



BHARAT SANCHAR NIGAM LIMITED
(A Government of India enterprise)

NOTICE FOR INVITATION FOR E- TENDER

Name of Work : Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099

NIT No.:	:	28 /BSNL/CD-FBR/CHN/2023-24
Estimate cost Put to tender	:	574035.00
Date of Issue of NIT	:	10.11.2023
Period of availability of Tender Document On website www.eprocure.gov.in	:	11.11.2023; 14:00Hrs.
Deadline for Receiving Tender online	:	20.11.2023; 18:00 Hrs.
Deadline for submitting EMD and other Physical Documents	:	22.11.2023; 15:00 Hrs.
Cost of Tender document	:	590/- (Including GST)
Earnest Money Deposit	:	11500.00
Date and time of Opening of eligibility envelope	:	22.11.2023 ; 15:30Hrs.
Date and Time for opening of Stage 1 Of the Tender (Techno Commercial Open)	:	22.11.2023; 15:40 Hrs.
Date and Time for opening of stage 2 Of the bid (Cost Open) of bid who Qualified in stage 1 of the Tender	:	22.11.2023; 16:00Hrs.
Period of Tender Validity	:	30 days

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Executive Engineer (Civil),
BSNL Civil Division-FBR,
Chennai-600 001

O/o Executive Engineer (Civil),
BSNL Civil Division- FBR Ground Floor, CTX Building,
Flower Bazaar Telephone Exchange compound
NSC Bose Road, Chennai 600001

BHARAT SANCHAR NIGAM LIMITED
(Government of India enterprise)

NOTICE INVITING e- TENDER

NIT No: 28/BSNL/CD FBR/CHN/2023-24

Date : 10.11.2023

1.0 Item Rate e- Tenders are invited on behalf of BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise), from approved and eligible contractors of DOT(Civil Wing) / BSNL (Civil Wing) and non-BSNL registered contractors of appropriate class of Public Works Organizations like CPWD, State PWD, DOP, MES and Railways for the following work:-

Name of work	Estimated cost	E.M.D	Period of completion
Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099	5,74,035/-	11500.00	30 Days

1.1.1 Eligible contractors, shall produce proof of their valid enlistment, GST registration & EPF registration with the appropriate authorities.

1.1.1 Criteria of eligibility for Non-BSNL registered contractors of Public Works Organizations like DOP, CPWD, MES, Railways State PWD.

1.2.1.1 For works above Rs 7.00 lakhs and up to Rs 5.00 Crore, the applicant should have completed similar works as per details below during the last 7 years ending last day of the month previous to one in which tenders are invited:

a) Three similar completed works each costing not less than Rs. ---- or,

b) Two similar completed works each costing not less than Rs. ---- or,

c) One similar completed work costing not less than Rs.---

For the purpose of this clause "Similar works" means "**Communication Tower Erection/painting/earthing/aviation lamp executed for Central/State Government/ Central or State Public Sector Undertakings.**

The experience certificate shall be issued by an officer not below the rank of Executive Engineer.

2.0 Agreement shall be drawn with the successful Tenderer on prescribed Form No. BSNL-W8, which is available as a BSNL Publication/ BSNL Website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in/ www.civil.bsnl.co.in. (in BSNLW6 and BSNL W8 forms)Tenderer shall quote his rates as per various terms and conditions contained in the General conditions of contract for Civil works BSNL-8, 2006 (as amended upto date) (Available on web site mentioned above duly superseded by additional conditions / specifications attached with tenders document which shall form part of tender documenty).

3.0 The time allowed for carrying out the work will be **30 Days** from the **3rd day** after the date of issue of letter of acceptance of work, or from the first day of handing over of the site, whichever is later, in accordance with phasing, if any , indicated in the Tender Document.

4.0 The site for the work shall be made available as specified below:
[Clear Site is available with BSNL.](#)

- 5.0 The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents along with Standard General Conditions of Contract Form can be seen on website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in / www.civil.bsnl.co.in free of cost.
- 6.0 After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of online bid as notified.
- 7.0 Earnest Money can be paid in the form of Demand Draft / Pay order / Banker's cheque/ Deposit at Call receipt / Fixed deposit receipts of a scheduled bank issued in favour of ACCOUNTS OFFICER BSNL, CHENNAI TELEPHONES payable at Chennai along with Bank Guarantee of any Scheduled Bank wherever applicable. When amount of earnest money is more than Rs. 5 lakhs, part of the earnest money is acceptable in the form of Bank Guarantee also. In such case, minimum 50% of earnest money (but not less than Rs. 5 lakh) or Rs. 25 lakh, whichever is less, will have to be deposited in the shape prescribed above. For balance amount of earnest money, bank guarantee will also be acceptable. .
- 7.1 The intending bidder has to fill all the details such as Banker's name, Demand Draft/Fixed Deposit Receipt /Pay Order/ Banker's Cheque/Bank Guarantee number, amount and date.
- (i) **Cost of Bid Document (Non refundable)** - Demand draft amounting **Rs. 500/- +18% GST = 590.00 (Rupees Five hundred and ninety) only** drawn in favour of, **BSNL CHENNAI TELEPHONES payable at Chennai. EMD – 11500.00 amounting Rs. Eleven thousand and five hundred only drawn in favour ACCOUNTS OFFICER BSNL, CHENNAI TELEPHONES payable at Chennai. DD taken from the account of tenderer only will be accepted. Otherwise, the tender will not be accepted and the amount will be forfeited.**
MSME registered tenderers are exempted for EMD. But tender cost has to paid. MSME exemption letter should be uploaded and also submitted at time of submitting tender alongwith eligibility documents.
- 7.2 Deposit at Call receipt or fixed deposit receipt of Scheduled Bank or demand draft or Bank Guarantee of a Scheduled Bank against EMD and Cost of bid document shall be placed in single sealed envelope super scribed as "Earnest Money Deposit and Cost of Bid Document" with name of work and due date of opening of the bid also mentioned thereon.
- 7.3 Copy of Enlistment Order and certificate of work experience and other documents as specified in the tender document shall be scanned and uploaded to the e-Tendering website within the period of bid submission and certified copy of each shall be deposited in a separate envelope marked as "Other Documents".
- 7.4 Both the envelopes as above shall be placed in another envelope with due mention of Name of work, date & time of opening of bids and to be submitted in the office of **Executive Engineer (C), BSNL Civil Division-FBR, BSNL Flower bazaar Telephone Exchange campus, NSC Bose road, Chennai – 600 001.**
- 7.5 The last date of submission of bids through on line is upto **18.00 Hours on 20.11.2023.**
- 7.6 The date of submission of eligibility documents (technical bid) etc. and EMD, tender cost fee (after submission of bid) in hard copy in the O/o Executive Engineer, Civil , BSNL Civil Division-I, Chennai will be upto **15:00 hrs on 22.11.2023.**
- 7.7 The date of opening of technical bid physical documents submitted will be opened at **15:30** hrs on the same day of submission. The date of opening of techno commercial open on line is **15:40 hrs 22.11.2023.**
- 7.8 The date of opening of financial bid will be at **16:00 hours on 22.11.2023.**
- 7.9 Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit, Cost of Bid Document and other documents placed in the envelope are found in order.

- 7.10 The bid submitted shall become invalid and cost of bid shall not be refunded if:
- (i) The bidder is found ineligible.
 - (ii) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.

- 7.11 In case the eligibility credentials are not found in order at any stage i.e. before award of work or during execution of the work or after completion of the work, the contractor will be debarred from tendering in BSNL for three years including any other action under the contract or existing law.

8. The description of the work is as follows:

Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099

9. Copies of other drawings and documents pertaining to the work will be open for inspection by the tenderers at the office of the above-mentioned officer.
Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials tools & plants, water, electricity, access facilities for workers and on all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the BTCL and local conditions and other factors having a bearing on the execution of the work.
10. The competent authority on behalf of BSNL, does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all of the tenders received without assignment of a reason. Tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
11. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
12. The competent authority on behalf of the BSNL, reserves with himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
13. The company or firm or any other person shall not be permitted to tender for works in BSNL Civil Zone in which his near relative (s) (directly recruited or on deputation in BSNL) is/are posted in any capacity either non-executive or executive employee. Near relative (s) for this purpose is/are defined as:
- (i) Member of Hindu Undivided family (UHF).
 - (ii) They are Husband and Wife.
 - (iii) The one is related to 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).

- a. The contractor shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relative to any executive employee/ gazetted officer in the BSNL or Department of Telecom or in the Ministry of Communications.
 - b. All the intending tenderers will have to give a certificate that none of his/her such near relative (s) as defined above is/are working in the concerned BSNL Civil Zone where he is going to apply for tender/work. **The format of the certificate is given in page No. 11 and should be signed by the tenderer.**
 - c. The certificate in case of Proprietorship Firm shall be given by the proprietor; for Partnership Firm certificate shall be given by all partners and in case of Limited Company, by all Directors of the company. However, Government of India/Financial Institutions nominees and independent non-official part-time Directors appointed by Govt. of India or the Governor of the State are excluded from the purview of submission of this certificate while submitting tenders by Limited Companies.
 - d. Any breach of these conditions by the Company or Firm or any other person, the tender/work will be cancelled and Earnest Money/ Security Deposit will be forfeited at any stage, whenever it is so noticed. BSNL will not pay any damages to the company or Firm or the concerned person but damages arising on account of such cancellation to be borne by the contractor. The Company or Firm or the person will also be debarred for further participation in the tender in the concerned BSNL Civil Zone. Further, any breach of this condition by the tenderer would also render him liable to be removed from the approved list of contractors or BSNL. If however the contractor is registered in any other Department he shall also be debarred from tendering in BSNL for any breach of this condition.
 - e. No Engineer of Gazetted rank or other Gazetted Officer employed in engineering or administrative duties in an Engineering Department of the Government of India/State Government or PSU's is allowed to work as a contractor for a period of one year after his retirement from Govt. service, without previous permission of the Govt. of India or BSNL in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Govt. of India / State Government or PSU's as aforesaid before submission of the tender or engagement in the contractor's service.
14. The tender for the work shall remain open for acceptance for a period of **30 Days** from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance /intent, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BSNL, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.
15. In case of works having estimated cost below Rs. 15,00,000/-, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the performa annexed to the tender document, within 15 days of the issue of letter of award by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and tender cancelled. In case of works of estimated to cost Rs.15,00,000/- and above, the successful tenderer shall, upon issue of letter of acceptance of Tender, shall be required to furnish
- a. Performance Guarantee @ 5% of the tendered value in the form of irrevocable Bank Guarantee of requisite amount to the Engineer-in-charge in the Performa annexed to the tender document, within **10 days** of the issue of letter of acceptance of Tender by the **BSNL**. In the event of failure on the part of the successful tenderer to furnish the Bank Guarantee within **10 days**, the earnest money will be forfeited and tender cancelled.
16. This Notice Inviting Tender (BSNL W-6) shall form a part of the Contract Document. In accordance with clause 1 of the contract, the letter of acceptance shall be issued first in favour of the successful Tenderer/ Contractor. After submission of the performance

guarantee, the letter of award shall be issued. The contract shall be deemed to have come into effect on issue of letter of acceptance of the tender. On issue of letter of award, the successful Tenderer/Contractor shall, within 30 days from such date, formally sign the agreement consisting of: -

- 1) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender, and, as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - 2) Standard BSNL W-7/8 as on website
 - 3) Agreement signed on non-judicial stamp paper as per Performa annexed to the tender document.
17. Payment to the contractors shall be made through e-payment system like ECS & EFT as detailed below: -
- (a) In cities/areas where ECS/EFT facility is provided by Banks, the tenderer must have Account in such ECS/EFT facility providing Banks and that Bank A/c No shall be quoted in the tender by the tenderer.
 - (b) The cost of ECS/EFT will be borne by BSNL in all cases where the payment to contractor is made in a local Branch i.e. tenderer is having bank account in the same place from where the payment is made by BSNL unit.
 - (c) In case payment is made to outside branch i.e. tenderer is having bank account not in the same place from where the payment is made by BSNL unit, the crediting cost will have to be borne by the tenderer only.
 - (d) The payments to contractors will compulsorily be made through ECS/EFT in respect of all contracts where the value of the contract is more than Rs. 10 lakhs.
18. First running account bill shall be paid only after
- (a) signing of the Agreement/Contract by both the parties, and
 - (b) progress chart has been prepared as required under Clause 5 and approved by the competent authority.
19. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in/ www.civil.bsnl.co.in. as well as in the Divisional/ Sub divisional Office.
20. The tenderer shall furnish a declaration to this effect (In case of downloaded tender) that no addition/deletion/correction have been made in the tender document submitted and it is identical to the tender document appearing on website. Every page of down loaded tender shall be signed by the tenderer with stamp (seal) of his firm / organization.

For & on behalf of Bharat Sanchar Nigam Limited

**Executive Engineer (Civil)
BSNL Civil Division-FBR,
Chennai-600 001.**

IMPORTANT INSTRUCTIONS TO ALL BIDDERS FOR e-TENDERING

The **Executive Engineer (Civil), BSNL Civil Division-I, Chennai** on behalf BHARAT SANCHAR NIGAM LIMITED (A GOVERNMENT OF INDIA ENTERPRISE), invites on line item Rate e- Tenders from approved and eligible contractors of DOT(Civil Wing) / BSNL (Civil Wing) and non-BSNL registered contractors of appropriate class of Public Works Organizations like CPWD, State PWD, DOP, MES and Railways for the following work:-

1	2	3	4	5	6	7	8	9	10
Sl. No.	NIT No.	Name of work & location	Estimated cost put to tender	Earnest money	Period of completion	Last date & Time of submission of bid on line	Period during which EMD, Cost of Bid Document, & Other documents shall be submitted off line	Time & date of opening of eligibility Envelope.e Technical bid	Time & date of opening of Financial Bid
1	28 /BSNL/CD-FBR/CHN/2023-24	Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099	5,74,035.00	11500.00	30 Days	20.11.2023 ; 18:00Hrs.	22.11.2023 ; 15:00Hrs.	22.11.2023 15:30Hrs	22.11.2023 ; 16:00 Hrs.

1. The intending bidder must read the terms and conditions of BSNL-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. Please go through the directives carefully. Any lapse / departure may lead to

- a) Rejection of your tender and / or
- b) Forfeiture of your earnest money / and or
- c) Cancellation of your registration and / or
- d) Debarring you from future tenders

1. The **Standard Form (The General Conditions of Contract for Civil Works 2006) (amended upto date)** shall form part of the agreement, to be drawn and signed by the both parties, after acceptance of tender. The Standard Form shall be available in downloadable manner from website <http://www.civil.bsnl.co.in> / www.tamilnadu.bsnl.co.in (in BSNLW6 and BSNL W8 forms)

2. Information and instructions for bidders posted on website www.eprocure.gov.in shall form part of bid document. If not registered, the intending bidders should get themselves registered with www.eprocure.gov.in Portal, as per instructions on the web site. The intending bidders who need digital signatures also should obtain in advance.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in
4. The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed deposit receipts towards cost of bid document and EMD in favour of ACCOUNTS OFFICER **BSNL, CHENNAI TELEPHONES payable at CHENNAI** and other documents as specified.
5. Those contractors who are not registered on the website mentioned above, are required to get registered beforehand.
6. The intending bidder must have valid Class-III digital signature to submit the bid
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractors shall quote rates for each item. The column meant for quoting rate in figures appears in flourescent colour. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank, the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
10. Conditional tender shall be rejected.
11. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criteria.
12. The tenderer should read carefully & understand the Additional Conditions, Additional Specifications and Particular Specifications, Schedule of Quantity, drawings etc attached with the tender document before actually quoting rates for the work.
13. Quoted rates shall deem to include cost of all materials, labour, operations, goods and service taxes and any other contingent item described in items, specifications etc. For Goods and service tax please refer conditions in schedule-F.
14. The rate shall also deem to include cost of any other material, labour, operations etc. without which the work would not be satisfactorily complete even though such material, labour, operation would not have been specifically mentioned in specifications etc.
15. The schedule of items, estimated cost etc in this contract are based on CPWD DSR 2018 and Local Market.
16. **The rates quoted shall include all taxes, GST, CWWC, royalty, seignior age charges that are applicable from time to time as per statutory rules of State / Central Government. The rate quoted will be exclusive of EPF. The EPF will be reimbursed to the extent of contractor contribution on the submission of proof of payment of the concerned authority.**
17. **Crushed stone sand shall be used as fine aggregate in all items of Reinforced cement concrete / plain cement concrete works and shall conform to Zone – III .**
18. **River sand shall be used as fine aggregate in finishing works (All plastering works) and shall conform to Zone – IV .**

List of Documents to be scanned and uploaded within the period of bid submission

- a) Demand draft/Pay order or Banker's Cheque/Deposit at Call Receipt/FDR of any Scheduled Bank against Earnest Money Deposit.
- b) Demand draft/Pay order or Banker's Cheque of any Scheduled Bank towards **cost of Bid document**.
- c) Valid Enlistment order of the contractor (As per applicability).
- d) Certificates of Work Experience (As per applicability).
- e) Declaration for online bid and Undertaking of no near relative as stipulated under Clause 13 of NIT (see page 11)
- f) Valid EPF registration certificate.
- g) GST registration certificate
- h) Power of attorney if applicable.
- i) MSME registration certificate where applicable.

DECLARATIONS TO BE GIVEN BY THE TENDERERS

- a) I /We have gone through BSNL W-8 amended upto date correction slip, available on website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.
- b) I/we _____ S/O Sri_ ___ _____ Resident of _____ hereby certify that none of my relative (s) as defined in para 14 of BSNL W-6 is/are employed in Chennai Telephones. 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.
- c) I/we _____ S/O Sri_ ___ _____ Resident of _____ hereby declare that, if I/we do not submit the physical bid document/Technical bid consecutively three times after submission of online bid. It shall be treated as breach of condition and action shall be taken to withdraw my/our enlistment. / debar me /us from tendering in BSNL for six months.

NOTE:- (To be certified by all the partners in case of partnership firms, by all the directors in case of companies).

Date:

signature of Tenderer

Other partners

2. _____ s/o _____ signature:

3. _____ s/o _____ signature:

4. _____ s/o _____ signature:

NOTICE INVITING E- TENDER

BHARAT SANCHAR NIAM LIMITED
(A Government of India Enterprise)

NIT No: 28/BSNL/CD-FBR/CHN/2023-24

Date :10.11.2023

1.Item rate e-tender is invited on behalf of **BHARAT SANCHAR NIGAM LIMITED** from approved and eligible contractors of DOT(Civil Wing) / BSNL (Civil Wing) and non-BSNL registered contractors of appropriate class of Public Works Organizations like CPWD, State PWD, DOP, MES and Railways for the following work:-

Name of work	Estimated Cost	E.M.D	Period of completion of work
Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099	5,74,035.00	11500.00	30 Days

21. The work is estimated to Cost **Rs. 574035/-** (Rs. Five Lakhs seventy four thousand and thirty five Only.

- 1.2.1 Eligible bidders should have proof of their valid enlistment, GST registration & EPF registration with the appropriate authorities.
- 1.2.2 Criteria of eligibility for Non-BSNL registered contractors of Public Works Organizations like CPWD, State PWD, DOP, MES and Railways.
- 1.2.2.1 For works upto Rs. 7 lakhs- NIL (NOT APPLICABLE)
- 1.2.2.2 For works above Rs 7 lakhs and upto Rs. 5 Crore, applicant should have completed similar works as per details below during the last seven years ending last day of the month previous to the one in which the tenders are invited:-
- a) Three similar completed works each costing not less than Rs. ---- or,
- b) Two similar completed works each costing not less than Rs. ---- or,
22. One similar completed work costing not less than Rs.-----.

For the purpose of this clause "Similar works" means **Communication Tower Erection/painting/earthing/aviation lamp executed for Central/State Government/ Central or State Public Sector Undertakings.**

The experience certificate shall be issued by an officer not below the rank of Executive Engineer.

19. 2.0 Agreement shall be drawn with the successful bidder on prescribed Form No. BSNL W-7/8, which is available as a BSNL Publication / BSNL Web site; www.eprocure.gov.in/ / www.tamilnadu.bsnl.co.in (in BSNLW6 and BSNL W8 forms Wherever BSNL is mentioned shall be suitably replaced by BTCL a subsidiary of BSNL)

Tenderer shall quote his rates as per various terms and per various terms and conditions of the said form, which will form part of the agreement.

- 3.0 The time allowed for carrying out the work will be **30 Days** which will be reckoned from **3rd day** after the date of issue of letter of award of work, or, from 1st day of handing over of the

site, whichever is later, in accordance with phasing, if any, indicated in the tender document.

4.0 The site for the work is available with BSNL.

5. Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & conditions of the contract to be complied with by the contractor whose tender may be accepted and other necessary documents, can either be downloaded from the BSNL web site www.tamilnadu.bsnl.co.in / www.civil.bsnl.co.in and www.eprocure.gov.in or can either be seen in the office of the **Executive Engineer (Civil), BSNL Civil Division-FBR, Chennai 11.11.2023 to 20.11.2023** between 11.00 hrs. & 16.00 hrs every day except on Sundays and Public Holidays. Tender documents, excluding standard form, will be issued from his office, during the hours specified above, on payment of the following:-

- i) **Cost of Bid Document (Non refundable) – Demand draft amounting Rs. 590/- (500.00 +18% GST = 590/-) TAXES as applicable drawn in favour of BSNL CHENNAI TELEPHONES payable at CHENNAI. Earnest money : Rs.11500.00/- (Rupees Eleven thousand five hundred only)** in cash (up to Rs. 2500/- only)/ Deposit at call receipt of a scheduled bank/fixed deposit receipt of a scheduled bank/demand draft of a scheduled bank issued in favour of **BSNL CHENNAI TELEPHONES** payable at CHENNAI payable at Chennai. When amount of earnest money is more than Rs. 5 lakhs, part of the earnest money is acceptable in the form of Bank Guarantee also. In such case, minimum 50% of earnest money (but not less than Rs. 5 lakh) or Rs. 25 lakh, whichever is less, will have to be deposited in the shape prescribed above. For balance amount of earnest money, bank guarantee will also be acceptable.
- (ii) The tender shall be accompanied by Earnest Money along with cost of tender, if not paid earlier as in the case of downloaded tender from web site in the form as detailed at sub para above. **DD taken from the account of tenderer only will be accepted. Otherwise, the tender will not be accepted and the amount will be forfeited. MSME registered tenderers are exempted for EMD. But tender cost has to be paid. MSME exemption letter should be uploaded and also submitted at time of submitting tender along with eligibility documents.**

Note: Money due to contractor in any other work or earnest money of the previous call of the same work shall not be adjusted towards earnest money.

Last date for submission of tender online : 20.11.2023; 18:00Hrs.

Last date for submission of tender cost, eligibility documents and certificates : 22.11.2023; 15:00Hrs.

6.0 Tenders, which should always be placed in sealed envelope, in the manner detailed at para 8.0 below, will be received by the Executive Engineer (Civil), BTCL Civil Division, Chennai upto **15.00 hrs on 22.11.2023** and will be opened by him/her or his/her authorized representative in his/her office on the same day at **15.30 hrs**. After opening the main envelope 3, the envelope 1 containing the earnest money along with the cost of the tender as applicable and eligibility credentials shall be opened first. The envelope 2 containing tender shall be opened only for those tenderers whose earnest money, cost of tender and eligibility is found in order. The unopened tenders shall be returned to the tenderers after the final decision on the tender is reached. **Techno commercial open online is at 15:40 Hrs on 12.10.2023. Financial bid opening will be at 16:00Hrs on 22.09.2023.**

7.0 The description of the work is as follows: Providing Entrance gate in Ennore wireless station storeyard

8.0 **Submission of the Technical bid:-**

Technical bid shall be submitted in following manner:

8.1 "Earnest Money plus cost of tender and documents shall be placed in sealed envelope – 1. marked "Earnest Money plus cost of tender and e-tender fee.

8.2 The "Other credentials like enlistment copy, GST registration, EPF/ESI registration, work experience, declaration etc as per NIT " shall be placed in sealed envelope – 2 and will be superscripted as "Other documents".

8.3. The sealed envelope no. 1 & 2 as above containing "Earnest money plus cost of tender ", and the "other document" shall be placed in another sealed envelope – 3.

8.4 All the three envelopes shall be superscripted with following data on it.

- i) Name of work
- ii) Name of Tenderer
- iii) Last date of receipt of Tender

Note: In case the eligibility credentials are not found in order at any stage i.e before award of work or during execution of work or after completion of the work, the contractor will be debarred from tendering in BSNL for three years including any other action under the contract or existing law.

23. Copies of other drawings and documents pertaining to the work will be open for inspection by the tenderers at the office of the above-mentioned officer.

10.0 Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials tools & plants, water, electricity, access facilities for workers and on all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the BTCL and local conditions and other factors having a bearing on the execution of the work.

24. The competent authority on behalf of Bharat Sanchar Nigam Limited does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.

25. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

13.0 The competent authority on behalf of the Bharat Sanchar Nigam Limited reserves with himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

14.0 The company or firm or any other person shall not be permitted to tender for works in BSNL Civil Zone in which his near relative (s) (directly recruited or on deputation in BSNL) is/are posted in any capacity either non-executive or executive employee. Near relative (s) for this purpose is/are defined as:

- (i) Member of Hindu Undivided family (UHF).
- (ii) They are Husband and Wife.

26. The one is related to 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).

The contractor shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relative to any executive employee/ gazetted officer in the BSNL or Department of Telecom or in the Ministry of Communications.

All the intending tenderers will have to give a certificate that none of his/her such near relative (s) as defined above is/are working in the concerned BSNL Civil Zone where he is going to apply for tender/work. The format of the certificate is as under:-

"I, _____ x _____ s/o Shri _____ x _____ Resident of _____ hereby certify that none of my relative (s) as defined above is/are employed in concerned BSNL Civil Zone. 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".

The certificate in case of Proprietorship Firm shall be given by the proprietor; for Partnership Firm certificate shall be given by all partners and in case of Limited Company, by all Directors of the company. However, Government of India/Financial Institutions nominees and independent non-official part-time Directors appointed by Govt. of India or the Governor of the State are excluded from the purview of submission of this certificate while submitting tenders by Limited Companies.

Any breach of these conditions by the Company or Firm or any other person, the tender/work will be cancelled and Earnest Money/ Security Deposit will be forfeited at any stage, whenever it is so noticed. BSNL will not pay any damages to the company or Firm or the concerned person but damages arising on account of such cancellation to be borne by the contractor. The Company or Firm or the person will also be debarred for further participation in the tender in the concerned BSNL Civil Zone. Further, any breach of this condition by the tenderer would also render him liable to be removed from the approved list of contractors or BSNL. If however the contractor is registered in any other Department he shall also be debarred from tendering in BSNL for any breach of this condition.

27. No Engineer of Gazetted rank or other Gazetted Officer employed in engineering or administrative duties in an Engineering Department of the Government of India/State Government or PSU's is allowed to work as a contractor for a period of two years after his retirement from Govt. service, without previous permission of the Govt. of India or BSNL/BTCL in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Govt. of India/State Government or PSU's as aforesaid before submission of the tender or engagement in the contractor's service.

- 16.0 The tender for the work shall remain open for acceptance for a period of **30 days** from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance/intent, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BTCL, then the BTCL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

- 17.0 In case of works having estimated cost below Rs.15,00,000/-, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of award by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and tender cancelled. In case of works of estimated to cost Rs 15,00,000/- and above, the successful tenderer shall, upon issue of letter of acceptance of Tender, shall be required to furnish performance Guarantee @ 5% of the tendered value in the form of irrevocable bank Guarantee of requisite amount to the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of acceptance of Tender by the BSNL. In the event of failure on the part of the successful tenderer to furnish the Bank Guarantee within 15 days, the earnest money will be forfeited and tender cancelled.

- 18.0 This Notice Inviting Bid shall form a part of the Contract Document. In accordance with clause 1 of the contract, the letter of acceptance shall be issued first in favour of the successful Tenderer/Contractor. After submission of the performance guarantee, the letter of award shall be issued. The contract shall be deemed to have come into effect on issue of letter of acceptance of the tender. On issue of letter of award, the successful Tenderer/Contractor shall, within 30 days from such date, formally sign the agreement consisting of: -
28. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender, and, as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- b) Standard BSNL W-8 as on website: www.eprocure.gov.in / www.tamilnadu.bsnl.co.in with upto date correction slips. (in BSNLW6 and BSNL W8 forms
- c) Agreement signed on non-judicial stamp paper as per Performa annexed to the tender document.
- 19.0 Payment to the contractors shall be made through e-payment system like ECS & EFT as detailed below: -
- a) In cities/areas where ECS/EFT facility is provided by Banks, the tenderer must have Account in such ECS/EFT facility providing Banks and that Bank A/c No shall be quoted in the tender by the tenderer.
- b) The cost of ECS/EFT will be borne by BSNL in all cases where the payment to contractor is made in a local Branch i.e. tenderer is having bank account in the same place from where the payment is made by BSNL unit.
- c) In case payment is made to outside branch i.e. tenderer is having bank account not in the same place from where the payment is made by BSNL unit, the crediting cost will have to be borne by the tenderer only.
- d) The payments to contractors will compulsorily be made through ECS/EFT in respect of all contracts..
20. First running account bill shall be paid only after
- a) Signing of the Agreement/Contract by both the parties, and
- b) Progress chart has been prepared as required under Clause 5 and approved by the competent authority.
21. If a contractor after participating e-tender does not submit the necessary document as per NIT in hard copy consecutively on three occasions, the contractor may be debarred for further participating in e-tender for a period of six months.
29. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on web site www.eprocure.gov.in / www.tamilnadu.bsnl.co.in with up to date correction slips as well as in the Divisional Office.

Executive Engineer(Civil)
BSNL Civil Division FBRI,
Chennai 600001.



BHARAT SANCHAR NIGAM LIMITED
(A Government of India enterprise)

STATE: Tamilnadu
ZONE: Chennai

CIRCLE: BSNL CIVIL CIRCLE, CHTD, Chennai.
DIVISION: BSNL CIVIL DIVISION-FBR, Chennai.

Item Rate e-Tender & Contract for Work:-

e- Tender for the work of: **Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099**

Last date of submission of bids on line will be on **20.11.2023 upto 18:00 Hrs.**

Documents which are to be submitted by the bidders to Executive Engineer (C), BSNL Civil Division-FBR, Chennai- 600 001 is **upto 15.00Hrs on 22.11.2023** and To be opened by the EE(C) Chennai in his office in the presence of bidders who may be present at **15:30 Hrs on same day (Date of opening of technical bid) Financial Bids will be opened at 16:00 Hrs on 22.11.2023** in office of the Executive Engineer (C), BSNL Civil Division-fbr, Chennai-01

T E N D E R

I/We have read and examined notice inviting tender, schedule, A, B, C, D, E & F. specifications applicable, Drawings & Design, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the Conditions of Contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified by the BTCL, a subsidiary company of Bharat Sanchar Nigam Limited for CCI within the time specified in schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of the contract and with such materials as are provided for, by and in respect in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **30 days** from the due date of submission thereof and not to make any modifications in its terms and conditions. If I/We withdraw my/our tender before the said period or issue of letter of acceptance/intent, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BTCL, then the BTCL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

A sum of Rs.11001/- (Rupees Eleven thousand and one only)) has been deposited in prescribed manner as earnest money. If I/We fail to commence the work specified I/We agree that the said Bharat Sanchar Nigam Limited shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by competent authority on behalf of the Bharat Sanchar Nigam Limited towards Security Deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

I/we agree that this contract is subject to jurisdiction of court at **Chennai** only.(Where the NIT/Tender has been issued).

I/We agree that, in case of works of estimated cost exceeding Rs.15,00,000/-, to deposit an amount equal to 5% of Tendered value of the work as performance guarantee in the form of bond of any Scheduled Bank of India in accordance with the Performa prescribed or in the form of Fixed Deposit Receipt etc., within 15 days of the issue of letter of acceptance of Tender by the BTCL. I/We am/are aware that in the event of failure on my/our part to furnish the Bank Guarantee within 10 days, the earnest money will be forfeited and tender cancelled

I/We hereby intimate that for receiving payments I/we have an account in _____ Bank with account No. _____ where the ECS/EFT facility of e-payment is available.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there-from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the Bharat Sanchar Nigam Limited and the same may at the option of the competent authority on behalf of the Bharat Sanchar Nigam Limited be recovered without prejudice to any right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise. Bharat sanchar Nigam Limited can take appropriate action to debar my enlistment upto three years.

The information in respect of works in hand is as per Performa enclosed.

"I/We agree that this contract is subject to jurisdiction of court at Chennai only." (Where the NIT/Tender has been issued)

Dated.....

Witness:

Address:

Occupation:

(_____)

Signature of Contractor

Postal Address: -

A C C E P T A N C E

The above tender, as modified by you (Contractor) and as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the BHARAT SANCHAR NIGAM LIMITED for a sum of Rs._____ (Rupees _____)

The letters referred to below shall form part of this Contract Agreement:

(a)

(b)

Signature_____

Name and Designation _____

Dated.....

For & on behalf of the BSNL

PROFORMA OF SCHEDULES				
(Operative Schedules to be supplied separately to each of the intending tenderer)				
SCHEDULE "A"				
Schedule of Quantities (Enclosed)				
SCHEDULE "B"				
Schedule of Materials to be issued to the contractor				
S. No.	Description of Item	Quantity	Rates in figures & words at which the materials will be charged from the contractor	Place of issue
1	2	3	4	5
.....NIL.....				
.....				
SCHEDULE "C"				
Tools and Plants to be hired to the contractor				
S. No.	Description of Item	Hire charges per day	Place of issue	
1	2	3	4	
.....NIL.....				
.....				
SCHEDULE "D"				
Extra schedule for specific requirements/documents for the work. If any:-				
<ol style="list-style-type: none"> 1. Special condition of the contract 2. Additional Conditions for civil works 3. Additional conditions of contract 4. List of recommended makes of materials for civil works 				
SCHEDULE "E"				
Schedule of component of Materials, Labour etc. for escalation.				
CLAUSE 10 C		Not applicable		
Component of Materials expressed as percent of Total Value of Work		"X"		
Component of Labour expressed as percent of Total Value of Work		"Y"		
Component of POL expressed as percent of Total Value of Work		"Z"		
CLAUSE 10 CA		Applicable		
CLAUSE 10 D		Applicable		
SCHEDULE "F"				
Reference to General Conditions of Contract :				

Name of Work	Providing Tower Earthing, aviation lamp, lighting spike and painting works to the 60M GBT tower at Nazarthpet site Poonmalle Chennai 600099	
Estimated cost of Work	Rs 574035/- (Rs. Five Lakhs seventy four Thousand and thirty five) Only	
Earnest Money	11500.00	
Performance Guarantee (5 % of the tendered value valid for two months from date of actual completion of the work in the form of Bank Guarantee from Scheduled Bank in respect of works with estimated cost put to tender exceeding Rs. 15 Lakhs)	Rs. _____ * _____ (Rupees _____ * _____ only)	
Security Deposit a) (10 % of the tendered value for works with estimated cost put to tender up to Rs. 15 Lakhs) (5 % of the tendered value in respect of works with estimated cost put to tender exceeding Rs. 15 Lakhs)	Rs. _____ * _____ (Rupees _____ * _____ only)	
GENERAL RULES AND DIRECTIONS		
Officers inviting tender	Executive Engineer (Civil) BSNL Civil Division-I, Chennai.	
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3	50%.	
Definitions	See below	
2(v) Engineer-in charge	Executive Engineer (C) BSNL Civil Division-FBR , Chennai.	
2(viii) Accepting Authority	Executive Engineer (C) BSNL Civil Division-FBR , Chennai.	
2(x) Percentage on cost of materials and labour to cover all overheads and profit	10 %	
2(xi) Standard Schedule of Rates	As per Delhi Schedule of Rates-2018	
9(ii) Standard BSNL Contract Form	BSNL W-8 form as modified and corrected upto date	
Clause 2		
	Authority for fixing compensation under Clause 2	Executive Engineer (C) BSNL Civil Division-FBR , Chennai.
Clause 2 A		
	Whether Clause 2 A shall be applicable	No
Clause 3 A		
	Whether Clause 3 A shall be applicable	No
Clause 5		
i)	Time allowed for execution of work.	30 Days
ii)	Authority to give fair and reasonable extension of time for completion of work.	Executive Engineer (C), BSNL Civil Division-FBR, Chennai
Clause 6 A		
	Whether Clause 6 A shall be applicable	Yes
Clause 7	Gross value of work to be done together with net payment	Rs. 1.5 Lakhs

	/adjustment of advances for materials collected, if any, since the last such payment for being eligible to interim Payment.	
Clause 10	Reinforcement steel to be used in the work Shall have to be procured as below:-	a) TMT bars manufactured by Primary producers from SAIL, RINL and TATA Steel (As per Approved List)
Clause 11	Specification to be followed for execution of work.	CPWD Specifications-2009 with upto date correction slips as on the date of opening of tender
Clause 12	12.2 & 12.3 Limit for value of any item of any individual trade beyond which sub clauses (i) to (v) shall not be apply	50%
Clause 16	Competent authority for deciding reduced rates.	Superintending Engineer (C), BSNL CHTD CHENNAI.

Clause 36(i)

General guideline for fixing requirement of Technical Staff and rate of recovery in case of non compliance, for a work, shall be as per the following table:

S No.	Minimum qualification of Technical Representative	Discipline	Designation	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figure in Rs.	Words
1.	Graduate Engineer	Civil /	Project Planning / Site /Billing Engineer	2 years	1 (One)	15,000/-	Fifteen Thousand only.
	Or Diploma Holder			5 Years			
	Or Diploma Holder			5 Years			

Clause 37(i)

	Extent of Goods and Service Tax payable by Contractor for Building and Construction works.	Goods and Service tax at prevailing rate of 18% of value of work after duly taking advantage of Input Credit of GST on material shall be payable by the contractor. Any variation in the rate of GST after last date for submission of bid shall be payable or recoverable from the contractor.
	The following recoveries from the contractor shall be made from the payment certificate at the rate specified below	
	i) Construction Workers Welfare Cess payable to state Government / Union Territory	1% of value of work
	ii) Income Tax	At Applicable rate

Clause 42	Applicable	
i) (a)	Schedule / statement for determining theoretical quantities of cement on the basis of:-	Delhi Schedule of Rates 2021 printed by CPWD.
ii)	Variation permissible on theoretical quantities	
a)	Cement for works with estimated costs put to tender	
	i) not more than Rs. 5 lakhs	3 % minus
	ii) more than 5 lakhs	2 % minus
b)	Steel reinforcement and structural steel sections for each diameter, section and category.	2 % minus
Star prices to be considered for escalation & recoveries .		
Sl. No	Material	Star Price (Rate in Figures and Words)
1	For Cement 43 grade(confirming to IS: 8112)	Rs 9,133 per MT (Rupees Nine Thousand & one Hundred thirty three) only metric tonne.
2(a)	For Mild steel	N.A.
2(b)	For Reinforcement Steel conforming to BIS 1786 (Fe 415 Grade)	Rs 40,919/- per MT (Rupees Forty Thousand & nine Hundred nineteen) only per metric tonne.
2(c)	For Reinforcement Steel conforming to BIS 1786 (Fe 500 Grade)	N.A
The rate for recovery under clause 42 shall be same as per the Star Price.		

**PROFORMA FOR AGREEMENT
(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)**

Contract agreement for the work of -----dated----- between M/s----- (refer note) in the town of -----hereinafter called the contractor (which term shall unless excluded by or repugnant to be subject or context include its successors and permitted assigns) of the one part and the Bharat Sanchar Nigam Limited hereinafter called the BSNL (which term shall unless excluded by or repugnant to the subject or context include its successes and assigns) of the other part.

WHEREAS

- a. The BSNL is desirous that the construction of ----- at ----- should be executed as mentioned, enumerated or referred to in the tender including Notice Inviting Tender, General Conditions of the Contract, Special Conditions of the Contract, Specifications, Drawings, Plans, Time Schedule of completion of jobs, Schedule of Quantities and Rates, Agreed Variations, other documents, has called for Tender.
- b. The contractor has inspected the site and surroundings of the work specified in the tender documents and has satisfied himself by carefully examination before submitting his tender as to the nature of the surface, strata, soil, sub-soil and grounds, the form and nature of the site and local conditions the quantities, nature and magnitude of the work the availability of labour and materials necessary for the execution of work, the means of access to site, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and things referred to or implied in the tender documents or having any connection therewith, and has considered the nature and extent of all the probable and possible situations, delays, hindrances or interferences to or with the execution and completion of the work to be carried out under the contract, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the work and which might have influenced him in making his tender.
- c. The tender documents including Notice Inviting Tender, General conditions of contract, Special Conditions of Contract, Schedule of Quantities and rates, General obligations, Specifications, Drawings, plan, time schedule for completion of work. Letter of Acceptance of tender and any statement of agreed variations with its enclosures copies of which are hereto annexed form part of this contract though separately set out herein and are included in the expression Contract wherever herein used.

AND WHEREAS

The BSNL accepted the tender of M/s ----- (refer note-----) (Contractor) for the construction of ----- at -----and conveyed vide letter No.-----dated -----at the rates stated in the Schedule of quantities for the work and accepted by the BSNL (hereinafter called the Schedule of Rates) upon the terms and subject to the conditions of the contract.

NOW THIS AGREEMENT WITNESSTH & IT IS HEREBY AGREED AND DECLARED AS FOLLOWS.

1. In consideration of the payment to be made to the contract for the work to be executed by him, the contractor hereby convenient with the BSNL that the contractor shall and will duly provide, execute, complete and maintain the said work and shall do and perform all other acts and things in the contract mentioned or described or which are to be implied

and there-from or may be reasonably necessary for the completion of the said works and at the said times and in the manner and subject to the terms and conditions or stipulations mentioned in the contract, AND

2. In consideration of the due provisions execution, completion and maintenance of the said work, the BSNL does hereby agree with the contractor that the BSNL will pay to contractor the respective amounts for the work actually done by him and approved by the BSNL at the Schedule or Rates and such other sum payable to the contractor under provision of the contract, such payment to be made at such time in such manner as prescribed for in the contract.

It is specifically and distinctly understood and agreed between the BSNL and the contractor that the contractor shall have no right, title or interest in the site made available by the BSNL for execution of the works or in the building, structures or works executed on the said site by the contractor or in the goods, articles, materials, etc. brought on the said site (unless the same specifically belongs to the contractor) and the contractor shall not have or deemed to have any lien whatsoever charge for unpaid bills will not be entitled to assume or retain possession or control of the site or structures and the BSNL shall have an absolute and unfettered right to take full possession of site and to remove the contractor, their servants, agents and materials belonging to the contractor and lying on the site.

3. The contract is subject to the jurisdiction of court at- Chennai-----only (where the NIT/Tender has been issued).

In Witness whereof the parties hereto have here-into set their respective hands and seals in the day and the year first above written.

Signed and delivered for and on behalf of
BSNL

Signature and delivered for and on
behalf of the contractor

(BHARAT SANCHAR NIGAM LIMITED)

(Contractor)

OFFICIAL ADDRESS

Date

Date

Place

Place

IN PRESENCE OF TWO WITNESSES

SIGNATURE

SIGNATURE

NAME

NAME

SIGNATURE

SIGNATURE

NAME

NAME

For Proprietary Concern

Shri.....s/o.....r/o.....carrying on business under the name and style of.....at..... (Hereinafter called the said Contractor which expression shall unless the context requires otherwise include his heirs, executors, administrators and legal representatives).

For Partnership Concern

M/sa partnership firm having its registered office at(hereinafter called the said Contractor which expression shall unless the context requires otherwise include his heirs, executors, administrators and legal representatives). The partners of the firms are:

i) Shris/o....., And

ii) Shris/o.....etc...

For Companies

M/sa company duly incorporated under the Indian Companies Act, 1956 and having its registered office atin the state of

.....(hereinafter called the said Contractor which expression shall unless the context requires otherwise include its successors and assign).

SPECIAL CONDITIONS OF CONTRACT

1. The completed work may be inspected for approval by the "Acceptance Testing Unit of the Telecom Circle / Client". It shall be the responsibility of the contractor to offer the completed work for inspection and approval of the A/T in co-ordination with and as per the directions of the Engineer-in-charge and nothing extra shall be payable on this account. The agency shall be responsible for getting the clearance from the AT wing of the department at specific stages as may be fixed by the Engineer-in-charge. Necessary co-ordination with the AT wing will be arranged by the Engineer-in-charge or his authorized sub-ordinates. If the completed work is not found satisfactory as per the prescribed specifications, corrective measures ordered by the Engineer-in-charge shall be carried out immediately by the contractor without any additional expenditure liability to the BSNL

- 1 The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building materials shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.

- 2 The structural drawings as required for the work shall be issued in stages taking into consideration the approved programme as well as the actual progress.

- 3 Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying / burying in the work of pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies, conduits for electrical wiring / cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
The contractor shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of others.

- 4 The rates quoted shall include all taxes, GST, CWWC, royalty, seigniorage charges that are applicable from time to time as per statutory rules of State / Central Government. The rate quoted will be exclusive of EPF. The EPF will be reimbursed to the extent of contractor contribution on the submission of proof of payment to the concerned authority.

- 5 All cement bags and all other similar perishable items shall be stored by the contractor in a separate go-down which shall be exclusively constructed by the contractor for this purpose at his own cost as per general guidelines given in the "Typical Sketch for Cement Godown" under clause 3.2.1.4 of the Specifications. The dimensions given in the said sketch are only indicative and the contractor shall be bound to construct the storage godown of sufficient size so as to properly store the appropriate quantity of cement required for consumption for not less than ONE MONTH. Such go-down shall have weather proof roof and walls. The go-down shall be provided with a single door with arrangement for locking it simultaneously with two locks. The contractor shall be fully responsible for the safe custody of all the materials even if the materials are kept
and stored under double lock system. The account of daily receipts and issues of the cement bags shall be maintained in the said register which shall be signed daily by the contractor or by his authorized agent in token of correctness of the entries.

- 6 The contractor shall take all precautionary measures to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.

- 7 The contractor shall be responsible for the watch and ward / guard of the work, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures provided by him

against pilferage and breakage during the period of installations and thereafter till the work is physically handed over to the department. No extra payment shall be made on this account.

- 8 The work is to be carried out in the client's premises, where free movement of contractor's vehicle and labour may be restricted. The contractor has to follow the security requirement of client for the campus area viz. entry passes for the labour and vehicle, security checks at entry / exit gates, restriction on movement of vehicles, restricted timings of working etc. BTCL however shall assist the contractor in obtaining such passes for movement of vehicle and labour. No claim whatsoever shall be entertained on account of delay in entry of vehicles and labour in the campus area including restrictions in working hours, if there is any.
- 9 The work in general should be carried out following the necessary guide lines/ norms of CPCB (Central Pollution Control Board) and rules of local administration /municipalities / Police authorities. No extra payment shall be made on this account.
- 10 Samples including brand / quality of materials and fittings to be used in the work shall be got approved from the Engineer – in- Charge , well in advance of actual execution.
- 11 Fine/ Coarse Sand: Wherever the use of river sand is not specified in the relevant item of schedule of quantities, the locally available crushed stone sand shall be used in the work as approved by Engineer-In-Charge and shall conform to the relevant provisions in the CPWD Specifications.
- 12 Cement : The contractor shall procure 43 grade (Conforming to IS: 8112) Ordinary Portland Cement, as required in the work, from reputed manufactures of cement, having a production-capacity of one million tonnes per annum or more, such as A.C.C. L&T, Vikram, Shri Cement, Ambuja, Zuari, Coromandal, Ramco, Dalmia and Cement Corporation of India etc. as approved by Ministry of Industry, Government of India and holding license to use ISI certification mark for their product whose name shall be got approved from Engineer-in-Charge. Supply of cement shall be taken in 50 kg bags bearing manufacture's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of the relevant BIS codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.
- 13 Unless otherwise specified in the schedule of quantities the rates for all items of the work below ground level shall be considered as inclusive of cost of pumping out or bailing out of water if required. For which no extra payment will be made. This will include water encountered from any source, such as rains, floods, sub-soil water or due to any other cause whatsoever.
- 14 GST, Building and other construction workers Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the contractor and BTCL shall not entertain any claim what so ever in this respect. *For payment of GST, please refer correction slip No. 5 of tender document. Payment of GST shall be governed by it. Nothing extra shall be paid on this account.*
- 15 The order or preference in case of any discrepancy as indicated in condition No.8.1 under "Conditions of Contract" given in the General Conditions of Contract for BSNL-2006 form may be read as the following:
 - (i) Nomenclature of items as per schedule of quantities.

- (ii) Particular specifications, special and additional conditions etc., as stipulated in tender document.
- (iii) Contract clauses of Standard BSNL Contract form 2006 as corrected and modified up to last date of receipt of tenders.
- (iv) CPWD Specifications.
- (v) Architectural Drawings.
- (vi) Indian Standard Specifications.
- (vii) Sound Engineering Practice.
- (viii) Manufacture Specifications.
- (ix) Decision of Engineer-in-Charge shall be final and binding.

A references made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standard applicable to the work at site.

- 16 The Contractor shall be bound to follow the instructions and restrictions imposed by the client department Administration / Police authorities / local authorities on the working and /or movement of labour, materials etc. and or due to less/ restricted working hours or any detours in movement of vehicles. Nothing extra shall be payable on this account.
- 17 The Contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards such as day and night boards, speed limit boards and flags, red lights 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 payable on this account.
- 18 All material shall only be brought at site as per programme finalized with the respective Engineer-In-Charge. Any pre-delivery of the material, not required for immediate consumption shall not be accepted and thus not paid for.
- 19 Except for the items, for which Particular Specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of quantities, the work shall generally be carried out in accordance with the "CPWD Specifications" (Refer Schedule F) and as per instructions of Engineer-in-Charge. Wherever CPWD Specifications are silent, the latest IS Codes/ Specifications shall be followed and the rates should be all inclusive.
- 20 Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services. In case temporary supporting /shifting of such services is required to facilitate the work, the same shall be done by the contractor at no extra cost.
- 21 The Contractor shall make his own arrangements for electricity required for the execution of the work. Necessary payment shall be made by the Contractor directly to the department concerned. In case the statutory authority fails to sanction the electric connection or delays the sanction of electric connection, the Contractor shall make his own arrangements by providing diesel generators of adequate capacity at his own cost. No delay on this account shall be accepted. Nothing extra shall be paid on this account.
- 22 The Contractor shall make his own arrangement for backup power at his own cost. No interruption of work shall be accepted due to power failure. Nothing extra shall be paid on this account.
- 23 No walls or terraces shall be cut for making any opening after water proofing has been done without written approval of Engineer-in-Charge. When permitted cutting of water proofing work shall be done very carefully so that other portion of water proofing is not damaged. On completion of work at such place the water proofing work shall be made good and ensured

that the opening / cutting is made fully water proof as per contract specifications/ directions of Engineer-in-Charge. Nothing extra shall be payable on this account.

- 24 No structural member shall be chased or cut without the written permission of the Engineer-in-Charge.
- 25 All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested before covering.
- 26 The contractor, his agents / representative, workman etc. shall strictly observe orders pertaining to fire precautions prevailing in the area.
- 27 The contractor shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, compound wall, services etc are to be constructed.
- 28 The contractor shall provide at his own cost suitable weighing, surveying and leveling and measuring arrangements as may be necessary at site for checking. All such equipments shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account.
- 29 Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to byelaws and municipal body / corporation where CPWD Specifications are not applicable. The contractor should get the materials (fixtures/fittings) tested by the Municipal Body / Corporation authorities wherever required at his own cost.
- 30 The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and approval of the same before use in the work.
- 31 In case the existing services are to be shifted permanently, then before dismantling the existing services, alternate/diversion of service lines has to be laid by the contractor so that there is no interruption in use of existing services. The contractor has to plan the alternate suitable route for diversion/shifting of service lines and get the same approved from the Engineer-in-Charge before starting shifting of services. Nothing extra shall be paid except the payment of dismantling and laying of new service lines as per conditions of contract.
- 32 For construction works which are likely to generate malba / rubbish to the tune of more than a tempo / truck load, contractor shall dispose of malba, rubbish & other unserviceable materials and wastes at his own cost to the notified /specified dumping ground and under no circumstances these shall be stacked / dumped even temporarily, outside the construction premises.
- 33 In case of surplus excavated earth available at site, if the department wants to dump whole or part of surplus earth at a place as directed by the Department, the contractor shall dump it at the place so directed and the carriage for lead beyond 50 metre shall be paid as per Clause 12 of the agreement, otherwise the contractor shall dispose it off with the permission of Engineer-in-charge at the places of his choice and no carriage shall be paid for such disposal.
- 34 Surplus excavated earth which is beyond the requirement of the BTCL or B.S.N.L shall have to be disposed of the contractor at his own cost beyond the municipal limits or at places identified by the local bodies or as directed by the Engineer-in-Charge after obtaining written permission of the Engineer-in-Charge and no payment will be made by the Department for such disposal of this surplus excavated earth.
- 35 In accordance with requirements of the pollution control board :
 - a. The contractor shall ensure that, the vehicles for bringing construction material to the site shall be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours / at such hours as are permitted by the local authorities. Nothing extra shall be payable on this account.

- b. The contractor shall ensure that, ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Nothing extra shall be payable on this account.
 - c. The contractor shall ensure that, adequate measures to reduce air and noise pollution during construction have been adopted as per CPCB norms on noise limits. Nothing extra shall be payable on this account
 - d. The contractor shall ensure the safety equipments like boots, helmets, safety belts, gloves etc. must be provided for the workers and best and safe engineering practices must be adopted. Nothing extra shall be payable on this account.
 - e. The contractor shall ensure, the stipulations under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 shall be ensured. Nothing extra shall be payable on this account
37. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water. Nothing extra shall be payable on this account.
 38. If, any levy / fine is imposed by the regulatory authorities / inspecting authorities on account of violation of the above specified norms, the same shall be recovered from the contractor.
 39. No Payment shall be made to the contractor for any damage caused during the execution of work because of cause(s) not covered under Clause 43 of the Contract. The damage to work will be made good by the contractor at his own cost, and no claim on this account shall be entertained.
 40. Some restrictions may be imposed by the security staff etc. on the working and/ or movement of labour, materials etc. and the contractor shall be bound to follow all such restrictions/ instructions and nothing extra shall be payable on this account.
 41. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable and nothing extra shall be payable on this account. The work shall be carried out without infringing on any of the local Municipal Bye-Laws.
 42. The contractor shall given a performance test of the entire installations as per standard specifications before the work is finally accepted and nothing extra what so ever shall be payable to the contractor for the tests.
 43. The contractor shall engage licensed plumber for sanitary, water supply, drainage work and also get all the materials and system (including the materials supplied if any, by the department) tested by the Municipal Authority, Whenever required, at his own cost including testing fees, transport etc. according to Municipal by Laws. The contractor shall produce necessary certificate from the Municipal Authorities after completion of work. Nothing extra will be paid on this account. The Contractor shall execute the guarantee for removal of defects after completion in respect of water supply and sanitary installation.
 44. The contractor will work in close liaison, during the works, with other contractors of water supply, sanitary, drainage arrangements, electrical installation and any other works and adjust his work plan accordingly.
 45. Communication and commuting: In order to maintain instant and effective communication at all times, the contractor shall provide one set of communication system to the site so as to receive and pass on the instructions to and from the staff of department/ contractor irrespective their place and location. The rates quoted by the contractor shall be deemed to be inclusive of this cost. No additional payment shall be made to the contractor for providing these facilities.
 46. Transportation and office Infrastructure:- In order to complete the work within the schedule time if the contractor shall be required to do the work in more than one shift and accepted

by the department, the contractor will provide vehicular facilities to the BTCL site staff to reach the site and their residences at his own cost for their services required beyond the normal office hours. In case the contractor fails to provide the facilities, Engineer-in-charge shall be at liberty to make the arrangement themselves and deduct the respective cost from the contractor's bill.

47. The intending bidders are advised to visit the site to acquaint themselves of the site conditions before quoting for the work
48. All statutory deductions such as contribution to State Construction Workers Welfare Fund and deductions towards income tax and work contract tax etc at the prevailing rates will be recovered from the bills of the contractors and remitted directly to the concerned authorities.
49. None of the contractor's representatives/ workers will be permitted to stay in the working place beyond the normal working hours. In case where the work has to be carried out beyond normal working hours prior permission shall be obtained in writing from the competent authority.
50. All tools and plants required for the work will have to be arranged by the contractor and shall readily be available at the site of work.
51. The contractor shall carry out at free of cost any damage caused to any structure/ property of BSNL on account of the subject construction
52. The intending bidders shall remain aware that this NIT and the conditions contained therein (except for the schedule of quantities) are very brief and indicative in nature as to the fuller terms and conditions including all corrections/ amendments / specific formats etc. of the "GENERAL CONDITIONS OF CONTRACT" as available with the Executive Engineer, which can be had for reference on request, and (or) as available in downloadable form at website www.eprocure.gov.in / www.tamilnadu.bsnl.co.in Should there be any difference between the Specific conditions mentioned above and conditions mentioned elsewhere in the General Conditions of Contract, the former shall prevail
53. The bidder must comply with the Provisions of EPF & Misc. Provisions Act, 1952 and Employees Provident Fund Scheme 1952, in respect of labourers / employees engaged by the bidder for carrying out works. Non compliance of above provision will be treated as breach of contract and necessary action against the bidder will be taken.
54. The claim bill of contractor must accompany.
 - (i) The list showing the details of labourers / employees engaged.
 - (ii) Duration of their engagement.
 - (iii) The amount of wages paid to such labourers / employees for the duration in question.
 - (v) Amount of EPF contributions (both employer's & employees' contribution), paid to the EPF Authorities.
 - (vi) Copies of Authenticated documents paid to EPF Authorities.
 - (vi) A declaration from the bidder regarding compliance of the conditions of EPF Act 1952 must be submitted along with the bid.
 - (vii) Copy of latest GST return submitted.

PROTECTION OF LIFE , PROPERTY AND EXISTING FACILITIES

1. The contractor is fully responsible for taking all possible safety precaution during preparation for and actual performance of the works, and for keeping the construction site in reasonable safe condition. The contractor shall protect all life and property from damage of losses resulting from his construction operations and shall minimize the disturbance and inconvenience to the public
2. Copy of Insurance policy for workers, from any of the Nationalized Insurance companies, covering all the workers and Supervisory staff employed/ to be employed, during the course of execution, is to be submitted before commencement of work.
3. In this connections, the attention of the contractors are drawn to the safety measures and precautions including code of conduct while safety carrying out the work and also detailed Engineering Instructions enumerated in this tender document.
4. Necessary safety belts, helmets, harnesses and other necessary safety equipments are to be adequately provided to all the labourers.
5. The contractor shall be solely liable for all expenses for and in respect of repairs and / or damage occasioned by injury of or damage to such underground and over ground structures or other properties and undertake to indemnify and keep indemnified the BTCL & BSNL from and against all actions, cause of actions, damages, claims and demands whatsoever either in law or in equity and all losses and damages and costs (inclusive between attorney and clients), charges and expenses in connection therewith and / or incidental thereto.
6. The current market value of any commodities lost as a result of any damage to the aforesaid existing facilities shall be paid by the contractor together with such additional sums necessary to liquidate the personal or property damages resulting there from.

Executive Engineer (Civil)

SCHEDULE OF QUANTITIES

Sl. No.	Description of Item	Quantity	Rate (Rs)	Unit	Amount (Rs)
1	Providing and placing in position prefabricated structure made up of 4 nos of G.I plates of size 600x600x6mm interconnected by G.I flat of size 50x3mm with necessary bolts and nuts and joints being made moisture proof with lead sheet between G.I plates and flats and providing and placing in position watering pipe of a 20mm dia G.I pipe of length 3.00m with funnel at top . The pit shall be excavated for a size of 2.0mx2.0mx 3.0m . The bottom 1.50 m shall be filled with sieved charcoal 20mm as per specification for earthing and remaining depth shall be refilled with excavated soil free from lumps as per specifications for earthing and as directed by the Engineer in charge. The galvanising shall be as per IS: 4759 with average mass of zinc coating of 610gm/sqm i.e approximately 85 micron	2.00	Nos	Each	
2	Providing and laying ring earth by excavating a trench of 300mm width and 1500mm depth and then laying a G.I strip of 50x3mm in the bottom of the trench and connecting it to all the tower legs with G.I strip of 50x3mm with GI bolts and nuts and also making provision for connecting ring earth to the lightening arrestor by providing 50x3mm G.I strip one end of which is connected to the ring earth by means of G.I bolts and nuts and other end left free above the earth with necessary bolts andholes including refilling with fine soil complete as directed by the Engineer in charge	70.00	Metre	One running metre	
3	Providing and fixing spike type lighting arrestor made of 16mm dia copper solid rod of 1.50m long with necessary fixtures at the top of tower. The spike shall be insulated by Teflon material and connected with proper plugging arrangement as directed by the Engineer in charge	1.00	No	Each	
4	Providing and fixing strip size of 50x6mm without open joint (continuously welded) with necessary G.I clamps at every 1.00m interval (Porceline insulator bolts and nuts etc along with vertical runway including connecting with lighting spike at top of tower and earth at ground without overlap joint etc complete as directed by the Engineer in charge . The rate includes all required labours materials and insurance coverage	80.00	Metre	One running metre	

5	Providing and fixing testing joint made of 50x6mm G.I strip 250mm long with 6 Nos G.I bolts and nuts and washers etc complete as directed by the Engineer in charge	2.00	Nos	Each
6	Providing and fixing RCC collar round or square type size upto 600mm600mmx50mm thick or 600mm dia , 600mm height with 50mm thick RCC cover and handle for earth chamber including 100mm thick RCC base slab, earthwork and refilling etc., complete and as directed by the Engineer in charge	4.00	Nos	EACH
7	Supplying and fixing LED aviation obstruction lamp of ISPL/INSTA POWER or equivalent approved make as per ICAO norms with light depedent reistance sensor day night automatic timer) with necessary switches including all fixtures all as directed by the Engineer in charge			
	Double dome medium density flashing -red obstacle lighting system Type B at 60 metres height	1.00	Nos	Each
	Double dome low density flashing -red obstacle lighting system Type B at 30metres height	2.00	Nos	Each
8	Painting with Luxol or equivalent high glass synthetic enamel paint (from 23000.00 Kg to 25000.00 Kg) in two or more coats over and including a base coat of approved primer zinc phosphate or zinc chromate or equivalent over etch primer to the required colour and even shade	1.00	Job	Each
				Total

Contractor

Executive Engineer (Civil)