

DETAILED NOTICE INVITING E-TENDER

(DNIT)

CE OFFICE Draft NIT No: - 08/CEE/ BSNL-RYP/ 2022-23
DIVISION NIT NO.:- 45 /EEE/BSNL/RYP/2022-23(2nd Call)

Dated:07-12-2022
Dated: 24.12.2022

The Executive Engineer (Elect.), BSNL Electrical Division, First floor, Old TRA Building, Fafadih Exchange Compound, Raipur [C.G.] invites on behalf of Bharat Sanchar Nigam Limited online item rate e-tenders for the following work from the eligible contractors satisfying the following conditions: -

Name of work	Estimated cost (Rs.)	Earnest Money Deposit "EMD" (Rs.)	Time for completion of Work
Supplying, Installation, Testing & Commissioning of 137 Nos 1.5TR, 5-star Inverter type Split AC units for different BSNL Telephone Exchange Sites under BSNL Electrical Division Raipur Chhattisgarh.	75,59,446.00	1,51,189.00	03 Months

1.1 Physical copy of the tender document would not be available for sale.

1.2 For online bid submission etc. bidders have to mandatorily register (if not already Registered) **on GeM portal <https://gem.gov.in>** and follow all steps as per functionality of GEM Portal.

1.3 The Tender document shall not be available for download on its submission / closing date.

2) Eligibility Criteria: - The Contractors satisfying the following shall be eligible to bid.

(a) Financial norms: The average annual turnover during last three years, ending 31st March of previous financial year, should be at least 30% of the estimated cost **i.e. Rs 22,67,834.00**

AND

(b) Physical norms: Firms satisfying the following conditions:

(i) Original Manufacturers of Split Air-conditioners of 5 star rating of 1.5TR and above capacity.

(OR)

(ii) Dealers authorized by Original Manufacturers of Split Air-conditioners of 1.5TR and above capacity. The letter of authorization in original from the manufacturer will have to be produced by the dealers to participate in this NIT.

(Note: - The GeM bid document number should be clearly mentioned in letter of authorization, for which going to participate.)

(OR)

(iii) Experience of having successfully completed similar works (Similar work stands for Supplying, installation, testing, commissioning of **Split Air-conditioners of capacity not less than 1.5 TR.**) in Central Government /State Government /Central Autonomous Body/Central Public sector undertaking during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following—

➤ Three similar completed works each costing not less than the amount equal to **40%** of the estimated cost **(i.e. Rs 30,23,779.00)**

OR

➤ Two similar successfully completed works each costing not less than the amount equal to **60%** of the estimated cost put to tender (i.e. Rs **45,35,668.00**)

OR

➤ One similar successfully completed work costing not less than the amount equal to **80%** of the

SDE(E-P)

EE(E-P)

estimated cost put to tender. (i.e., **Rs 60,47,557.00**).

3) Bidder(s) which have been black-listed by BSNL/DOT/Govt. Departments/PSU/State Govt/GST Authorities at the time of bidding are NOT eligible to participate in this tender.

4) In the case of MSE (Micro and small enterprises) units the bidder should declare UAM (UdyamAdhar Memorandum) / URN (Udyam Registration Number) number on GeM portal. The bidders who also fail to submit UAM/ URN number shall not be able to avail the benefits available to MSEs as contained in public procurement policy for MSEs order, 2012 issued by MSME. The undertaking regarding submission of UAM/URN number on GeM portal is to be uploaded online. 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 and to be uploaded in the e-portal.

5) Earnest Money (EMD) -The bidder shall furnish the bid EMD in one of the following ways: -

(a) Banker's Cheque / Deposit at Call Receipt of a scheduled bank / fixed deposit receipt of a scheduled bank / Demand draft/bank guarantee of a scheduled bank issued in favour of **AO (CASH), O/O GMTD BSNL Raipur** , Bank Guarantee should be valid for 45 days beyond the bid validity.

OR

(b) The bidder may also furnish the bid EMD **through RTGS/NEFT in BSNL A/c** whose details are As mentioned here, under intimation to this office:. The **EMD shall be deposited online in the Account of AO (CASH),O/o GMTD BSNL, Raipur, A/C No. 1066002100026253 IFSC Code PUNB0106600 of PUNJAB NATIONAL BANK Station Road, Raipur**

(c) Scanned copy of the same shall be uploaded by Seller in the online bid and Originals of bank instruments such as DD or EMBG towards EMD/ Bid Security (if not submitted through e-payment mode), shall be submitted by bidder on any date before or within 5 days of bid submission end date in the office of Buyer / Engineer In-charge failing which the bid shall be rejected.

(d) The EMD should be valid for 45 days beyond the bid validity (90 Days).

6) The intending bidder eligible to submit the bid has to scan and upload the following documents.

(A) Mandatory Documents--

- a) Demand Draft/FDR/CDR/BG of any Nationalized / scheduled bank **or** payment made **through RTGS/NEFT Transaction Receipt** in BSNL A/c towards **EMD**.
- b) Documentary proof of satisfying eligibility conditions.
- c) EMD Exemption certificate [If Applicable] under Para-15 below.

(B) Additional Documents--

- a) PAN Card issued by Income Tax Department.
- b) Valid GST Registration certificate
- c) Valid EPF and ESI registration (If applicable).
- d) Declaration that none of his/her relative is employed in BSNL Units to be given by Contractor (Annexure-I).
- e) Self- Declaration about GST % considered by the Seller for this Bid since price quoting in GeM is Inclusive of Tax.
- f) Duly filled ANNEXURE-I (Technical specification to be filled for 1.5 TR 5 Star High wall inverter type split air conditioners).

All above documents (photo copies) shall be self attested. The Executive Engineer (Elect.), BSNL Electrical Division, Raipur can ask the agency for producing the original documents, if required, before opening financial bids.

SDE(E-P)

EE(E-P)

Important Note: Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Para no. 6 above of this tender document, information sought in Bid document and Corrigendum if any, on or before the time given for responding to the clarifications sought by the buyer .

(7) The Bid documents consisting of the detailed plans, complete specifications, the schedule of quantities of the various classes of works to be done and the set of conditions of contract to be complied with and other necessary documents, can be seen and downloaded from website **www.chhattisgarh.bsnl.co.in** free of cost as well as in the Division Office.

8.1 Incomplete, ambiguous, Conditional, are liable to be rejected.

8.2 "The CE (Elect), BSNL, Raipur" reserves the right to accept or reject any or all tender bids without assigning any reason. He is not bound to accept the lowest tender.

8.3 The queries in respect of the tender document, if any, can be submitted through Email, within two days prior to the date of opening of tender.

C. Any query received after this date will not be entertained.

Gem Helpdesk	
Telephone	1800-419-3436 & 1800-102-3436
E-mail ID	helpdesk-gem@gov.in
BSNL Contact-1	
BSNL's Contact Person	Shri S L Kakde, Executive Engineer (Elect.), BSNL Electrical Division, First floor, Old TRA Building, Fafadih Exchange Compound, Raipur [C.G.]
Telephone	0771 - 2430072 , 94229 31803
E-mail ID	eee.ryp@gmail.com
BSNL Contact-2	
BSNL's Contact Person	Shri Rajesh Kumar Sontake SDE (E) BSNL Electrical Sub Division, First floor, Old TRA Building, Fafadih Exchange Compound, Raipur [C.G.]
Telephone	9425201567
E-mail ID	sdebsnlryp2@gmail.com

8.4 Tenders should not contain any condition including conditional rebate. Such tender shall be rejected forthwith. However, tenders with unconditional rebate will be considered.

9). Performance Security: All Bidder (including MSEs who are registered with the designated MSME bodies, like National Small Scale Industries Corporation etc. shall furnish performance security to the purchaser for an amount equal to **3% of the contract value** in the form of bank guarantee/CDR/FDR/DD (of a nationalized/Scheduled bank in a standard format) within 15 DAYS from the date of issue of award letter to them. This period can be further extended by the Engineer In charge up to a maximum period of two weeks on written request of contractor. Performance Bank Guarantee (PBG) shall be valid for 3 months beyond the date of completion of all contractual obligations including warrantee obligations, will be obtained from successful bidder.

Security deposit:

A sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum will amount to security deposit of 10% (i/c 3% PBG) of the Tendered value of the individual agreement for supply & ITC.

NOTE: The security deposit deducted during running bills (except 3% Performance Bank Guarantee (PBG) shall be refunded after satisfactory completion of warranty period (i. e. 15 months from the date of supply or 12 months from the date of installation of air conditioner, whichever is earlier.) But, bidder shall support for PCB & Compressor for 4 years (48 months) & 9 years (108 months) additional warranty period respectively.

SDE(E-P)

EE(E-P)

10). Payment terms: -

Payment to the contractors for Agreements during progress of work will be regulated as below: -

- i. 90 % of pro-rata of the approved price breakup of contract value on receipt of equipment at site and after satisfactory physical inspection.
- ii. 10% of pro-rata of the approved price breakup of contract value after successful installation, Testing and Commissioning of equipment.

Note: - i) Agency has to submit invoice to concerned Executive Engineer (E), who had entered into the agreement.

ii) For supply: - All consignees will check the invoice submitted by the contractor within 7 days from the date of receipt of invoice from the contractor & submit to concerned Executive Engineer (E) along with all documents required for passing of bills.

iii) For ITC & other items: - All consignees will check the invoice & measurement submitted by the contractor within 10 days from the date of receipt of invoice from the contractor & submit to concerned Executive Engineer (E) along with all documents required for passing of bills.

11) In case of major accident / loss on account of negligence on part of contractor, the contract shall be terminated and SD deposited shall stand forfeited.

12) Termination of Contract on Death of Contractor:

Without prejudice of any of the rights or remedies under this contract, if the contractor dies, the Engineer in charge on behalf of the BSNL shall have the option of terminating the contract without compensation to the contractor.

13) Indulging of Contractor in Criminal / Antisocial Activities and Cases under Investigation/ Charge sheeted by CBI or any other Government Agencies:

If the CBI / Independent External Monitor (IEM) / Income tax / GST/ Central Excise / Custom Departments recommend such a course – Action will be taken as per the directions of CBI or concerned department.

14) SCHEDULE OF REQUIREMENTS (SOR)**Consignee/Engineer In charge - Details of Split AC 1.5 TR**

S.N.	BSNL BA / OA	Name of Site	No. of Units	Delivery Site Address	Consignee
1	RAIPUR BA	Mahasmund	4	BSNL, Telephone Exch. Mahasmund	Shri.Rajesh Kumar Sontake SDE[Electrical] BSNL Electrical Sub Division Raipur [C.G.] Mobile No. (9425201567)
2		BAGBAHRA	2	BSNL, Telephone Exch. BAGBAHRA	
3		PITHOURA	2	BSNL, Telephone Exch. PITHOURA	
4		BASANA	4	BSNL, Telephone Exch. BASANA	
5		SARAIPALI	3	SDO office BSNL,Telephone Exch. SARAIPALI	
6		Jhilimila	2	BSNL ,Telephone Exch. Jhilimila	
7		TE NEORA	2	BSNL, Telephone Exch. NEORA	
8		TE SIMGA	4	BSNL, Telephone Exch. SIMGA	
9		TE KHARORA	4	BSNL, Telephone Exch. KHARORA	
10		TE KASDOL	3	BSNL, Telephone Exch. KASDOL	
11		TE BELAIGARH	3	BSNL, Telephone Exch. BELAIGARH	
12		TE SERSIWA	2	BSNL, Telephone Exch. SERSIWA	

SDE(E-P)**EE(E-P)**

13	DURGOA	TE BHATGAON	2	BSNL, Telephone Exch. BHATGAON
14		Abhanpur	2	BSNL, Telephone Exch. Abhanpur
15		Gariyaband	2	BSNL, Telephone Exch. Gariyaband
16		Vidhansabha	3	BSNL, Telephone Exch. Civil Lines (Vidhansabha) Raipur
17		Raipur Fafadih	4	BSNL, Telephone Exch. Fafadih, Raipur
18		Sunder Nagar	2	BSNL, Telephone Exch. Sunder Nagar, Raipur
19		Tatibandh	2	BSNL, Telephone Exch. Tatibandh, Raipur
20		DD Nagar	2	BSNL, Telephone Exch. DD Nagar, Raipur
21		Choube Colony	2	BSNL, Telephone Exch. Chaube Colony, Raipur
22		Avanti Nagar	2	BSNL, Telephone Exch. Avanti Nagar, Raipur
23		Mandir hasoud	2	BSNL, Telephone Exch. Mandir hasoud, Ring Road, Raipur
24		Conference Hall CGM Office	10	Admn. Bldg., % CGMT, BSNL Khamardih, Raipur
25		Balod	3	SDO Office, Telephone Exch. Balod
26		RAJNANDGAON	4	Main BSNL Tele. Exch, Raipur Naka, Rajnandgaon
27		KHAIRAGARH	4	SDO Office, Telephone Exch. Khairagarh
28		Dhamdha	3	SDO Office, BSNL, Telephone, Exch. Dhamdha
29		Gunderdehi	2	BSNL Telephone Exch. Near Bus Stand, Gunderdehi
30		Dallirajhara	4	BSNL, Telephone Exch. Dallirajhara
31		Dongargarh	2	SDO Office, BSNL, Telephone Exch. Dongargarh
32		Risali	2	BSNL, Telephone Exch. Risali, Bhilai
33		Nehrunagar	2	BSNL, Telephone Exch., Nehrunagar(East), Bhilai
34		Shanti Nagar	2	BSNL, Telephone Exch., Shantinagar, Bhilai
35		Civic center	2	BSNL, Telephone Exch. Civic Centre, Bhilai
36		Bemetara	4	SDO Office, BSNL, Telephone Exch. Bemetara
37	Gandai	2	BSNL, Telephone Exch. Gandai	
38	Salewara	2	BSNL, Telephone Exch. Salewara	
39	Rengakhar	2	BSNL, Telephone Exch. Rengakhar	
40	SECTOR-1	3	BSNL, Telephone Exch. Sector-I, Bhilai	
41	Durg MW	2	BSNL, Telephone Exch. Raipur Naka, Durg	
42	Dondi	2	BSNL, Telephone Exch. Dondi	
43	Deori	2	BSNL, Telephone Exch. Deori	
44	Markatola	2	BSNL, Telephone Exch. Markatola	

SDE(E-P)**EE(E-P)**

45	BASTAR BA	Keshkal	2	BSNL,Telephone Exch. Keshkal	Sh.Sundar Lal Markam SDE[Electrical] BSNL Electrical Sub Division Jagdalpur Mobile No - (9425201432)
46		Makdi	2	BSNL,Telephone Exch. Makdi	
47		Sarona	2	BSNL,Telephone Exch. Sarona	
48		Antagarh	3	BSNL,Telephone Exch. Antagarh	
49		Bhanupratpur	5	BSNL,Telephone Exch. Bhanupratpur	
50		Badekilepal	2	BSNL,Telephone Exch. Badekilepal	

15) Following categories of Sellers shall however, be exempted from furnishing Tender Cost/ EMD:

i) Micro and Small Enterprises who are manufacturer of the Primary Product Category or Service Provider of the Primary Service Category and give specific confirmation to this effect at the time of bid submission and whose credentials are validated online through Udyam Registration and through uploaded supporting documents.

ii). Start-ups as recognized by Department of Industrial Policy and Promotion (DIPP).

iii). KVIC, ACASH, WDO, Coir Board, TRIFED and Kendriya Bhandar.

iv). Sellers who have got their credentials verified through the process of Vendor Assessment by Vendor Assessment Agencies for the Primary Product / Primary Service for which Bid / RA has been invited.

v). Sellers/ Service Provider having annual turnover of Rs 500 Crore or more.

vi). Micro and Small Enterprises registered with NSIC for the Primary Product Category whose credentials are validated through NSIC database and through uploaded supporting documents.

vii). Micro and Small Enterprises registered with DIC for the Primary Product Category whose credentials are validated through DIC database and through uploaded supporting documents.

viii). Sellers / Service Providers holding BIS License for the Primary Product Category whose credentials are validated through BIS database and through uploaded supporting documents.

ix). Central / State PSUs.

x). Seller / Service Provider registered with designated Agency / Authority as specified in the bid document by the Buyer – such bidder shall have to upload scanned copy of relevant registration document in place of EMD document while bidding.

xi) In the case of MSE (Micro and small enterprises) units the bidder should declare UAM(UdyamAdhar Memorandum) / URN (Udyam Registration Number) number on GeM portal. The bidders who also fail to submit UAM/ URN number shall not be able to avail the benefits available to MSEs as contained in Public procurement policy for MSEs Order, 2012 issued by MSME. The undertaking regarding submission of UAM/URN number on GeM portal is to be uploaded online.

Note - If UAM number is not updated by bidder on GeM Portal, then the e-tender system will not treat the bidder as MSE bidder and this may affect its participation in e-reverse auction)

(xii) Notwithstanding above, GeM SPV / GeM Admin also reserve the right to debar such seller from GeM portal. Such debarment shall be for **minimum 3 months initially** on first such offence and on repeat offence, the debarment period can be increased suitably by GeM SPV / GeM Admin. By submitting a bid on GeM, the Bidder explicitly undertakes to abide by the above clause.

16. EMD submitted by the bidder shall be forfeited, if the bidder:

- i. Withdraws or modify or impairs or derogates from the bid in any respect within the period of validity of its bid (90 days); or
- ii. If it comes to notice that the information / documents furnished in its bid is false, misleading or forged; or
- iii. Fails to furnish requisite performance security / PBG within stipulated time required as per e-bid / RA conditions.

17. Earnest money of unsuccessful bidders shall be returned within 15 days after the award of contract or expiry of bid validity whichever is earlier. Earnest money of successful bidder shall be returned within 15 days after receipt of Performance Security / e-PBG.

- 18.** (i) The tenderer should give a certificate that none of his/her relative is employed in BSNL units. In case of proprietorship firm, certificate will be given by the proprietor and for partnership firm certificate will be given by all the directors of the company.
- ii) Near relatives of all BSNL employees either directly recruited or on deputation are prohibited from participation in tenders and execution of works in the different units of BSNL. The near relatives for this purpose are defined as:

Members of a Hindu Undivided family.

They are husband and wife.

The one is related to the other in the manner as father, mother, son(s) & son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s) & brother's wife, sister(s) & sister's husband (brother in law).

iii) The company or firm or any other persons is not permitted to tender for the work in BSNL unit in which his near relative(s) is (are) posted. The unit is defined as SSA/ circle/ Chief Engineer/ Chief Archt. / corporate office for non-executive employees and all SSA in a Circle including Circle office / Chief Engineer / Chief Architect / Corporate Office for Executive Employees (including those called as Gazetted officers at present). The tenderer should give a certificate that none of his / her such near relative is working in the units as defined above where he is going to apply for tender/ work, for proprietorship, partnership firms and limited company certificate shall be given by the authorized signatory of the firm. Any breach of these conditions by the company or firm or any other person, the tender / work will be cancelled and earnest money / performance guarantee will be forfeited at any stage whenever it is so noticed. BSNL will not pay any damages to the company or the firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit.

NEAR-RELATIONSHIP CERTIFICATE:

(Format of the Certificate to be given as per the clause 34.4 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."

Signature of the tenderer With date and seal

VENDOR INFORMATION FORM.

The required vendor details for processing of bills in the format (Annexure A) under GST regime shall be furnished to the Executive Engineer (E) concerned before execution of agreement.

(GST-Annexure-A)

VENDOR INFORMATION FORM			
Vendor name (Legal Entity Name)			
Constitution of business			
Communication address			
State			
PAN			
Vendor type :			
GST registration Number.			
Existing tax registration number (Please specify)			
Contact Person			
Designation			
Telephone Number			
Fax No.			
Email-ID			
BANK DETAILS			
Name of Bank			
Name of Branch			
Swift Code			
Account Number			
Account Name			
Provide the following information for all GST registrations :			
Total no. of GST Registration (pan India)			
For each of the registration, kindly provide the following information			
REGISTRATION FOR STATE-1			
Date of registration		GSTIN/UIN Number	
Registered address			
PIN Code		State name	State code
Composition scheme availed			
Declaration by :	Name :		
	Designation:		
	Date :		
Note: In case you have multiple registrations, please insert the details in additional page.			

MODEL FORM OF BANK GUARANTEE

BANK GUARANTEE BOND FOR EMD FOR AIR CONDITIONING, DIESEL ENGINE ALTERNATOR, LIFTS AND SUB-STATION WORKS WHEREVER THE AMOUNT OF EMD IS MORE THAN Rs. 20,000/-

Whereas _____ (herein after called "the Contractor(s)") has submitted its Tender dated __ for _____ (Name of work) _____.

KNOWN ALL MEN By these presents that We _____ of _____

having our registered office at _____ (here in after called "The Bank")

are bound up to _____ (hereinafter called "The BSNL") in the sum of _____

_____ for which payment will and truly to be made of the said BSNL,

the Bank binds itself, its success or and assigns by these presents.

THE CONDITIONS OF THE OBLIGATIONS ARE:-

1. If the Contractor(s) withdraw its Tender during the period of Tender validity specified on the Tender Form; or

2. If the Contractor(s) having been notified of the acceptance of its Tender by the BSNL during the period of Tender validity.

(a) Fails or refuses to execute the Contract.

(b) Fails or refuses to furnish Security Deposit in accordance with the conditions of Tender document.

We undertake to pay to the BSNL up to the above amount upon the receipt of its first written demand, without the BSNL having to substantiate its demand, provided that in its demand, the BSNL will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force as specified in the tender document up to and including thirty (30) days after the period of the Tender validity, and any demand in respect thereof should reach the Bank not later than the specified date/dates.

Signature of the Bank

Signature of the Witness

Name of Witness Address
of Witness.

SDE(E-P)

EE(E-P)

MODEL FORM OF PERFORMANCE GUARANTEE

1.0 BANK GUARANTEE BOND FOR PERFORMANCE GUARANTEE FOR ELECTRICAL INSTALLATION/O&M/AIR CONDITIONING, DIESEL ENGINE ALTERNATOR, LIFTS AND SUB-STATION WORKS etc.

Whereas (herein after called "the Contractor(s)" has submitted its Tender dated _____ for _____ (Name of work) and

Whereas..... (here in after called" the Contractor(s)" has been communicated the acceptance of its tender dated _____ for _____ (Name of work) vide letter No. _____ dated _____ by BSNL.

KNOWN ALL MEN By these presents that We _____ of _____ having our registered office at _____ (here in after called "The Bank") are bound up to _____ (here in after called "The BSNL") in the sum of _____ for which payment will and truly to be made of the said BSNL, the Bank binds itself, its successors and assigns by these presents.

2.0 We (name of the bank) _____ do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the BSNL by reason of breach by the said contract or(s)' of any of the terms or conditions contained in the said Agreement or by reason of the contractor(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 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 _____.

3.0 We undertake to pay to the BSNL any money so demanded not withstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending 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 contractor(s)/supplier(s) shall have no claim against us for making such payment.

4.0 We (name of 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 _____ (office/Department) BSNL certifies that the terms and conditions of the said Agreement have been fully or properly carried out by the said contractor(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry of _____ (as specified in the agreement) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.

5.0 We (name of 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 contractor(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 Contractor(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 Contractor(s) or for any forbearance, act or omission on the part of the BSNL or any indulgence by the BSNL to the said Contractor(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.

6.0 This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s)/supplier(s).

7.0 We (name of the bank) _____ lastly undertaken or to revoke this guarantee during its currency except with the previous consent of the BSNL in writing.

Dated the ____ day of _____

For _____

(Indicate the Name of Bank)

SDE(E-P)

EE(E-P)

Bharat Sanchar Nigam Limited GSTIN DETAILS

	Description	
1	State	CHHATTISGARH
2	TAN No.	DELB04661G
3	PAN No.	AACB5576G2
4	Type of Customer	Public Sector Undertaking
5	Name &Address	GROUND FLOOR , DIVISIONAL ENGINEER PLANNING II , BSNL CIRCLE OFFICE , VIDHAN SABHA ROAD, KHAMARDIH , Raipur , Chhatisgarh , 492007
6	Email Address	bsnlgst.cg@gmail.com
7	Contact no.	9407908357
8	GSTIN No.	22AACB5576G2ZU
9	List of Goods & Services Provided by Vendor	Service provider (Telecom)

Schedule of Work

Name of Work - Supplying, Installation , Testing & Commissioning of 137 Nos 1.5TR, 5-star Inverter type Split AC units for different BSNL Telephone Exchange Sites under BSNL Electrical Division Raipur Chhattisgarh.

Sl. No	Description of Item	Qty	Rate (i/c all taxes & Duties but excluding GST)	Unit	Total Amount excluding GST (Net cost)	GST% as applicable	Add GST Amount	Total Amount including GST
		A	B		C=A X B		D	E = C + D
1	<p>Supplying of 1.5 TR inverter type 5 Star rated split Air-Conditioner unit as per BEE star rating, minimum (ISEER) of 5.0 with temperature control thermistor, remote control unit, filters, rotary / scroll type compressor, copper tubes for both indoor and outdoor unit, Refrigerant gas with topping up of refrigerant if required, transportation of all of the above to the various sites and supplying the following up to the length of 3 Metre etc as required.</p> <p>(1) hot and cold refrigerant piping each and (2) suitable connecting electrical cable between indoor and outdoor unit. (3) Drain Pipe</p> <p>Note-- 1)The compressor shall be of Matsushita/Hitachi /Toshiba /Carrier / Emerson /LG/ Tecumseh / Danfoss make and shall be covered by manufacturers test certificate and Type Test Certificate according to JIS or ASHRAE. 2) The manufacturers / Suppliers shall give a warranty of the air conditioner for 15 months from date of supply or 12 months from date of installation, which is earlier. Thereafter 4 years (48 months) additional warranty on PCB (Indoor & Outdoor Printed circuit board) card and 9 years (108 months) additional warranty on the compressor.</p>	137 Nos.		Each				
2	<p>Installation, Testing & Commissioning of the 1.5 TR Inverter type Split AC unit at a specified location by mounting/fitting Indoor and Outdoor units at their respective locations , laying and fixing of both liquid and hot gas lines, inter connecting wiring for both indoor outdoor units up to 3 Metres length and ,interconnecting the indoor unit and outdoor unit with refrigerant line, insulating the refrigerant pipe with expandable polyethylene Foam tubing unit , Leak testing entire system ,charging Refrigerant gas in the unit ,making power supply connections from the power point etc complete as required.</p>	137 Jobs		Job				
3	<p>Supplying and fixing extra copper pipe line both 1/4" for gas line and 5/8"for liquid line OR suitable dia to match with the pipeline of the new unit along with suitable size rubber foam/insulation on surface of the wall i/c necessary flare nuts,suitably brazing with the existing pipe clamping, making holes in walls,same etc., as per site requirement.</p> <p>NOTE - The length of refrigerant pipes supplied with each A.C units is 3 Metre. Extra length shall be paid extra for which firm shall quote their unit rates.</p>	411 Metre		Metre				

UNPRICED SCHEDULE

4	Supplying and laying 3core 2.5sqmm PVC insulated and PVC sheathed flexible copper cable along with refrigerant pipe or along with existing conduit / cable tray i/c binding with plastic tags for extending supply from existing industrial socket to indoor unit etc, as required . (Make: any ISI mark) . NOTE- The length of Copper Cable supplied with each unit is 3 Metre . Extra length shall be paid extra for which firm shall quote their unit rates	411 Metre		Metre				
5	Supplying & fixing of Powder Coated MS frame stand comprising of Two numbers breaket made of heavy duty MS Sheet to accommodate the Condenser (Outdoor) unit for fixing on the wall with suitable diameter and length of Anchor fast bolts and making good damages etc as per site requirement .	137 Jobs		Job	UNPRICED SCHEDULE			
6	Supplying and Fixing of 20 mm dia heavy duty PVC pipe with accessories for drain water connection, over and above 3 Meters length where ever required etc. complete as required.	274 Metre		Metre				
TOTAL				Rs.				Rs.

Executive Engineer (E)
BSNL Electrical Division
Raipur

2. IMPORTANT NOTE FOR BIDDERS:

- i.** The work shall be carried out as per latest IS/ CPWD Specifications. However, any specific technical requirement of BSNL is mentioned in this document, the same will prevail/supersede.
- ii.** The rates for all items of work shall include cost of all materials, labour, packing and forwarding charges and other inputs involved in the execution of the items as specified in the scope of work. All taxes / duties, Cess, Welfare Fund etc. as applicable shall be included in the offer. No sales tax concessional forms will be issued by BSNL..
- iii.** For the purpose of this agreement, the term 'GST' shall include Central Goods and Service Tax Act, 2017 (CGST), State Goods and Service Tax Act, 2017 (SGST), Integrated Goods and Service Tax Act, 2017 (IGST), Union Territory Goods and Service Tax Act, 2017 (UTGST) and any other taxes levied under the GST related legislation in India, as may be applicable.
- iv.** All taxes except CGST, SGST, UTGST and IGST if any, required to be paid on the invoices as specified in clause above shall be borne by the supplier.
- v.** The firm has to obtain necessary clearance(s) wherever required.
- vi.** The tenderer shall furnish the technical literature and catalogues of the equipment offered at the time of submission of tenders.

3. SPECIAL CONDITIONS OF CONTRACT

3.1 Scope of work:

The work shall be carried out as per relevant BIS / CPWD General Specifications.

Wherever any specific technical specifications are mentioned in this document, the same will prevail.

3.2 Store and Materials:

All the stores and materials required for the satisfactory completion of the work shall be arranged at work site by the contractor from his own sources/open market. It should be clearly understood that no claim whatsoever shall be provided. However safe custody will be the contractor's responsibility.

3.3 TEST CERTIFICATES: -

The firm shall submit **Manufacturer test certificates** for Split AC Units at the time of delivery at site. In addition **Type Test Certificate** (as detailed in subsequent Para below) for two samples of each type/model of Air conditions from any NABL / ILAC Accredited laboratory shall be submitted by the firm.

3.4 Testing

In addition to the factory testing and submission of test certificate, the performance of the AC units shall be tested by Technical committee/by officer duly authorized by BSNL at site. Nothing extra will be paid for the same.

3.5 DATE OF COMPLETION: -

The work shall be deemed to have been completed after the fulfillment of the following:

- i. Physical installation of A.C unit.
- ii. Successful completion of testing & commissioning of AC unit as per the BSNL standards in the presence of representative of Engineer-in-Charge.

3.6 Manufacturer's Warranty:

- i) The manufacturer shall give a warranty for the soundness of construction and performance of the air conditioner and shall be responsible for putting right any manufacturing defects free of charge for a period of 15 months from the date of supply or 12 months from the date of installation of air conditioner, whichever is earlier.
- ii) Thereafter 4 years (48 months) additional warranty on PCB (Indoor & Outdoor Printed circuit board) card and 9 years (108 months) additional warranty on the compressor.

Note: - The Seller shall submit relevant documents for availing warranty as above along with complete address and contact telephone number to the consignee. The seller shall upload all relevant data on OEM's website for availing warranty smoothly.

3.7 SPLITTING OF WORK QUANTITIES: -

It is proposed to split the work amongst the first two lowest firms. The proportion of work distribution shall be as follows-

- i. 70% to the first lowest tenderer.
- ii. 30% to the second lowest tenderer.

In case the tenderer other than lowest tenderer do not agree to match the rates of L-I then 100% work shall be awarded to the lowest tenderer.

3.8 Currency of the Contract

- i. The Tender has been called in the jurisdiction of BSNL Electrical Zone, Raipur Chhattisgarh comprising of many SSA's. After awarding of work, a **Master Agreement** will be framed at BSNL Electrical Zone, Raipur Chhattisgarh . Thereafter individual Agreements shall be framed SSA wise at Division level based on Letter of Intent (LOI) issued by the SE (E)/ CE [E] , Raipur .
- ii. The currency of agreement shall be 12 months
- iii. The Contract shall be valid for issue of L.O.I. (Letter of Intent) for Twelve (12) months after the date of award. It will be subsequently extended for another three (03) months as per requirements and also be extendable by mutual consent for a further period of three (03) months.

3.9 OPERATION OF RATE CONTRACT

- i. The operation of this Rate Contract shall be governed by the General Rules and conditions of the Contract.
- ii. Operation of Rate Contract shall be further governed by the following:
- iii. The master agreement shall be signed between the firm and Chief Engineer [E] BSNL Electrical Zone, Raipur Chhattisgarh.
- iv. Individual letter of Intent [L.O.I.] shall be issued by the SE (E)/ CE [E] , Raipur to the firm giving all details.
- v. The Rate contract shall remain in force for a period of Twelve (12) months after the date of award. It will be subsequently extended for another three (03) months as per requirements and also be extendable by mutual consent for a further period of three months on mutual acceptance for issue to LOI from date of award.
- vi. The Schedule of work indicating quantities of various items of work shall be supplied by SE (E)/ CE [E] , Raipur , In respect of individual work to the concern Executive Engineer [E].
- vii. Formal work contract agreement will be made between Executive Engineer [E] and Firm on the basis of specimen agreement and schedule of the work supplied by the SE (E)/ CE [E] , Raipur
- viii. The date of commencement of individual works shall be reckoned from date of award by Executive Engineer (E).
- ix. The LOI can be issued in the entire jurisdiction of CE (E), BSNL Electrical Zone Raipur Chhattisgarh. The agency will bound to work at any site under entire Chhattisgarh state at same rate and condition.
- x. No work shall be undertaken without proper Letter of Intent.

3.10 Payment Terms

Payment to the contractors for Agreements during progress of work will be regulated as below: -

- i. 90 % of pro-rata of the approved price breakup of contract value on receipt of equipment at site and after satisfactory physical inspection.
- ii. 10% of pro-rata of the approved price breakup of contract value after successful installation, Testing and Commissioning of equipment.

Note: - i) Agency has to submit invoice to concerned Executive Engineer (E), who had entered into the agreement.

ii) For supply: - All consignees will check the invoice submitted by the contractor within 7 days from the date of receipt of invoice from the contractor & submit to concerned Executive Engineer (E) along with all documents required for passing of bills.

iii) For ITC & other items: - All consignees will check the invoice & measurement submitted by the contractor within 10 days from the date of receipt of invoice

from the contractor & submit to concerned Executive Engineer (E) along with all documents required for passing of bills.

3.11 Increase/ Decrease of tendered quantity

- i. BSNL will have the right to increase or decrease up to 25% of the contract value depending upon the requirement of goods and services specified in the schedule of items without any change in the unit price or other terms and conditions at the time of award of contract.

3.12 Set off Clause

Only those payments due to government against a particular contract agreement shall be deducted from bills of the same work, and not deductible from other works.

3.13 Debarment from Participation in future tender:

If bidder fails to support for attending faulty PCB & compressor under additional warranty period after refund of Security deposit as specified in relevant Para above i. e. after completion of warranty period of 15 months from the date of supply or 12 months from the date of installation of air conditioner, whichever is earlier.) shall be debarred from Participation in future tender:

3.14 TAX INDEMNITY:

BSNL has the right to recover Input Tax credit loss suffered by concerned **Account Officer of BSNL Electrical Division Raipur** due to any mis-declaration on invoice by the supplier.

.....

4.0 Specifications

GENERAL & TECHNICAL SPECIFICATIONS OF INVERTER TYPE SPLIT ACs

1. The air conditioner and its parts shall be constructed with the strength and rigidity adequate for normal conditions of handling, transport and usage.
2. There shall be no sharp edges or corners liable to cause injury under normal conditions of use and all moving parts which constitute accident hazards shall be effectively guarded.
3. Parts which require periodic servicing shall be readily accessible.
4. Air conditioners shall be capable of performing the functions as cooling, dehumidifying, air Circulating and filtering. The Air conditioners shall be provided with adjustable step less type electronic thermostat.
5. Outdoor unit of the air conditioners shall be fitted with rotary / scroll type compressor operating on Refrigerant R 32 / R 410A with suitably rated variable speed motor. It shall be equipped with overload protection and shall be mounted on resilient mountings for quiet operation. The compressor shall be of Matsushita /Hitachi / Toshiba / Carrier / Emerson / LG / Tecumseh / Danfoss make and shall be covered by manufacturers test certificate and Type Test Certificate according to JIS or ASHRAE.
6. Remote cordless control with LCD/LED Display shall be provided with one On/Off timer, selecting Fans speed (three speeds) and setting up of temperature. Display shall be provided on indoor unit or on hand set or on both.
7. Air conditioners shall be provided with standard 3 Metres refrigerant Copper pipe, electrical wire and drainage pipe; all 3Metres each are to be provided.
8. Type Test Certificate for two samples of each type/model of Air conditions from any NABL / ILAC Accredited laboratory shall be submitted by the firm. The type test results shall include capacity test at standard rating test conditions and maximum operating test as specified in IS:1391(Part-2)-1992.
9. **Service:** Free servicing shall be provided for 15 months from the date of supply or 12 months from the date of installation of air conditioner whichever is earlier. Firm is also required to send service engineer at least 3 times during the warranty period.
 - i) The OEM should have Service Centers at each district head quarters in Chhattisgarh state.
 - ii) The vendor participating bid has to submit declaration letter from OEM for providing service and spare parts of their product for next 10 years all over Chhattisgarh state.
10. **Manufacturer's Warranty:**
 - j) The manufacturer shall give a warranty for the soundness of construction and performance of the air conditioner and shall be responsible for putting right any manufacturing defects free of charge for a period of 15 months from the date of supply or 12 months from the date of installation of air conditioner, whichever is earlier.
 - ii) Thereafter 4 years (48 months) additional warranty on PCB (Indoor & Outdoor Printed circuit board) card and 9 years (108 months) additional warranty on the compressor.
11. **Installation:** The installation charges shall include the following work: -
 - a. Mounting/ Fitting indoor and outdoor units at the respective locations.
 - b. Laying refrigerant piping of required length and connecting both the units after drilling hole/ holes in the wall, if required.

- c. Leak testing of the entire system.
- d. Charging Refrigerant gas in the unit.
- e. Suitable electric wiring between indoors and outdoors units of required length up to switch at location of indoor unit. Switches /Sockets/Plugs are not included in the scope of supply.

12. **Inspection:**

Quality inspection certificate / Routine test certificate of the Inverter Split AC units shall be submitted at the time of supply.

13. **ACCEPTANCE OF PRODUCT: -**

Type Test Certificate (As mentioned in S.NO-8 Above) for two samples of each type /model of Air conditions from any NABL/ILAC Accredited laboratory shall be submitted by the firm within two weeks (14days) from the date of acceptance of work. In case the test reports does not meet the standard of specification or the tenderer does not submit the test reports in time, the tender will be rejected and EMD will be forfeited absolutely. Decision of CE (E), Raipur in this regard shall be final and binding. No claim what so ever shall be entertained by BSNL on this account.

ANNEXURE - I**(Technical specification to be filled for 1.5 TR 5 Star High wall inverter type split air conditioners)**

SL no	Details	Unit	Specifications to be filled in the below column by the tenderer / bidder
1	Name of the Manufacturer of Split AC unit		
1.1	Model No.		
1.2	Nominal cooling capacity (Minimum 4500kcal/hr or 5.2kW)	Kcal/hr(KW)	
1.3	BEE star rating	5 star	
1.4	Type of Compressor		
1.5	Energy efficiency as per ISEER (minimum 5.0)		
1.6	Type of Refrigerant		
1.7	Room Air Flow (Minimum 700Cub.mtr/Hr)	Cub.mtr/hr	
2	Overall Dimensions		
2.1	Overall Dimensions of Room Unit(Wall Mounted)	LxWxH (mm)	
2.2	Overall Dimensions of Outdoor Unit	LxWxH (mm)	
3	Electrical voltage Tolerance		
3.1	Stabilizer Free Operation (Minimum voltage range-120 volt-280 Volt)		
4	Compressor		
4.1	Make of Compressor or name of the Compressor Manufacturer		
4.2	Model of Compressor		
4.3	Capacity of Compressor at Rated Test Conditions as per IS:10617(P-1):1983 (Reaffirmed 2001) incorporating amend no 1 to 3	Kcal/hr	
4.4	Rating of Compressor Motor	KW	
4.5	Warranty period of compressor	Minimum 10 years	
5	Refrigerant		
5.1	Weight of Refrigerant charged into the Unit	Gms	
5.2	Type of Refrigerant	R 32 / R 410A	
5.3	Insulation material & thickness of suction pipe		

SDE(E-P)**EE(E-P)**

6	Fan motor (Outdoor unit)		
6..1	Maximum Input of Fan Motor (outdoor Unit)	Amp/Watt	
6.2	What is the speed of Fan Motor (Outdoor Unit)	rpm	
7	Condenser		
7.1	Make of Condenser		
7.2	Face Area of Condenser	Sq. Mtr	
7.3	Tube Material of condenser, OD & Thickness	mm	
7.4	No. of Rows of Condenser Coil	Nos.	
8	Evaporator coil		
8.1	Make of Evaporative Coil		
8.2	Tube Material, OD & thickness of Evaporative Coil	mm	
8.3	No. of rows of Evaporative Coil	Nos.	
9	Filter		
9.1	Type, Make/Material of Filter		
9.2	Area of Filter	Sq. Mtr	
9.3	Thickness	mm	
10	Drip Tray	Yes	
11	Blower Motor		
11.1	Make of Blower Motor		
11.2	Make of Fan Propeller/Blower		
12	Acoustic material	Yes	
13	Are manufacturer's instructions and operation service, installation manual are provided	Yes	

LIST OF APPROVED MAKES

S.No.	Item	Makes
1	Engine	Ashok Leyland / Cummins/ Cater pillar / KOEL/ Volvo Penta / Mahindra & Mahindra (up to 40 KVA) / Escorts (up to 30 KVA)/ Eicher (up to 20 KVA)
2	Alternator(Brushless)	Crompton Greaves (AL. series) / KEC / Leroy Somer / Stamford/Jyoti Ltd
3	Battery (Lead Acid / Mntc. Free)	Amara Raja / AMCO / Farukawa / Hitachi / Exide/Prestolite / Standard
4	HV Switchgear (Vacuum Circuit Breaker/SF6)	BieccoLawrie / Crompton / Kirloskar / MEI / Jyoti Ltd
5	Transformer (Oil filled / Dry type)	ABB / Schneider Electric / Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar/ Siemens
	a) Above 400 KVA	
	b) Up to 400 KVA	In addition to above makes: Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear
6	Air Circuit Breaker	L&T/ Schneider Electric / Siemens
7	MCCB(Ics=Icu)	L&T/ Schneider Electric / Siemens
8	SDF units	L&T/ Schneider Electric / Siemens/ HPL/Havells
9	Power Contactors	L&T/ Schneider Electric / Siemens/ Lakshmi(LECS)
10	Change Over Switch	HPL / Havells / H-H Elcon
11	Intelligent APFC Relay	L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/
12	Bus Bar Trunking / Sandwiched Bus Duct	Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta
13	Power Capacitors (MPP/APP)	L&T/EPCOS(Siemens)/ABB/Crompton/Schneider Electric/Neptune Ducati
14	Digital/ KWHr meter	Schneider Electric/ AE/ Digitron / IMP/Meco / Rishabh / Universal/HPL/L&T/ABB
15	Cold shrink HT/LT Cable Joint	Denson / 3M(M-Seal) / Raychem
16	Rubber Matting	ISI mark
17	MCB/ Isolator /ELCB/RCCB/ Distribution Board	Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL
18	MS/ PVC Conduit	ISI mark
19	Cable Tray	MEM/Bharti/Ratan/Slotco/Profab
20	HT/LT Cables	ISI mark
21	PVC insulated copper conductor wire	ISI mark
22	Centrifugal Pump	Amrut / BE / Beacon / Batliboi / Crompton / Jyoti / Kirloskar / KSB / Mather &platt / WASP/Grundfos
23	Submersible Pump	Crompton/Amrut / BE / Calama / Kirloskar / KSB
24	Motors	ABB/ Bharat Bijlee / Crompton Greaves / Schneider Electric / HBB / KEC / Siemens/Jyoti Ltd
25	Fresh Air Fans	GE / Khaitan/Almonard/Crompton
26	Starter	ABB / BCH / Schneider Electric / L&T / Siemens /

SDE(E-P)**EE(E-P)**

S.No.	Item	Makes
27	Single Phase Preventer	L&T / Minilec / Siemens / Zerotrip
28	GI/MS Pipe	ATC / ATL / BST / GSI / ITC / ITS / IIA / JST / Jindal / TTA / Tata/Zenith
29	Foot Valve	ISI mark
30	Gate Valve	Advance/Audco/Johnson Controls/Zoloto/Annapurna / Fountain /Kirloskar / Leader / Sant / Trishul
31	Compressors	Carrier/Emerson copeland/York/Danfoss (for chillers only)
32	Resin Bonded Glass wool	Fibre Glass / Pilkington / UP Twiga
33	Expanded Polystyrene	BASF(India) Ltd.
34	Gauge	Feibig / H.Guru / Pricol
35	Controls	FLICA / Honeywell / Indfoss / Penn-Danfoss / Ranco / Ranutrol / Sporland
36	Fine Filters	Anfiltra Effluent / ARW / Athlete/ Airtake/ Dyna / Kirsloskar/ Puromatic/ Purafill/ Purolator / Tenacity
37	GI Sheet	HSU Jindal / National / Nippon Denro /Sail / Tata
38	Heat Detector	Appollo / Chemtron/ Edward / Fenwal/ Hochiki / Nitton /System Sensor/ Wormald/Honeywell Essar/Notifier
39	Ionization Detector	Appollo / Cerebrus / Edward/ /Fenwal / Hochiki / Nitton / System Sensor / Wormald
40	Photo Electric Smoke Detector	Appollo / Cerebrus / Edward / Fenwal/ Hochiki / Nitton / Wormald
41	Fire Panel (Microprocessor based)	Agni Instruments / Agni Devices/ Aruna Agencies/ Carmel Sensor / Ravel Elect./Honeywell Essar/Notifier/Navin Systems
42	Sprinkler/ Hose Reel & Hose Pipe	ISI mark
43	Fire Extinguisher	ISI mark
44	Lift	OTIS, Kone, Mitsubishi, Schindler,Johnson
45	LED Tubelight/ fitting	Philips, Havells, WIPRO, Bajaj, Crompton

NOTE:

1. The accessories such as CT/PT/measuring instrument/relays provided by approved make in respect of Transformer/HT Panel/DG /AC Package Units as supplied by approved manufacturer along with the equipments are also acceptable in addition.

Executive Engineer (E)
BSNL Electrical Division
Raipur