power Plant Testing	Proper working of Power Plant with the existing Modules, Dust cleaning, Tightening of Input and output terminals, replacement of burnt lugs and connections, earthing, Alarms, etc.
2	AMF/ACDB Panel Checking	Tightening of Input and output terminals, replacement of burnt lugs, fuses and connections in ACDB, removal of excess sagging of service wire from pole to ACDB, dry joints at poles in co-ordination with EB officials, AMF panel with Alarms, etc.
3	Battery Bank Testing	Battery cells physical checking with voltage after disconnecting EB mains supply, cleaning of Batteries and battery terminals, tightening of all the Battery terminals, providing of jelly to the terminals, Test discharge of Battery. Log book entry to be made for battery voltage value.
4	Air Conditioner Testing	Checking of Proper working of AC unit through control panel, filter cleaning, working of Temperature sensor, checking of all the electrical connections, etc.,
5	External Alarm Testing	Extension of external alarms and Checking of proper working of external alarms. The current list is being attached. The list of alarms to be updated by BSNL CO from time to time.
6	General Inspection	Inspection of BTS site including all the equipments alongwith BSNL team , Checking of all the log books/records maintained in the site, condition of signage boards(EMF related), checking of proper working of all the doors/doorhinges of BTS, DG and Shelter/Room.
7	Earthing Value test	Exchange/BTS/Tower earth check. Checking of earth resistance of AC and DC as per the standard value
8	DG Set Checking	Checking of proper working of DG set by test run, Tightening of Input and output terminals, replacement of burnt lugs and connections, dust cleaning, checking of oil leakages, checking of DG related Alarms, etc.,
9	Cleaning	Cleaning of Room/Shelter/Compound Area, Filter & dust cleaning of BTS/Exchange and other equipment.
10	Grass Cutting and External Cleaning	Regular maintaining of BTS site/Tower/Exchange by Cleaning and removing of vegetation/Grass/Bush/creepers.
11	Pre Monsoon Checkups	Checking of proper working of DG, preservation of fuel for DG with sufficient quantity, checking and cleaning of EB connections from electrical pole to ACDB in co-ordination with EB officials.

Appendix-III (General Inspection)

Sl.No.	Check List	Specifications	Observations/ Remarks
1	Shelter properly cleaned	yes/no	
2	Any Extra material inside shelter	yes/no	
3	DG Set / canopy properly cleaned	yes/no	
4	VRLA Battery Bank	ok/not ok	
5	General site cleaning	done/not done	
6	Aviation Light & its functioning	ok/not ok	
7	Lightening Arrestors and its connection	ok/not ok	
8	DG silencer and Earth pit paint	ok/not ok	
9	Shelter outside cleaning	ok/not ok	
10	Grass cutting	ok/not ok	
11	Outside cleaning	ok/not ok	
12	Light system indoor & outdoor	ok/not ok	
13	Proper shading or Energy Meter	ok/not ok	
14	Cheating for overheating of Energy Meter	ok/not ok	
15	Earth pit condition (Physical)	ok/not ok	
16	Any leakage inside/ outside the DG	ok/not ok	
17	Any Waste material at site like used lube oil, used filters, and old clothes.	Yes/no	
18	Earth pit values & working condition	ok/not ok	

Schedule Of Requirement (SOR)

S.N	NAME OF THE ZONE	BSNL Sites	NBSNL Sites	IP Sites	Rigger activities for Non - Out sourced sites	TOTAL SITES
1	NAGARKURNOOL	29	69	13	39	150
2	GADWAL	28	71	10	21	130

The quantity indicated in the SoR is purely indicative and for evaluation purposes only.

Date :

Signature and Name

Place:

Mobile No :

**APPENDIX-IV PENALTY CALCULATION SHEET
(TO BE SUBMITTED WITH BILL)**

Name of the Vendor:

For the Month of

Name of ZONE: _____ Penalty Imposed (Please refer the CLAUSE II,SECTION-3,PART B of tender document):

Type of Penalty	Penalty Rate	No .of sites/ occasions/ instance	Total Amt. of Penalty.
TOTAL			
PENALTY TO BE IMPOSED			
TOTAL PENALTY FOR THE MONTH			

SDE C/s
(signature with Date and Seal)

DE/AGM
(signature with Date and Seal)

Name :
Mobile No :

Name :
Mobile No :

AGREED

Vendor Signature:
Name :Date : Seal/stamp:

SECTION-4. PART-A

INSTRUCTIONS TO BIDDERS

A. INTRODUCTION

1. DEFINITIONS:

- (a) "The Purchaser" means the Bharat Sanchar Nigam Ltd. (BSNL), Medak BA, Telangana Circle.
- (b) "The Bidder" means the individual or firm who participates in this tender and submits its bid.
- (c) "The Supplier" or "The Vendor" means the individual or firm supplying the goods under the contract.
- (d) "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the contract.
- (e) "The Advance Purchase Order" or "Letter of Intent" means the intention of Purchaser to place the Purchase Order on the bidder.
- (f) "The Purchase 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 purchase order shall be deemed as "Contract" appearing in the document.
- (g) "The Contract Price" means the price payable to the Supplier under the purchase order for the full and proper performance of its contractual obligations.
- (h) "Telecom Service Provider" means any Telecom operator in India, who is licensed by the Department of Telecommunications (DOT), Government of India to provide telecom services to the general public or to the other DOT licensed Telecom operators. "Telecom Service Provider" also refers to any Telecom operator in other countries providing telecom services to general public of that country or to other telecom operators of the same country.
- (i) "Successful Bidder(s)" means the bidder(s) to whom work in this tender is awarded.
- (j) "ZONE" means group of BTS sites working in that area.
- (k) "SSA" means Secondary Switching Areas defined by BSNL (comprising of one or more revenue districts).
- (l) "OA" Means Operational Area comprising of 2 or more Zones
- (m) "BA" Means Business Area comprising of one or More OA's
- (n) "BSNL BTS site" means BTS site working at telephone exchange
- (o) "NBSNL Site" means standalone BTS site ie BTS site not co-located with telephone exchange
- (p) "IP Site" means Hired through IP-Infra providers

2. ELIGIBILITY CONDITIONS:

Kindly refer to Clause 4 of Section-1 i.e. detailed NIT.

Bidder is expected to obtain clearance from Reserve Bank of India, wherever applicable.

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:

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.

B. THE BID DOCUMENTS:

4. BID DOCUMENTS:

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.

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 bids not substantially responsive to the bid documents in every respect will be at the bidder's risk and shall result in rejection of the bid.

5. CLARIFICATION OF BID DOCUMENTS:

A prospective bidder, requiring any clarification of the bid documents shall notify the tendering authority in writing or by e-mail at the tendering authority's mailing address indicated in the invitation for bids. The tendering authority shall respond in writing to any request for clarification of the bid documents, which it receives not later than 03 (Three) days prior to the last date for the submission of bids. Clarifications to these queries by the tendering authority shall be published in the e-tender portal and other websites where the notification of tender was given. These clarifications in the form of corrigendum or amendments will not be published on any newspapers.

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

6. AMENDMENT OF BID DOCUMENTS:

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

The amendments shall be notified on websites (BSNL telangana website <www.telangana.bsnl.co.in> and tenders Web portal or BSNL <<https://etenders.gov.in/eprocure/app>>) from BSNL and these amendments will be binding on them. The amendments will not be published on any newspapers.

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

It is the sole responsibility of the bidder to confirm from AGM(Plg), O/o GMBA, BSNL, Balaji Nagar, Sangareddy - 502001 regarding amendments, if any before uploading of the tender document.

C. PREPARATION OF BIDS:

7. DOCUMENTS COMPRISING THE BID:

It is a two-bid system and the bid prepared by the bidder shall comprise the following components:

- i. TECHNO- COMMERCIAL BID: Techno-commercial bid shall comprise the following components:
 - a) Documentary evidence established in accordance with Clause 2 and Clause 10 of Section-4, Part-A that the bidder is eligible to bid and is qualified to perform the contract if his bid is accepted.
 - b) Bid form (Section-9, Part 'A') completed in accordance with Clause 8.
 - c) EMD/Bid Security furnished in accordance with Clause 12.
- ii. FINANCIAL BID: Financial bid shall comprise the completed "FINANCIAL BID/PRICE SCHEDULE" (Section-9, Part 'B') in accordance with Clause-9.

8. BID FORM:

The bidder shall complete the Bid Form and the appropriate Price schedule furnished in the Bid Documents, indicating the services to be provided along with prices as per Section 9.

9. BID PRICES:

The bidder shall quote the rate given in the financial bid including all charges, levies, taxes etc but excluding GST.

A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected. In case of any discrepancies of quoting rate in figures and words, the rate quoted in words will be considered.

Any erasures/corrections of price bid should be initialed by the bidder with date.

10. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY & QUALIFICATION:

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) Valid MSE Certificate, if applicable. In case the ownership of such MSE Entrepreneurs happens to be from SC / ST category and/or owned by women, proof in this regard also need to be submitted.
- b) Additional documents to establish the eligibility and qualification of bidder as specified in Section-1.
- c) Power of Attorney and authorization for executing the power of Attorney as per Clause 14.3 of this Section.
- d) 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/ LoI/signing of contract, if declared successful.
- e) 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 **34** of this Section.
- f) Certificate of incorporation / Registration
- g) 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 address (es) along with contact telephone numbers of office and residence.

Documentary evidence for financial and technical capability.

- a) The bidder shall furnish audited Annual Report for any of the two consecutive financial years since 2020-21 & IT Returns and a certificate from its bankers to assess its solvency/ financial capability **to the tune of 30% of annual estimated cost of tender.** The solvency certificate should not be older than six months from the date of issue of this tender.
- b) The bidder shall furnish documentary evidence about technical capability (Experience) to perform the contract as per Section-1, Clause 4.2.

11. DOCUMENTS ESTABLISHING SERVICES CONFORMITY TO BID DOCUMENTS

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.

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 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 (Section 3), General (Commercial) Conditions & Special (Commercial) Conditions (Section-4), General Conditions (Section-5 Part A, B) shall not be considered.

12. BID SECURITY / EMD

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

The MSE bidders are exempted from payment of bid security:

- A. A proof regarding valid registration with body specified by Ministry of Micro, Small & Medium Enterprise for the tendered items will have to be attached along with the bid.
- B. The enlistment certificate issued by MSME should be valid on the date of opening of tender.
- C. If a vender registered with body specified by Ministry of Micro, Small & Medium Enterprise claiming concessional benefits and fails to accept AWO / LoI & submit required performance security or fails to obey any of the contractual obligations after being awarded work; he will be debarred from any further work/ contract by BSNL for one year from the date of issue of such order.
- D. 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 12.7.

- E. 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)
- F. The bid security of the unsuccessful bidder will be discharged/ returned as promptly as possible and within 30 days of finalization of the tender or expiry of the period of the bid validity period prescribed by BSNL pursuant to Clause 13.
- G. 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.
- H. **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 PBG & sign the contract/ agreement in accordance with Clause 28.

13 PERIOD OF VALIDITY OF BIDS:

Bid shall remain valid for 180 days after the date of bid opening prescribed by the Tendering authority, pursuant to Clause 18.1. A BID VALID FOR A SHORTER PERIOD SHALL BE REJECTED BY THE TENDERING AUTHORITY AS NON-RESPONSIVE.

In exceptional circumstances, the Tendering authority may request the bidder's consent for an extension to the period of bid validity. The request and the responses thereto shall be made in writing. The EMD/BID Security provided under Clause 11 shall also be suitably extended. The bidder may refuse the request without forfeiting his EMD/BID Security. In such case(s), his/her bid shall be rejected without forfeiting the EMD/BID Security. A bidder accepting the request and granting extension will not be permitted to modify his 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 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:

- a) The power of attorney should be submitted and executed on the non-judicial stamp paper of appropriate value as prevailing in the respective states (s) and the same be attested by a Notary Public or registered before Sub-Registrar of the state(s) concerned.
- b) The power of Attorney is executed by a person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the Company/institution/body corporate.
- c) In case of the bidder being a firm, the said Power of Attorney should be executed by all the partner(s) in favour of the said Attorney.
- d) In case the representative of bidder company, who uploads the documents on e-tender portal using his Digital Signature Certificate (DSC), is different from the authorized signatory for the bid

(Power of Attorney holder) then the representative who uploads the documents on e-tender portal using DSC issued in his name, shall also be made as one of the Power of Attorney holder by the bidder Company, in addition to the authorized signatory for the bid.

15 SEALING AND MARKING OF BIDS:

15.1 The bid should be submitted as per Clause 3 of tender information.

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:

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.**

15.2 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 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.

Address

- a) The offline envelope shall be addressed to the purchaser inviting the tender:
AGM(PLG) O/o GMTD, BSNL, Balaji nagar, Bypass road. Sangareddy - 502 001
Tel.: 9440000233 & E- Mail: agmplngsgd@gmail.com.
- b) The offline envelope shall bear the name of the tender, the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).
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(a) above). The responsibility for ensuring that the tenders are delivered in time, would vest with the bidder.
- c) Bids delivered in person on the day of tender opening shall be delivered up to specified time & date as stated in NIT to AGM(Plg), O/o GM, BSNL, Balajinagar, Sangareddy - 502001 at the venue (address is given in Clause 15.2 (a) above). The purchaser shall not be responsible if the bids are delivered elsewhere.
- d) Venue of Tender Opening: AGM(Plg), O/o GM, BSNL, Balajinagar, Sangareddy - 502001 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).
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

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.

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

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

18 MODIFICATION AND WITHDRAWAL OF BIDS

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

The bidder's modification, revision or withdrawal shall have to be online and digitally authenticated (in case of e-tendering) & physically (in case of manual bidding process) as per Clause 15.

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

I. BID OPENING AND EVALUATION:

19 OPENING OF BIDS BY BSNL

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.

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)).

Only one representative of any bidder shall be authorized and permitted to attend the bid opening.

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(PLG)**, O/o GMBA, BSNL, Sangareddy (as applicable) for retention.

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.

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

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

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

- a) Name of the Bidder
- b) Name of the Zone
- 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-tendersystem and no information shall be read out)

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.

20 CLARIFICATION OF BIDS

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.

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

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.

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.

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.

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.

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:

The BSNL shall evaluate in detail and compare the bids previously determined to be substantially responsive pursuant to clause 21.

The evaluation and comparison of responsive bids shall be done on the basis of Total 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.

23 CONTACTING BSNL

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.

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.

24 PLACEMENT OF ORDER

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.

Distribution of Quantities for ordering:

Sl. No.	Number of Bidders on whom the order is proposed to be placed in OA	Proposed Quantity of Distribution ZONE wise
1	Lowest Bidder	L-1 bidder will be allotted one zone in OA.selection of zone is at the discretion of L-1 bidder.

2	Second Lowest Bidder	L-2 bidder will be allotted the other zone in OA with L-1 Rates.
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Note: If L2 bidder does not agree to L1 rates the total quantity of work will be awarded to L1 bidder only and binding on L1 bidder to execute the work for 100% quantity. However the decision of GMBA SGD in all respects is final and binding on the bidder.

The contractor may be asked to work in any other zone of Sangareddy BA of Telangana Circle at the rates approved for that zone in case of any exigency of service.

25 PURCHASER'S RIGHT TO VARY QUANTITIES

The GM BA reserve the right to offer the contract to any other tenderer or any other agency in case of unsatisfactory work. The contractor should carry out the work to the satisfaction of BSNL officer in charge and in the event of his failure the contract work will be got done from some other agency at the cost of the contractor and payment will be settled on prorated Basis.

The quantity/no. of sites stated above or specified anywhere in the tender document are only indicative and restrictive. BSNL reserves the right to vary the quantity/no. of sites to the extent of -50 % to +50 % of specified quantity at the time of award of the contract or during the contract period without any change in unit price or other terms & conditions as per requirement of BSNL from time to time.

The decision of GM Medak BA 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 ISSUE OF ADVANCE WORK ORDER

The issue of an Advance Work Order shall constitute the intention of BSNL to enter into contract with the bidder.

The bidder shall within 14 days of issue of the advance work order, give its acceptance along with performance security in conformity with the proforma provided with the bid document at Section-7B.

In the event of withdrawal of AWO/ LoI, subsequent claim of bidder for placement of Work Order /signing of contract, shall not be entertained by this office.

28 SIGNING OF CONTRACT

The issue of Work Order (WO) shall constitute the award of contract on the bidder.

Upon the successful bidder furnishing performance security pursuant to Clause 27 of this Section, the Purchaser shall discharge the bid security/EMD in pursuant to Clause 12 of this Section,.

29 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.

30 DELETED

31 REJECTION OF BIDS

While all the conditions specified in the Bid documents are critical and are to be complied, special attention of bidder is invited to the following Clauses of the bid documents. Non-compliance 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-4 Part 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 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. 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.

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.

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.

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

As per Appendix-1 of Section 4 Part A.

33 DELETED

34 NEAR-RELATIONSHIP CERTIFICATE

The bidder should give a certificate that none of his/ her near relative, as defined below, is working in the units where he is going to apply for the tender. In case of proprietorship firm certificate will be given by the proprietor. For partnership firm certificate will be given by all the partners and in case of limited company by all the Directors of the company excluding Government of India/ Financial institution nominees and independent non-Official part time Directors appointed by Govt. of India or the Governor of the state and full time Directors of PSUs both state and central. Due to any breach of these conditions by the company or firm or any other person the tender will be cancelled and Bid Security will be forfeited at any stage whenever it is noticed and BSNL will not pay any damage to the company or firm or the concerned person.

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

The near relatives for this purpose are defined as:-

- a) Members of a Hindu undivided family.

- b) They are husband and wife.
 - c) The one is related to the other in the manner as father, mother, son(s) & Son's wife (daughter in law), Daughter(s) and daughter's husband (son in law), brother(s) and brother's wife, sister(s) and sister's husband (brother in law).
- The format of the certificate is given in Section 6 (B).

35 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 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.

36 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.

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	i) Rejection of tender bid of respective Vendor. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order. iii) Termination/ Short Closure of PO/WO, if issued. This implies non-acceptance of further work & services except to make the already received complete work in hand.
	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 and detection of default at any stage from receipt of bids till award of APO/ issue of PO/WO.	
	Note 1:- However, in this case the performance guarantee if alright will not be forfeited.	
Note 2:- Payment for already received supplies/ completed work shall be made as per terms & conditions of PO/ WO.		
1(b)	Submitting fake / forged documents towards meeting eligibility criteria such as experience capability, supply proof, registration with Sales Tax, Income Tax departments etc and as supporting documents towards other terms & conditions with the bid to meet terms & condition of tender :	
	(i) If detection of default is prior to award of APO	i) Rejection of Bid & ii) Forfeiture of EMD.
	(ii) If detection of default after issue of APO but before receipt of PG/ SD (DD, BG etc.)	i) Cancellation of APO , ii) Rejection of Bid & iii) Forfeiture of EMD.
	(iii) If detection of default after receipt of PG/ SD (DD, BG etc.) .	i) Cancellation of APO 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 PO/ WO	i) Termination/ Short Closure of PO/WO and Cancellation of APO 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 material received in correct quantity and quality if pending items do not affect working or use of supplied items.	
Note 4:- No further supplies are to be accepted except that required to make the already supplied items work.		
2	If vendor or his representative uses violent/ coercive means viz. Physical / Verbal means to threatens BSNL Executive / employees and/ or obstruct him from functioning in discharge of his duties & responsibilities for the following :	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 APO/ AWO and SD/ PG by L-1 bidder within time period specified in APO/ AWO.	Forfeiture of EMD.
4.1	Failure to supply and/ or Commission the equipment and /or execution of the work at alleven in extended delivery schedules, if grantedagainst PO/ WO.	i) Termination of PO/ WO. ii) Under take purchase/ work at the risk &cost of defaulting vendor. iii) Recover the excess charges if incurredfrom the PG/ SD and outstanding bills of the defaulting Vendor.
4.2	Failure to supply and/ or Commission the equipment and /or execution of the Work in fulleven in extended delivery schedules, if granted against PO/ WO.	i) Short Closure of PO/ WO to the quantity already received by and/ or commissioned inBSNL and/ or in pipeline provided the same is usable and/or the Vendor promises to make it usable. ii) Under take purchase/ work for balance quantity at the risk & cost of defaulting vendor. iii) Recover the excess charges if incurredfrom the PG/ SD and outstanding bills of the defaulting Vendor.
5	The Vendor does not perform satisfactory in the field in accordance with the specification & scope of work mentioned in the PO/ WO/ Contract.	i) It will be regulated as per the penalty clauses of the tender document ii) Recover the excess penalty chargesfrom the PG/SD & outstanding bills of the defaulting vendors.
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 dateof 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 .	
	(b) for Quantity in excess of thatsupplied by Vendor to BSNL.	
	c) for unit rate and/ or amount higher than that approved by BSNL forthat purchase.	
	Note 5:- The claims may be submitted with or without collusion of BSNLExecutive/ employees.	
	Note 6:- This penalty will be imposed irrespective of the fact that payment is disbursed by BSNL or not.	
7	Network Security/ Safety/ Privacy:- If the vendor tampers with the hardware, software/ firmware or in any other way that	i) Termination of PO/ WO. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order iii) Recovery of any loss incurred on this account from the Vendor from its PG/ SD/ O/s bills etc.
	a) Adversely affects the normal working of BSNL equipment(s) and/ or any other TSP through BSNL.	
	b) Disrupts/ Sabotages functioning of the BSNL network equipment such as exchanges, BTS,BSC/ MSC, Control equipment including IN etc., transmission equipment but not limited to these elements and/ or any other TSP through BSNL.	
	c) Tampers with the billing related data/ invoicing/ account of the Customer/ User(s) of BSNL and/ or any other TSP(s).	

	<p>d) hacks the account of BSNL Customer for unauthorized use i.e. to threaten others/spread improper news etc.</p> <p>e) under takes any action that affects/ endangers the security of India.</p>	<p>iv) Legal action will be initiated by BSNL against the Vendor if required.</p>
8	<p>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>	<p>i) Termination/ Short Closure of the PO/ WO. ii) Settle bills for the quantity received in correct quantity and quality if pending items do not affect working or use of supplied items. iii) No further supplies are to be accepted except that required to make the already supplied items work. iv) In case of turnkey projects, If the material is commissioned and is usable without any degradation of performance, then settle bills for the acceptable equipment/ material (or its part). v) In case of turnkey projects, if the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the purchaser may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee.</p>
9	<p>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>	<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	<p>If the vendor does not return/ refuses to return BSNL's dues:</p> <p>a) in spite of order of Arbitrator.</p>	<p>i) Take action to appoint Arbitrator to adjudicate the dispute. ii) Termination of contract, if any. iii) Banning of business for 3 years which implies barring further dealing with the vendor for</p>
10 contd.	<p>b) in spite of Court Orders.</p>	<p>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. ii) Take legal recourse i.e. filing recovery suite in appropriate court. 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,</p>

		whichever is later.
1	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.		

37. Exit Clause:

During the running period of contract, either party shall have right to terminate the agreement/contract as per the following conditions

By partner: By giving BSNL written notice 90 days in advance but only after completion of the one year of the contract.

By BSNL: by giving written notice to the bidder 30 days in advance

By partner: in case Advance notice by the partner, PBG will be forfeited if already any termination notice (s) is already served by the BSNL. The termination date would be decided by BSNL authority as per the field and administrative convenience. In case of advance notice by partner where no termination notice is served by the BSNL, the PBG shall not be forfeited.

By BSNL: BSNL may also terminate the contract without assigning any reason whatsoever in the following instances (In case of SLA failure," the existing three consecutive notices as per clause 3.6 (b)

- i) Insolvency or bankruptcy of the Successful Bidders(s). However, the PBG may not be forfeited and BSNL authority reserves the right to decide on this.
- ii) Change of ownership of the business of the Successful bidder(s). However, the PBG may not be forfeited and BSNL authority reserves the right to decide on this.
- iii) Breach of any of the terms/Conditions of the tender document and this agreement, PBG forfeiture would be governed by existing tender Clauses
- iv) For any other reasons as mentioned in the other relevant sections of the bid document. PBG forfeiture would be governed by the existing tender clauses

Section- 4 Part B
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.

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

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

REGISTRATION

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

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

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

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has upload the bid document either digitally signed bid documents or physically signed on all pages of bid document one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colour (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

For any technical related queries please call at 24 x 7 Help Desk Number
0120-4200 462
0120-4001 002
0120-4001 005
0120-6277 787
Additional Help Desk Number 0120-4001005.

E-mail

Technical - support-eproc@nic.lin Policy Related - cppp-doe@nic.in

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. STANDARDS

The services under this contract shall conform to the standards prescribed in section-3.

3. 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.

4. PERFORMANCE SECURITY

All suppliers (including MSEs who are registered with the designated MSME bodies, like National Small Scale Industries Corporation etc. shall furnish performance security valid for One and Half Year to the purchaser for an amount equal to 5% of the total value of Advance Work Order within 14 days from the date of issue of Advance Purchase/Work Order by the Purchaser.

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.

The performance security Bond shall be in the form of either DD in favour of of "AO Cash BSNL, , O/o GMBA, BSNL, Balaji Nagar, Sangareddy " and payable at Sangareddy or in form of Bank Guarantee issued by a scheduled Bank in India and in the proforma provided in 'Section-7B' of this Bid Document.

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.

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.

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 of Section 4 Part-A shall be applicable.

5. INSPECTION AND TESTS: Not applicable to this tender

6. DELIVERY SCHEDULE FOR THE GOODS/SERVICES BY THE SUPPLIER

The execution of the services by the Supplier in accordance with the terms specified by the Purchaser in its Schedule of Requirements and special conditions of contracts shall remain at the risk of the Supplier until the entire work has been successfully completed, Tested and made over to BSNL. The works are to be executed as given in the Work Order. Even the goods supplied by BSNL for executing the works desired in the work order shall be maintained in good condition by the contractor and is the responsibility of the contractor to ensure the safety and security of all such material also till the entire work has been successfully completed and made over to BSNL. Any loss/ malfunctioning due to mishandling, theft, damage etc. during the execution of the work shall be made good by the contractor, failing which the equivalent cost of loss/damage will be recovered from the bills payable.

The performance of services shall be made by the Supplier in accordance with the following time schedule. The time schedule for execution and completion of the work is the most important aspect of the contract. The time will be reckoned from the date of issue of work order. The work shall be proceeded with all diligence to achieve the desired progress uniformly throughout the stipulated period of contract.

ISSUE OF WORK ORDER

The purchaser reserves the right to issue the work orders awarding the works to the successful bidder (contractor) for any or some of the items of the works for one site in one work order. The work orders will not be issued for site by site, a group of sites clubbed together, all sites together etc.

Time Schedule for Commencement and completion of the Work awarded: 15 days for all Item of works from the date of issue of work order.

The contractor(s) has/have to commence and complete the work within the period, which will be mentioned in the work order.

The following timelines are specified for the smooth kick off and completion of the work.

- 1) In case the contractor does not start work even after **21 days** from the expiry of the period given in the work order, tenderer shall be free to re-allot the work to L2 or any other contractor or any outside agency.
- 2) The contractor should have sufficient suitable man power to commence and carry out works at different locations simultaneously. The work shall be proceeded with all diligence to achieve the desired progress uniformly throughout the stipulated period of contract.

7. TRAINING : Not applicable

8. INCIDENTAL SERVICES: Not applicable

9. SPARES: Not applicable for this tender

10. WARRANTY: Not applicable

11. PAYMENT TERMS- Refer Section-2

12. PRICES: Not applicable

13. CHANGES IN PURCHASE ORDERS

The purchaser may, at any time, by a written order given to a supplier, make changes within the general scope of the contract in any one or more of the following:

- a) drawings, designs or specifications, where Goods to be supplied under the contract are to be specifically manufactured for the Purchaser;
- b) the method of transportation or packing;
- c) the place of delivery; or
- d) the services to be provided by the supplier.

If any such change causes an increase or decrease in the cost of, or the time required for the execution of the contract an equitable adjustment shall be made in the contract price or delivery schedule, or both, and the contract shall accordingly be amended. Any proposal by the supplier for adjustment under this clause must be made within thirty days from the date of the receipt of the change in order.

14. SUB-CONTRACTS

Sub-contracting under this tender is "PERMISSIBLE" but the responsibility for following the labour laws lies with the main vendor / contractor. Any disputes / problems arising due to labour act are the responsibility of the main vendor only and BSNL is no way part of the disputes/problems.

15. DELAYS IN THE SUPPLIER'S PERFORMANCE-

Delivery and performance of the Goods and Services shall be made by the Supplier in accordance with the time schedule and technical specifications provided in the Purchase Order. In case the supply of Goods and delivery of Services are not completed in the stipulated delivery period, as indicated in the Purchase Order, the Purchaser reserves the right either to

short close/cancel the Purchase Order in part or full and/or recover liquidated damage charges. The cancellation/short closing of the order for Goods and Services in part or full shall be at the risk and responsibility of the Supplier and Purchaser reserves the right to purchase balance unsupplied and/or short closed/cancelled supplies and services at the risk and cost of the defaulting Supplier.

Delay by the Supplier in the performance of its delivery obligations with reference to both the supplies and services shall render the Supplier liable to any or all of the following sanctions:

- (i) Forfeiture of its performance security.
- (ii) Imposition of liquidated damages.
- (iii) Short closure of Contract in part or full and/or termination of the Contract for default.

16. LIQUIDATED DAMAGES/PENALTIES

Time **and un-interrupted service** is the essence of this Tender/Contract. The Bidder shall adhere to the schedule given in the scope of work as per Section 3 of the Tender Document. In the event of bidder's failure to perform as per the scope of work in section-3, the Bidder shall be liable to pay liquidated damages/penalties as given below.

The BTS uptime data is taken from OMCR of BSNL and it is binding on both BSNL & Vendor.

Penalty shall be imposed in case of interruption of service due to vendor short falls

- i. No penalty shall be levied if BTS uptime is above 99%.
- ii. If the BTS uptime is below 70% and the down duration due to vendor reason is greater than or equal to 70% of the total Outage Duration, then No payment will be made to the vendor w.r.t that BTS.
- iii. For the rest of the cases, the penalties imposed on the vendor are given in Clause II, Section-3, Part B of the tender document.

FORCE MAJEURE

If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may, at its option, terminate the contract.

Provided, also that if the contract is terminated under this clause, the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture which may be in possession of the Supplier at the time of such termination or such

portion thereof as the purchaser may deem fit, except such materials, bought out components and stores as the Supplier may with the concurrence of the purchaser elect to retain.

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

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

18. TAX INDEMNITY CLAUSE

BSNL has the right to recover Input Tax Credit (ITC) loss suffered by it from the supplier due to any mis / false declaration on invoice by the supplier or block listed by GST authorities during currency of BSNL contract.

GST:

- a) Proper GST invoice as per GST Act should be submitted by vendor for processing the payments.
- b) Suppliers should furnish the correct HSN / SAC classification / Customs tariff Head in the price Schedule. If the credit for the Duties, Taxes and Cesses under provision/ rules under GST law is found to be not admissible at any stage subsequently, then the suppliers will be liable to refund such non-admissible amount, if already paid, along with penalty and interest if charged by the concerned authority.
- c) If the supplier fails to perform necessary compliances with regard to GST or any other taxes which would in any manner restrict BSNL to claim input tax credit, then double the amount pertaining to such Duties, Taxes and Cesses will be deducted from the payment due to the supplier.

19. 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.

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.

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	CGMT, BSNL, Telangana Circle, Hyderabad (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.

Neither party shall appoint its serving employee as arbitrator.

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.

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

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.

20. Fast Track Procedure –

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).

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.

The arbitral tribunal shall follow the following procedure while conducting arbitration proceedings Under Sub-section (1):-

- The arbitral tribunal shall decide the dispute on the basis of written pleadings, documents and submissions field by the parties without oral hearing;
- 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;
- 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;
- 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.

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

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 of the Arbitration Conciliation Act, 1996 shall apply to the proceedings.

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.

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.

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.

The Arbitration proceeding shall be held at Circle or BA/OA Headquarter (as the case may be).

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.

21. 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.

22. INTIMATION OF SUPPLY STATUS : Not applicable

23. DETAILS OF THE PRODUCT : Not applicable

24. FALL CLAUSE: Not applicable

25. COURT JURISDICTION

- a. 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.
- b. 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.

26. 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.

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:-

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 CGM/PGM/GM of Circle Office / Concerned BA/ZONE of BSNL, Telangana Circle shall not be responsible in any manner.

The contractor shall obtain / purchase all required insurances and make all safety arrangements required for the labourers 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.

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.

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.

It will be sole responsibility of the contractor that the men deployed for the purpose of maintenance of the infrastructure at BTS sites with BSNL are to be trained to avoid any mishap, directly or indirectly.

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 adjust the program for execution accordingly.

The contractor should carry out the work to the satisfaction of BSNL officer in charge 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.

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.

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 CGM/PGM/GM of Circle Office / Concerned BA/ZONE ,BSNL shall not involve in any manner.

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.

The decision of PGM /GM of concerned ZONE on any matter connected to this tender is final & binding on bidder.

3. Purchaser reserves the right to disqualify such bidders who have a record of not meeting contractual obligations against earlier contracts entered into with the Purchaser.
4. Any clarification issued by the Purchaser in response to query raised by prospective bidders shall form an integral part of bid documents and it shall amount to amendment of relevant clause(s) of the bid documents.
5. The tender shall be evaluated on the basis of rate mentioned in Price schedule of section-9 PartB.
6. The Purchaser reserves the right to negotiate with the bidder against the rates quoted by bidder under Price Schedule of the financial bid.
7. The Purchaser reserves the right to counter offer price(s) against price(s) quoted by any bidder.
8. The Purchaser reserves the right to reject a bid as non-responsive if the prices for all items are not quoted by the bidder in the price schedule.
9. It is not mandatory on the part of the purchaser to issue work order to successful bidder for all the items of the tender. The Purchaser reserves the right to issue work orders to only some of the items mentioned in the tender as per his convenience, depending on the availability of stores and requirement.
10. Purchaser reserves the right to blacklist a bidder for a suitable period in case he fails to honor his bid without sufficient grounds.
11. The successful bidder should engage adequate number of well skilled, technically qualified, active, motivated and dynamic personnel for carrying out the works.
12. The bidder shall strictly adhere to the conditions prescribed by the Purchaser only.
13. The terms and conditions prescribed by the Purchaser in this document shall form part of the agreement to be entered into between both the parties.
14. Any current proceedings against the bidder by any unit of BSNL should be informed at the time of the bid. In case of any suppression of information/providing false declaration is known at a later date, the bid is liable to be rejected. Also, in case any penalty is imposed by any BSNL unit against the successful bidder between the submission of the bid and end of the deliveries against the issued PO, BSNL reserves the right to cancel the PO placed forthwith and regulate the security deposit/PBG as per BSNL guidelines. BSNL will then be free to award the full/part of the requirements to any of the other willing bidders.

SECTION-6

UNDERTAKING & DECLARATION

6(A) - For understanding the terms & condition of Tender & Specification of work

a) Certified that:

1. I/ We have read, understood and agree with all the terms and conditions, specifications included in the tender documents & offer to execute the work at the rates quoted by us in the tender form.
2. No addition / deletion / corrections have been made in the terms & conditions of the downloaded tender document and the document submitted is identical to the tender document appearing on the website.
3. If I/ We fail to enter into the agreement & commence the work in time, the EMD/ SD 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 offer are correct.
2. 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 LOA/ Purchase/ work order if issued and forfeit the EMD/ SD/ Bill amount pending with BSNL. In addition, BSNL may debar the contractor from participation in its future tenders.

Date:
Place:

Signature of Bidder

Name of Bidder
Along with date & Seal

6 (B) – NEAR-RELATIONSHIP CERTIFICATE:

(Format of the Certificate to be given as per the clause 34 of Section-4 Part A by the bidder in respect of status of employment of his/ her near relation in BSNL)
The format of the certificate to be given is

"I.....s/o.....r/o.....hereby certify that none of my relative(s) as defined in the tender document is/are employed in BSNL unit as per details given in tender document. In case at any stage, it is found that the information given by me is false/ incorrect, BSNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me."

Date:
Place:

Signature of Bidder

Name of Bidder
Along with date & Seal

6 (C) CLAUSE BY CLAUSE COMPLIANCE

**ANNEXURE-‘A’
CLAUSE-BY-CLAUSE COMPLIANCE STATEMENT**

S.N	Clauses	Compliance
(A)	(B)	(C)
1	All clauses of Scope of the work of Section-3	
2	All clauses of Schedule of Requirements(SOR)of Section-3	
3	All clauses of General Commercial Conditions of Section-5 Part A	
4	All clauses of Special Commercial Condition of Contract of Section-5 Part B	

- i) The clause-by-clause compliance statement should be given as per clause 11.2 of Section-4 Part A and clause 31.1 of Section-4 Part A.
- ii) The bidder should mention **‘FULLY COMPLIED’ in the column ‘C’ above**, otherwise a statement of deviation may be submitted as per clause 11.2 of Section-4 Part A and clause 31.1 of Section-4 Part A.

**ANNEXURE-‘B’
NO DEVIATION STATEMENT**

S.N	Clauses	Compliance
(A)	(B)	(C)
1	All clauses of Scope of the work of Section-3	
2	All clauses of Schedule of Requirements(SOR)of Section-3	
3	All clauses of General Commercial Conditions of Section-5 Part A	
4	All clauses of Special Commercial Condition of Contract of Section-5 Part B	

- I. The ‘No deviation statement’ should be given as per clause 11.2 of Section-4 Part A and clause 31.1 of Section-4 Part A.
- II. The bidder should mention **‘NO DEVIATION’ in the column ‘C’ above**, otherwise a statement of deviation may be submitted as per clause 31.1 section-4 PartA.

SECTION-7

PROFORMAS

7(A) For the BIDSECURITY/ EMD Guarantee
(To be typed on Rs.100/- non-judicial stamp paper)

Sub: Bid Security/EMD guarantee.

Whereas M/s
R/o (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 General Manager, BSNL, Sangareddy..... 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 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. Not with standing 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 favour of "AO(Cash),BSNL, O/o GMBA, Sangareddy" payable at Sangareddy.
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

7(B) For the Performance Guarantee

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

Dated:.....

Sub: Performance guarantee.

Reference :BSNL Tender no. _____ dated _____

for (name of the work _____)

1. Whereas General Manager, BSNL, Sangareddy R/o
.....(hereafter referred to as BSNL) has issued an APO no.
..... Dated/...../20..... Awarding the workof
R/o (hereafter referred to as "Bidder") and BSNL has
asked him to submit a performance guarantee in favour of General Manager, BSNL, Sangareddy ,
of 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
Bank Branch
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.
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 GMBA, Sangareddy" payable at Sangareddy.
- 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

.....

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).

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

Name of the Representative on behalf of the Bidder

.....
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.

SECTION-8
Bidder's profile

Tenderer / Bidder's Profile to be filled and submitted online

A) Bidder's Profile

1. Name of the Individual/ Firm:
2. In case of Consortium , name of each member/firm :

B) Details of Lead Bidder

1. Present Correspondence Address

.....
.....

Telephone No.

Mobile No.

FAX No.

2. Address of place of Works/

Manufacture

.....

Telephone No.

Mobile No.

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

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

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

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

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

6. Permanent Account No. :

.....

7. Details of the Bidder's/ Lead 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.:.....
- (e) Branch Serial No. (MICR No.):.....

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

.....
.....

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

GSTN1.....

GSTN2.....

GSTN3..... and so on

Place.....

Signature of contractor

Date

Name of Contractor.....

SECTION-9 PART-A

BID FORM

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

Ref: Your Tender Enquiry No.dated

1. Having examined the above mentioned tender enquiry document including amendment/ clarification/ addenda Nos. dated.....the 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 proper as per the online process so as to prevent any subsequent alteration and replacement.
3. We agree to abide by this Bid for a period of 180 days from the date fixed for Bid opening or for subsequently extended period, if any, agreed to by us. This bid shall remain binding upon us up to the aforesaid period.
4. We understand that you are not bound to accept the lowest or any bid, you may receive.
5. If our Bid is accepted, we will provide you with a performance guarantee from a Scheduled Bank for a sum @ 5% of the contract value for the due performance of the contract.
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 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. 20...

Signature

Witness 1: Name :

Signature :

Date :

Witness 2: Name :

Signature :

Date :

Signature..... In the capacity of

Name Duly authorized to sign the bid for and on

Address..... behalf of.....

SECTION-9 Part-B

Price Schedule

Name of work: Outsourcing of BTS & Infrastructure maintenance of BSNL Sites(BTS Co-Located with CFA Exchange), NBSNL Sites (Hired BTS site without exchange site) & IP sites (Hired through IP- Infra Providers) including rigger activities and Diesel filling in DG sets & DG operations(Excluding IP sites)and Rigger activities for the Non - Outsourced Sites of Mahabubnagar OA

SINo	Description of item/works	No.of Sites	Base Rate /site/ month (Ex.GST)	Rate to be quoted by the Bidder/site /month (Ex.GST)	Total Amount Rupees	Total Amount in Words
A	B	C	D	E	F = C*E	G
1	BTSS & Infrastructure maintenance of BSNL sites(BTS Co-Located with CFA Exchange	57	2400			
2	BTSS & Infrastructure maintenance of NBSNL Sites(Hired BTS site without exchange site)	140	2200			
3	BTSS & Infrastructure maintenance of IP sites(Hired through IP- Infra Providers)	23	1200			
4	Rigger activities for the Non - Outsourced Sites	60	300			
			Total cost in Figures			
			Total cost in Words			

Note:

The L1 bidder shall be the one whose total cost to BSNL as per Column "F" is the lowest and the next lowest shall be L2 and so on for the purpose of evaluation.

ANNEXURE - 1

DEED OF INDEMNITY

This **DEED OF INDEMNITY** is executed on this the(Date), by.....
<<**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 fulfilment 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 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.

Contd..

1. 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.
2. 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.
3. The Deed of Indemnity shall constitute the entire indemnity provided by the Bidder for the indemnities asked in said Tender.
4. This Deed of Indemnity shall be governed by and construed in accordance with Indian law.

(Authorized Signatory)

Date:

Place:

<< Name of the Bidder >>

Witness 1:

Witness 2:

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)	Page No. of document submitted
1	Cost of the tender document (₹__/-) or A proof regarding valid registration with body specified by Ministry of Micro, Small & Medium Enterprise for the tendered items will have to be attached along with the bid. The address mentioned in the Registration Certificate & MSME certificate must be the same. The enlistment certificate issued by MSME should be valid on the date of opening of tender.		
2	Bid Security (EMD) in the form of Bank Guarantee for ₹ __/- valid up to 180 days from the date of tender opening. Or A proof regarding valid registration with body specified by Ministry of Micro, Small & Medium Enterprise for the tendered items will have to be attached along with the bid. The address mentioned in the Registration Certificate & MSME certificate must be the same. The enlistment certificate issued by MSME should be valid on the date of opening of tender.		
3	Scanned copy of Bid Form in Section-9 Part A and Price Schedule in Section-9 Part B duly filled up and signed.		
4	Scanned Copy of Certificate of Incorporation/ Registration of firmsetc. as applicable		
5	Scanned copy of Power of Attorney attested by Notary Public or Registered with Sub Registrar in favour of the signatory signing the offer and documents as per Clause no. 14.3 of Section-4 Part A.		
6	Scanned Copy of board resolution, authorizing a person for executing power of attorney in the name of person, who is signing 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).		
8	Documentary evidence for Technical capabilities as per clause 10.2 Section-4 Part-A.		
9	Documentary evidence for Financial capability as per clause 10.2 Section-4 Part-A.		
10	Scanned copy of 'No Deviation' statement or Clause-by-Clause compliance statement pursuant to of Section-6 (C)).		

11	Scanned copy of a list of all Board of Directors of the company (Incase of Limited Company).		
12	Scanned copy of Near Relationship Certificate as per Section 6 (B)		
13	Declaration that the firm is not black listed by GST Authorities agreement as per clause 4.1.2 of Section -1.		
14	Letter of Authorization to attend Bid opening event, Section 7(C)		
15	Valid PAN Card		
16	Valid Goods and Services Tax Registration Certificate(s)		
17	EPF, ESI & Labour License Registration certificates have to be submitted. The vendor should observe the Labour rules in force during the execution of the tender.		
18	Indemnity Bond as per Annexure-1		
19	Undertaking and Declaration as per Section-6(A) duly filled up and signed		
20	Scanned copy of attestation of the specimen signature of the authorized by the Bank as per Clause 14.3 Section -4 Part A.		
21	Bidder's Profile as per Section-8 duly filled up and signed.		
22	Client certificates issued to the consortium partner (s).		
23	Copies of IT return filed for any of the two consecutive financial years since 2020-21		
24	Any other supporting documents asked for in bid document.		

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:.....

Annexure- 3

CERTIFICATE TO BE SUBMITTED BY THE BIDDER AND ITS TECHNOLOGY PARTNER
{ON COMPANY'S/FIRM'S LETTERHEAD}

This is to certify that I/We, M/s..... (Name & full address) as the front Bidder of this tender and our technology / consortium partner, M/s..... (Name & full address) have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India;

1. I/We certify that this bidder is not from such a country or, if from such country, has been registered with the Competent Authority as per F. No: 6/18/2019-PPD dated 23.07.2020 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, and its subsequent clarifications, if any. I/We hereby that this bidder fulfills all requirements in this regard and is eligible to be considered. [where applicable, evidence of valid registration by the Competent Authority shall be attached].
2. I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries. I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached].
3. I am aware that if the certificates given by the bidder in the tender documents regarding compliance with order stated above is found to be false at any later stage, this would be ground for immediate termination and further legal action in accordance with law.

Signature:

Signature:

Name in Block letters:

Name in Block letters:

Status: Director/Manager/Partner/

Status: Director/Manager/Partner/

Proprietor of the Company

Proprietor of the Company

[on behalf of the front bidder]

[On behalf of technology/consortium partner]

ANNEXURE - 4

Particulars for Input Invoice, Receipt Voucher & GST Details of Purchaser

A. Input Invoice

Sl_No	Particulars of Input Invoice
01	Name and Registered address of the supplier
02	GST Registration Number of the supplier
03	Name of BSNL Entity
04	'Bill to ' and 'ship to' address of BSNL
05	GST Registration Number of BSNL
06	Date of Invoice
07	Invoice Number
08	Place of Supply (Including state)
09	Type of Tax (CGST,SGST and IGST)
10	Rate of Tax
11	Value of Goods/Service and Type /rate/Amount of Tax shouldseparately mentioned
12	Quantity of goods
13	Total Value of Invoice
14	Description of supply of goods/service
15	HSN Code in case of goods
16	Accounting code in case of service
17	In case invoice has more than one Tax rates, rate of tax and amounttax for each supply should be mentioned separately

B. Receipt Voucher

Sl_No	Particulars of Receipt Voucher
01	Name and Registered address of the supplier
02	GST Registration Number of the supplier
03	Name of BSNL Entity
04	'Bill to ' and 'ship to' address of BSNL
05	GST Registration Number of BSNL
06	Date of Document Issued
07	Document Number
08	Place of Supply (Including state)
09	Amount of Advance Taken
10	Type of Tax (CGST,SGST and IGST)
11	Rate of Tax
12	Quantity of goods
13	In case invoice has more than one Tax rates ,rate of tax and amount of tax for each supply should be mentioned separately
Note: Invoice issued at a later stage against receipt voucher to mention this document number. Refund voucher to be issued against the advances received if no supply is made and no invoice raised.	

ANNEXURE - 5

Contact details of deployed personnel and Zonal co-ordinators

No.	Zone	Name	Address	Phone	Mobile	Email

Contact details of personnel deployed in each Zone for BTS Outsourcing activities

No.	Site Name	Sub Division	Division	Nature of deployment	Mobile	Email

ANNEXURE - 6

Format of log book for diesel filling

Site wise log book for diesel filling.							Name of site:		
S N	Date &	Name of the site	Name of person	Diesel Available	Diesel Filled	Total Diesel	DG Run Hour	kWh Meter reading	Petro card details

ANNEXURE - 7

Format of log book entry for BTS Outsourcing activities

Name of Site:							C/s signed BSNL Officer	
SL No	Date	Name of person	TimeIn	Observations/ work done	Time out	Signature	Signature	Date

ANNEXURE - 8

List of BTS sites for Mobile Infrastructure Maintenance for Zone Nagarkurnool

SL.NO	ZONE NAME	SITE NAME	SITE ID	SDCA	2G / 2G+3G / 2G+4G	BSNL / NBSNL / IP
1	Nagarkurnool	Kothur_HW_MB2023	MB2023	SHADNAGAR	2G+3G	BSNL
2	Nagarkurnool	Amarabad_MB2066	MB2066	ACHAMPET	2G+3G	BSNL
3	Nagarkurnool	Lingampet_MB2173C	MB2173	MAHABOBNAGAR	2G	BSNL
4	Nagarkurnool	Balmoor_MB2067	MB2067	ACHAMPET	2G+3G	BSNL
5	Nagarkurnool	Thummanpeta_MB2213	MB2213	ACHAMPET	2G+3G	BSNL
6	Nagarkurnool	Balanagar_HW_MB2028	MB2028	SHADNAGAR	2G+3G	BSNL
7	Nagarkurnool	Nandigama_MB2095	MB2095	SHADNAGAR	2G+3G	BSNL
8	Nagarkurnool	Rajapur_MB2102	MB2102	MAHABOBNAGAR	2G+3G	BSNL
9	Nagarkurnool	Ippalapally_MB2159	MB2159	SHADNAGAR	2G+3G	BSNL
10	Nagarkurnool	Boothpur_NB_MB2029	MB2029	MAHABOBNAGAR	2G+3G	BSNL
11	Nagarkurnool	Maganur_MB2041	MB2041	MAKTAL	2G+3G	BSNL
12	Nagarkurnool	Koilkonda_MB2084	MB2084	MAHABOBNAGAR	2G+3G	BSNL
13	Nagarkurnool	Kadthal_HW_MB2020	MB2020	AMANGAL	2G+3G	BSNL
14	Nagarkurnool	Yedula_MB2221	MB2221	NAGARKURNOOL	2G	BSNL
15	Nagarkurnool	MBN_Palakonda_MB2118	MB2118	MAHABOBNAGAR	2G+4G	BSNL
16	Nagarkurnool	Vankeshwaram_MB2216C	MB2216	ACHAMPET	2G	BSNL
17	Nagarkurnool	Midgil_NB_MB2047	MB2047	AMANGAL	2G+3G	BSNL
18	Nagarkurnool	Madgula_MB2058	MB2058	AMANGAL	2G+3G	BSNL
19	Nagarkurnool	Polepalle_MB2195	MB2195	MAHABOBNAGAR	2G+3G	BSNL
20	Nagarkurnool	Raikal_MB2199	MB2199	SHADNAGAR	2G+3G	BSNL
21	Nagarkurnool	Kothatanda_H2M_MB9001	MB9001	MAHABOBNAGAR	2G+3G	BSNL
22	Nagarkurnool	Mannanur_HW_MB2042	MB2042	ACHAMPET	2G+3G	BSNL
23	Nagarkurnool	Kesampeta_MB2036	MB2036	SHADNAGAR	2G+3G	BSNL
24	Nagarkurnool	Palem_HW_MB2049	MB2049	NAGARKURNOOL	2G+3G	BSNL
25	Nagarkurnool	TimmajipetaNB_MB2053	MB2053	NAGARKURNOOL	2G+3G	BSNL
26	Nagarkurnool	Kondhurg_MB2086	MB2086	SHADNAGAR	2G+3G	BSNL
27	Nagarkurnool	Vangoor_MB2109	MB2109	KALWAKURTHY	2G+3G	BSNL
28	Nagarkurnool	Veldanda_MB2110	MB2110	KALWAKURTHY	2G+3G	BSNL
29	Nagarkurnool	Nawabpet_HW_MB2059	MB2059	MAHABOBNAGAR	2G+3G	BSNL
30	Nagarkurnool	Alair_MB2063	MB2063	NAGARKURNOOL	2G	NBSNL
31	Nagarkurnool	Ippatur_MB2160	MB2160	MAHABOBNAGAR	2G	NBSNL
32	Nagarkurnool	Sirisawada_MB2209C	MB2209	NAGARKURNOOL	2G	NBSNL
33	Nagarkurnool	Yelkicherla_MB2222C	MB2222	NAGARKURNOOL	2G	NBSNL
34	Nagarkurnool	Mudwin_MB2190C	MB2190	AMANGAL	2G	NBSNL
35	Nagarkurnool	Akuthotapally_MB2134C	MB2134	AMANGAL	2G	NBSNL
36	Nagarkurnool	Kumera_MB2184C	MB2184	NAGARKURNOOL	2G	NBSNL
37	Nagarkurnool	Karvanga_MB2115C	MB2115	NAGARKURNOOL	2G	NBSNL
38	Nagarkurnool	Gajulapeta_MB2152C	MB2152	MAHABOBNAGAR	2G	NBSNL
39	Nagarkurnool	ShadngrEdhira_MB2151C	MB2151	SHADNAGAR	2G	NBSNL
40	Nagarkurnool	Kothulabad_MB2224C	MB2224	MAHABOBNAGAR	2G	NBSNL
41	Nagarkurnool	Gangapur_MB5041	MB5041	MAHABOBNAGAR	2G+3G	NBSNL

42	Nagarkurnool	Yedira_MB2220	MB2220	MAHABOBNAGAR	2G+4G	NBSNL
43	Nagarkurnool	Boyapalli_MB2143	MB2143	MAHABOBNAGAR	2G+4G	NBSNL
44	Nagarkurnool	Kotakadira_MB2179	MB2179	MAHABOBNAGAR	2G+3G	NBSNL
45	Nagarkurnool	Uppanuthala_MB2108	MB2108	ACHAMPET	2G+3G	NBSNL
46	Nagarkurnool	Pedamudunur_MB2193	MB2193	NAGARKURNOOL	2G+3G	NBSNL
47	Nagarkurnool	Talakondapale_MB2105	MB2105	AMANGAL	2G+3G	NBSNL
48	Nagarkurnool	Padkal_MB2119	MB2119	AMANGAL	2G+3G	NBSNL
49	Nagarkurnool	Chowdarygudem_MB2149	MB2149	SHADNAGAR	2G+3G	NBSNL
50	Nagarkurnool	Kolluru_MB2175	MB2175	SHADNAGAR	2G+3G	NBSNL
51	Nagarkurnool	Manthathi_MB2188	MB2188	NAGARKURNOOL	2G+3G	NBSNL
52	Nagarkurnool	Mogaligiddha_MB2189	MB2189	SHADNAGAR	2G+3G	NBSNL
53	Nagarkurnool	Peddarevelly_MB2194	MB2194	SHADNAGAR	2G+3G	NBSNL
54	Nagarkurnool	Rangareddiguda_MB2202	MB2202	MAHABOBNAGAR	2G+3G	NBSNL
55	Nagarkurnool	Garlapahad_MB2154	MB2154	MAHABOBNAGAR	2G+3G	NBSNL
56	Nagarkurnool	Karukonda_MB2168	MB2168	MAHABOBNAGAR	2G+3G	NBSNL
57	Nagarkurnool	KondareddyPly_MB2225	MB2225	ACHAMPET	2G+3G	NBSNL
58	Nagarkurnool	Musapeta_MB2008	MB2008	MAHABOBNAGAR	2G+3G	NBSNL
59	Nagarkurnool	Lingala_MB2087	MB2087	ACHAMPET	2G+3G	NBSNL
60	Nagarkurnool	Tadoor_MB2106	MB2106	NAGARKURNOOL	2G+3G	NBSNL
61	Nagarkurnool	Haanwada_HW_MB2034	MB2034	MAHABOBNAGAR	2G+3G	NBSNL
62	Nagarkurnool	VatvarlaPalli_MB5046	MB5046	ACHAMPET	2G	NBSNL
63	Nagarkurnool	Rangapur_ACH_MB5050	MB5050	ACHAMPET	2G	NBSNL
64	Nagarkurnool	Irwin_MB2161	MB2161	AMANGAL	2G	NBSNL
65	Nagarkurnool	Veljala_MB2217	MB2217	AMANGAL	2G	NBSNL
66	Nagarkurnool	GTpally_MB5053	MB5053	AMANGAL	2G	NBSNL
67	Nagarkurnool	Thudukurthy_MB2212C	MB2212	NAGARKURNOOL	2G	NBSNL
68	Nagarkurnool	Yellikal_MB5058C	MB5058	KALWAKURTHY	2G	NBSNL
69	Nagarkurnool	Vemula_MB5056C	MB5056	MAHABOBNAGAR	2G	NBSNL
70	Nagarkurnool	Nagilla_MB5060C	MB5060	AMANGAL	2G	NBSNL
71	Nagarkurnool	Chinchode_MB2148C	MB2148	SHADNAGAR	2G	NBSNL
72	Nagarkurnool	Mutpoor_MB2191C	MB2191	SHADNAGAR	2G	NBSNL
73	Nagarkurnool	Sirsangandla_MB2208C	MB2208	KALWAKURTHY	2G	NBSNL
74	Nagarkurnool	Nandiwaddeman_MB5064C	MB5064	NAGARKURNOOL	2G	NBSNL
75	Nagarkurnool	Kammadanam_MB5062C	MB5062	SHADNAGAR	2G	NBSNL
76	Nagarkurnool	Tommidirekula_MB2214	MB2214	SHADNAGAR	2G+3G	NBSNL
77	Nagarkurnool	Nagapur_MB2192	MB2192	NAGARKURNOOL	2G	NBSNL
78	Nagarkurnool	Vennacherla_MB2218	MB2218	NAGARKURNOOL	2G	NBSNL
79	Nagarkurnool	Pillalamarri_MB2116	MB2116	MAHABOBNAGAR	2G+4G	NBSNL
80	Nagarkurnool	MBN_Yenugonda colony_MB2117	MB2117	MAHABOBNAGAR	2G+4G	NBSNL
81	Nagarkurnool	Rangapur_KKY_MB5059C	MB5059	KALWAKURTHY	2G	NBSNL
82	Nagarkurnool	Medipur_MB5044C	MB5044	NAGARKURNOOL	2G	NBSNL
83	Nagarkurnool	Latpalle_MB2186C	MB2186	NAGARKURNOOL	2G	NBSNL
84	Nagarkurnool	Gangaram_MB2153C	MB2153	NAGARKURNOOL	2G	NBSNL
85	Nagarkurnool	Kothapeta_MB5061C	MB5061	SHADNAGAR	2G	NBSNL
86	Nagarkurnool	Hazipur_MB5051C	MB5051	ACHAMPET	2G	NBSNL
87	Nagarkurnool	kondanagula_MB2176	MB2176	ACHAMPET	2G+3G	NBSNL
88	Nagarkurnool	Manganoor_MB2112	MB2112	NAGARKURNOOL	2G+3G	NBSNL

89	Nagarkurnool	Burgul_MB2145	MB2145	SHADNAGAR	2G+3G	NBSNL
90	Nagarkurnool	Fathimapur_MB2146	MB2146	SHADNAGAR	2G+3G	NBSNL
91	Nagarkurnool	Karkalpahad_MB2167	MB2167	AMANGAL	2G+3G	NBSNL
92	Nagarkurnool	Sangam_MB2205	MB2205	SHADNAGAR	2G+3G	NBSNL
93	Nagarkurnool	Urukonda_MB2215	MB2215	KALWAKURTHY	2G+3G	NBSNL
94	Nagarkurnool	Jupalle_MB2163C	MB2163	KALWAKURTHY	2G+3G	NBSNL
95	Nagarkurnool	JNPC_MB2079	MB2079	MAHABOBNAGAR	2G+3G	NBSNL
96	Nagarkurnool	TelkapalliHW_MB2052	MB2052	NAGARKURNOOL	2G+3G	NBSNL
97	Nagarkurnool	Bijnapalle_MB2142	MB2142	NAGARKURNOOL	2G+3G	NBSNL
98	Nagarkurnool	MysagandiTemp_MB5049	MB5049	AMANGAL	2G+3G	NBSNL
99	Nagarkurnool	Charukonda_MB2030	MB2030	KALWAKURTHY	2G+3G	IP
100	Nagarkurnool	Inmulnarva_MB2158	MB2158	SHADNAGAR	2G+3G	IP
101	Nagarkurnool	KReddyPly_GTL_MB5039	MB5039	MAHABOBNAGAR	2G	IP
102	Nagarkurnool	Karvena_GTL_MB5009C	MB5009	MAHABOBNAGAR	2G	IP
103	Nagarkurnool	Gundiya_GTL_MB5013C	MB5013	MAHABOBNAGAR	2G	IP
104	Nagarkurnool	Mamdipali_ASD_MB5034C	MB5034	SHADNAGAR	2G	IP
105	Nagarkurnool	RagupatptVIOM_MB5001C	MB5001	KALWAKURTHY	2G	IP
106	Nagarkurnool	Avancha_GTL_MB5063C	MB5063	NAGARKURNOOL	2G	IP
107	Nagarkurnool	Tankara_GTL_MB5008C	MB5008	MAHABOBNAGAR	2G	IP
108	Nagarkurnool	Palwai_GTL_MB5012C	MB5012	GADWAL	2G	IP
109	Nagarkurnool	Chegur_GTL_MB5007	MB5007	SHADNAGAR	2G+3G	IP
110	Nagarkurnool	Annasagar_GTL_MB5016	MB5016	MAHABOBNAGAR	2G+3G	IP
111	Nagarkurnool	Vattem_GTL_MB5011	MB5011	NAGARKURNOOL	2G+3G	IP

List of BTS sites for Mobile Infrastructure Maintenance for Zone Gadwal

SL.NO	ZONE NAME	SITE NAME	SITE ID	SDCA	2G / 2G+3G / 2G+4G	BSNL/NBSNL/IP
1	Gadwal	Revulapalli_MB2178	MB2178	GADWAL	2G+3G	BSNL
2	Gadwal	Alampur_MB2026	MB2026	SANTHINAGAR	2G+3G	BSNL
3	Gadwal	KothakotaHW_MB2004	MB2004	WANAPARTHY	2G+3G	BSNL
4	Gadwal	IEEZA_MB2021	MB2021	GADWAL	2G+3G	BSNL
5	Gadwal	KosigiTE_MB2022	MB2022	KODANGAL	2G+3G	BSNL
6	Gadwal	Balijapalli_MB2140B	MB2140	WANAPARTHY	2G	BSNL
7	Gadwal	DevarakadraHW_MB2031	MB2031	ATMAKUR	2G+3G	BSNL
8	Gadwal	GhattuTE_MB2075	MB2075	GADWAL	2G+3G	BSNL
9	Gadwal	Borbeli_NB_HW_MB2001	MB2001	SANTHINAGAR	2G+3G	BSNL
10	Gadwal	PedkotapaliHW_MB2050	MB2050	KOLLAPUR	2G+3G	BSNL
11	Gadwal	Pangal_MB2099	MB2099	KOLLAPUR	2G+3G	BSNL
12	Gadwal	Undavalli_MB2107	MB2107	SANTHINAGAR	2G+3G	BSNL
13	Gadwal	Rajoli_MB2200	MB2200	SANTHINAGAR	2G+3G	BSNL
14	Gadwal	MadannapuraHW_MB2040	MB2040	WANAPARTHY	2G+3G	BSNL
15	Gadwal	Narva_MB2097C	MB2097	ATMAKUR	2G+3G	BSNL
16	Gadwal	Dhanwada_MB2071	MB2071	NARAYANAPET	2G+3G	BSNL
17	Gadwal	Maldakal_MB2092	MB2092	GADWAL	2G+3G	BSNL

18	Gadwal	Krishna_MB2182	MB2182	MAKTAL	2G+3G	BSNL
19	Gadwal	Manopad_MB2093	MB2093	SANTHINAGAR	2G+3G	BSNL
20	Gadwal	Marikal_MB2043	MB2043	NARAYANAPET	2G+3G	BSNL
21	Gadwal	Amarchinta_MB2065	MB2065	ATMAKUR	2G+3G	BSNL
22	Gadwal	Itikyala_MB2035	MB2035	SANTHINAGAR	2G+3G	BSNL
23	Gadwal	Apparala_MB2137	MB2137	WANAPARTHY	2G+3G	BSNL
24	Gadwal	Ravulapalle_MB2103	MB2103	KODANGAL	2G+3G	BSNL
25	Gadwal	KhillaGhanpur_MB2074C	MB2074	WANAPARTHY	2G+3G	BSNL
26	Gadwal	Maddur_MB2039	MB2039	NARAYANAPET	2G+3G	BSNL
27	Gadwal	Utkur_NB_MB2054	MB2054	NARAYANAPET	2G+3G	BSNL
28	Gadwal	Pebbair_HW_MB2010	MB2010	WANAPARTHY	2G+3G	BSNL
29	Gadwal	Kollampalle_MB2174	MB2174	NARAYANAPET	2G	NBSNL
30	Gadwal	Chandapur_MB2120	MB2120	WANAPARTHY	2G	NBSNL
31	Gadwal	Pedatandrapdu_MB2187	MB2187	SANTHINAGAR	2G	NBSNL
32	Gadwal	Srinagar_MB2197	MB2197	SANTHINAGAR	2G	NBSNL
33	Gadwal	Ramapuram_MB2201	MB2201	SANTHINAGAR	2G	NBSNL
34	Gadwal	Buddaram_MB2144	MB2144	WANAPARTHY	2G	NBSNL
35	Gadwal	Kandur_MB2165C	MB2165	WANAPARTHY	2G	NBSNL
36	Gadwal	Bijjawaram_MB2141C	MB2141	GADWAL	2G	NBSNL
37	Gadwal	Kalwarala_MB2164C	MB2164	KOLLAPUR	2G	NBSNL
38	Gadwal	Kethepalli_MB2170C	MB2170	KOLLAPUR	2G	NBSNL
39	Gadwal	Kanukurthy_MB2166	MB2166	NARAYANAPET	2G	NBSNL
40	Gadwal	Balampet_MB2139	MB2139	KODANGAL	2G	NBSNL
41	Gadwal	Kyathur_MB2185C	MB2185	SANTHINAGAR	2G	NBSNL
42	Gadwal	Sindhanoor_MB2206C	MB2206	GADWAL	2G	NBSNL
43	Gadwal	Chennaram_MB2147C	MB2147	WANAPARTHY	2G	NBSNL
44	Gadwal	Mailaram_MB2207C	MB2207	KOLLAPUR	2G	NBSNL
46	Gadwal	Anathapur_MB2135	MB2135	GADWAL	2G+3G	NBSNL
47	Gadwal	Pudur_MB2196	MB2196	GADWAL	2G+3G	NBSNL
48	Gadwal	Kadukuntla_MB2080	MB2080	WANAPARTHY	2G+3G	NBSNL
49	Gadwal	Srirangapur_MB2211	MB2211	WANAPARTHY	2G+3G	NBSNL
50	Gadwal	Peddmandadi_MB2100	MB2100	WANAPARTHY	2G+3G	NBSNL
51	Gadwal	Gundmal_MB2076	MB2076	KODANGAL	2G+3G	NBSNL
52	Gadwal	Hasnabad_MB2157	MB2157	KODANGAL	2G+3G	NBSNL
53	Gadwal	Gummadam_MB2156C	MB2156	WANAPARTHY	2G+3G	NBSNL
54	Gadwal	Yelkur_MB2223C	MB2223	GADWAL	2G+3G	NBSNL
55	Gadwal	Kondapur_MB2177	MB2177	NARAYANAPET	2G+3G	NBSNL
56	Gadwal	Kotakonda_MB2180	MB2180	NARAYANAPET	2G+3G	NBSNL
57	Gadwal	CCKunta_MB2069	MB2069	ATMAKUR	2G+3G	NBSNL
58	Gadwal	Dhamaragidda_MB2070	MB2070	NARAYANAPET	2G+3G	NBSNL
59	Gadwal	Dharnuru_MB2072	MB2072	GADWAL	2G+3G	NBSNL
60	Gadwal	Veepanagandla_MB2055	MB2055	KOLLAPUR	2G+3G	NBSNL
61	Gadwal	Pentlavelli_MB2101	MB2101	KOLLAPUR	2G+3G	NBSNL
62	Gadwal	Gopalpet_MB2033	MB2033	WANAPARTHY	2G+3G	NBSNL
63	Gadwal	AddakalTE_MB2062	MB2062	WANAPARTHY	2G+3G	NBSNL
64	Gadwal	Bomraspet_MB2068	MB2068	KODANGAL	2G+3G	NBSNL
65	Gadwal	Macharla_MB5066	MB5066	GADWAL	2G	NBSNL

66	Gadwal	Rudraram_MB2204	MB2204	KODANGAL	2G	NBSNL
67	Gadwal	Gudebellur_MB2155C	MB2155	MAKTAL	2G	NBSNL
68	Gadwal	Mirdhoddi_MB5065C	MB5065	GADWAL	2G	NBSNL
69	Gadwal	MallepliGate_MB5074C	MB5074	MAKTAL	2G	NBSNL
70	Gadwal	Kpalli-XRoads_MB5076C	MB5076	NARAYANAPET	2G	NBSNL
71	Gadwal	Suguru_MB5000C	MB5000	WANAPARTHY	2G	NBSNL
72	Gadwal	Dorepalli_MB5077C	MB5077	NARAYANAPET	2G	NBSNL
73	Gadwal	Thipadmpally_MB5072C	MB5072	ATMAKUR	2G	NBSNL
74	Gadwal	Undyala_MB5071C	MB5071	ATMAKUR	2G	NBSNL
75	Gadwal	Kondair_MB5043C	MB5043	SANTHINAGAR	2G	NBSNL
76	Gadwal	Thumkunta_MB5052C	MB5052	KOLLAPUR	2G	NBSNL
77	Gadwal	Kodandapur_MB2172C	MB2172	SANTHINAGAR	2G	NBSNL
78	Gadwal	Remaddula_MB2169C	MB2169	WANAPARTHY	2G	NBSNL
79	Gadwal	Upperu_MB5069C	MB5069	GADWAL	2G	NBSNL
80	Gadwal	JTirumalapur_MB2138C	MB2138	WANAPARTHY	2G	NBSNL
81	Gadwal	Kalwakole_MB2081C	MB2081	KOLLAPUR	2G	NBSNL
82	Gadwal	Solipur_MB2210C	MB2210	WANAPARTHY	2G	NBSNL
83	Gadwal	Peddajantram_MB5073C	MB5073	NARAYANAPET	2G	NBSNL
84	Gadwal	Lalkota_MB5055C	MB5055	ATMAKUR	2G	NBSNL
85	Gadwal	Kanamanoor_MB5070C	MB5070	ATMAKUR	2G	NBSNL
86	Gadwal	Kuchinerla_MB2183C	MB2183	GADWAL	2G	NBSNL
87	Gadwal	Kistapur_MB2171C	MB2171	NARAYANAPET	2G	NBSNL
88	Gadwal	Jaklair_MB2078C	MB2078	MAKTAL	2G	NBSNL
89	Gadwal	Renvatla_MB2203C	MB2203	NARAYANAPET	2G	NBSNL
90	Gadwal	Angadiraichur_MB2136C	MB2136	KODANGAL	2G	NBSNL
91	Gadwal	Pullur_MB2198C	MB2198	SANTHINAGAR	2G	NBSNL
92	Gadwal	Koukuntla_MB2181	MB2181	ATMAKUR	2G+3G	NBSNL
93	Gadwal	10thBTLN_APSP_MB2025	MB2025	SANTHINAGAR	2G+3G	NBSNL
94	Gadwal	Kodair_MB2083	MB2083	KOLLAPUR	2G+3G	NBSNL
95	Gadwal	Chinnambavi_MB5075	MB5075	KOLLAPUR	2G+3G	NBSNL
96	Gadwal	Douthlabad_MB2150	MB2150	KODANGAL	2G+3G	NBSNL
97	Gadwal	Beachpally_MB5082	MB5082	SANTHINAGAR	2G+3G	NBSNL
98	Gadwal	Kosigi_2_MB2226	MB2226	KODANGAL	2G+3G	NBSNL
99	Gadwal	Jajapur_MB2162	MB2162	NARAYANAPET	2G	NBSNL
100	Gadwal	Koppunur_GTL_MB5038	MB5038	KOLLAPUR	2G	IP
101	Gadwal	Mandoddi_GTL_MB5085	MB5085	SANTHINAGAR	2G	IP
102	Gadwal	Linganavi_GTL_MB5010C	MB5010	SANTHINAGAR	2G	IP
103	Gadwal	Pedadine_VIOM_MB5002C	MB5002	SANTHINAGAR	2G	IP
104	Gadwal	Mojerla_VIOM_MB5004C	MB5004	WANAPARTHY	2G	IP
105	Gadwal	Nately_WTT_MB5003	MB5003	WANAPARTHY	2G+3G	IP
106	Gadwal	W_kondaVIOM_MB5005	MB5005	WANAPARTHY	2G+3G	IP
107	Gadwal	Atmakur2_TVPL_MB5037	MB5037	ATMAKUR	2G+3G	IP
108	Gadwal	Pebbair2_VIOM_MB5006	MB5006	WANAPARTHY	2G+3G	IP
109	Gadwal	Kothkota_VIOM_MB5036	MB5036	WANAPARTHY	2G+3G	IP

Non - Out sourced sites for Rigger activities :
Nagarkurnool ZONE :

S.NO	CLUSTER	SITE NAME	SITE ID	SDCA		
1	Nagarkurnool	MBN_Padmavati_MB2005	MB2005	MAHABOOBNAGAR	2G+4G	NBSNL
2	Nagarkurnool	MBN_RBM_III_MB2006	MB2006	MAHABOOBNAGAR	2G+4G	NBSNL
3	Nagarkurnool	MBN_TE_MB2007	MB2007	MAHABOOBNAGAR	2G+4G	BSNL
4	Nagarkurnool	NagarKurnulTE_MB2009	MB2009	NAGARKURNOOL	2G+4G	BSNL
5	Nagarkurnool	Shadnagar_HW_MB2011	MB2011	SHADNAGAR	2G+4G	BSNL
6	Nagarkurnool	JedcherlaTE_MB2015	MB2015	MAHABOOBNAGAR	2G+4G	BSNL
7	Nagarkurnool	MBN_GMOffice_MB2018	MB2018	MAHABOOBNAGAR	2G+4G	BSNL
8	Nagarkurnool	MBN_RBM_II_MB2045	MB2045	MAHABOOBNAGAR	2G+4G	NBSNL
9	Nagarkurnool	NagarkurnoolNB_MB2048	MB2048	NAGARKURNOOL	2G+4G	NBSNL
10	Nagarkurnool	Achampeta_TE_MB2013	MB2013	ACHAMPET	2G+3G	BSNL
11	Nagarkurnool	Achampeta_MB2061	MB2061	ACHAMPET	2G+3G	NBSNL
12	Nagarkurnool	KalwakurthyTE_MB2016	MB2016	KALWAKURTHY	2G+3G	BSNL
13	Nagarkurnool	KalwakurthyNB_MB2082	MB2082	KALWAKURTHY	2G+3G	BSNL
14	Nagarkurnool	NKLBstand_WTT_MB2126	MB2126	NAGARKURNOOL	2G+4G	IP
15	Nagarkurnool	LIC Street_SAU_MB2131	MB2131	MAHABOOBNAGAR	2G+4G	IP
16	Nagarkurnool	OldPowerHouseRoad_GTL_MB5017	MB5017	MAHABOOBNAGAR	2G+4G	IP
17	Nagarkurnool	Thimasanpally_VIOM_MB5018	MB5018	MAHABOOBNAGAR	2G+4G	IP
18	Nagarkurnool	Chinadrply_GTL_MB5019	MB5019	MAHABOOBNAGAR	2G+4G	IP
19	Nagarkurnool	NewTown_GTL_MB5021	MB5021	MAHABOOBNAGAR	2G+4G	IP
20	Nagarkurnool	Shivshaktinagar_VIOM_MB5022	MB5022	MAHABOOBNAGAR	2G+4G	IP
21	Nagarkurnool	Shashagutta_VIOM_MB5024	MB5024	MAHABOOBNAGAR	2G+4G	IP
22	Nagarkurnool	SVS_Hospital_TV_MB5027	MB5027	MAHABOOBNAGAR	2G+4G	IP
23	Nagarkurnool	Jedcharla_VOIM_MB5029	MB5029	MAHABOOBNAGAR	2G+4G	IP
24	Nagarkurnool	FazalbandaColony_MB5068	MB5068	MAHABOOBNAGAR	2G+4G	IP
25	Nagarkurnool	MBN_BagirathCly_CNIL_MB5084	MB5084	MAHABOOBNAGAR	2G+4G	IP
26	Nagarkurnool	KKY_Vngr_VIOM_MB2125	MB2125	KALWAKURTHY	2G+3G	IP
27	Nagarkurnool	Kalwkurthy_VIOM_MB5030	MB5030	KALWAKURTHY	2G+3G	IP
28	Nagarkurnool	Jedcherla_HW_MB2003	MB2003	MAHABOOBNAGAR	2G+4G	NBSNL
29	Nagarkurnool	MBN_OldHosp_NB_MB2044	MB2044	MAHABOOBNAGAR	2G+4G	NBSNL
30	Nagarkurnool	MBN_SVS_Hpl_NB_MB2051	MB2051	MAHABOOBNAGAR	2G+4G	NBSNL
31	Nagarkurnool	Jedcherla_Gunj_MB2077	MB2077	MAHABOOBNAGAR	2G+4G	NBSNL
32	Nagarkurnool	MBN_CTOBld_MB2088	MB2088	MAHABOOBNAGAR	2G+4G	NBSNL
33	Nagarkurnool	MBN_ChristClny_MB2091	MB2091	MAHABOOBNAGAR	2G+4G	NBSNL
34	Nagarkurnool	NagarkurnoolGP_MB2094	MB2094	NAGARKURNOOL	2G+4G	NBSNL
35	Nagarkurnool	Shadnagar_NB_MB2104	MB2104	SHADNAGAR	2G+4G	BSNL
36	Nagarkurnool	Chatanpalle_MB2122	MB2122	SHADNAGAR	2G+4G	NBSNL
37	Nagarkurnool	Achampeta_3_MB2132	MB2132	ACHAMPET	2G+3G	NBSNL
38	Nagarkurnool	Amangal_TE_MB2014	MB2014	AMANGAL	2G+3G	BSNL
39	Nagarkurnool	Amangal_MB2064	MB2064	AMANGAL	2G+3G	NBSNL

Non - Out sourced sites for Rigger activities :**Gadwal ZONE:**

S.NO	CLUSTER	SITE NAME	SITE ID	SDCA		
1	Gadwal	Gadwal_3_MB2073	MB2073	GADWAL	2G+4G	NBSNL
2	Gadwal	Gadwal_TE_MB2002	MB2002	GADWAL	2G+4G	BSNL
3	Gadwal	Wanaparthy_TE_MB2012	MB2012	WANAPARTHY	2G+4G	BSNL
4	Gadwal	Wanaparthy_MB2111	MB2111	WANAPARTHY	2G+4G	NBSNL
5	Gadwal	NNPTBramhwadi_MB2096	MB2096	NARAYANAPET	2G+3G	NBSNL
6	Gadwal	Makthal_TE_MB2017	MB2017	MAKTAL	2G+3G	BSNL
7	Gadwal	NarayanapetTE_MB2019	MB2019	NARAYANAPET	2G+3G	BSNL
8	Gadwal	Atmakuru_MB2027	MB2027	ATMAKUR	2G+3G	BSNL
9	Gadwal	ShanthiNagar_MB2024	MB2024	SANTHINAGAR	2G+3G	BSNL
10	Gadwal	KollapurPO_MB2085	MB2085	KOLLAPUR	2G+3G	NBSNL
11	Gadwal	Kodangal_MB2037	MB2037	KODANGAL	2G+3G	BSNL
12	Gadwal	WNP_Collectorate_TS_MB5090	MB5090	WANAPARTHY	2G+4G	NBSNL
13	Gadwal	GWL_LBCInyWTT_MB2123	MB2123	GADWAL	2G+4G	IP
14	Gadwal	GWRLyGate_WTT_MB2124	MB2124	GADWAL	2G+4G	IP
15	Gadwal	MohanmillVIOM_MB5035	MB5035	GADWAL	2G+4G	IP
16	Gadwal	Makthal_VIOM_MB2133	MB2133	MAKTAL	2G+3G	IP
17	Gadwal	Gadwal_NB_MB2032	MB2032	GADWAL	2G+4G	NBSNL
18	Gadwal	WPT_NandiHils_MB2056	MB2056	WANAPARTHY	2G+4G	NBSNL
19	Gadwal	NNPT_Shivaji_MB2127	MB2127	NARAYANAPET	2G+3G	NBSNL
20	Gadwal	Kollapur_MB2038	MB2038	KOLLAPUR	2G+3G	BSNL
21	Gadwal	Kodangal_2_MB5047	MB5047	KODANGAL	2G+3G	NBSNL