



BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

ITEM RATE

e-Tender Document

Name of the work: Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA.

NIT No :: 45 / BCDH - II / 2023-24 Dt. 14.09.2023

Certified that this document contains 50 printed pages including the cover page.

**To be submitted only through Online on website:
<https://eprocure.gov.in/eprocure/app> on or before **15.00 Hours on** 22.09.2023**

**EXECUTIVE ENGINEER (CIVIL),
BSNL CIVIL DIVISION - II,
Bharat Sanchar Nigam Ltd.
#703, 7thFloor, BSNL Bhavan
Adarshnagar, Hyderabad-500063
Contact No :: 9490177288
Email: eeciijhydts@gmail.com**

NOTICE INVITING e – TENDER

The Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad invites **ITEMRate e-Tenders** 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 (R&B)of Andhra Pradesh &Telangana , DOP, MES and Railways for the following work:-

Name of the work:Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA.

NIT No. ■■■ 45 / BCDH - II / 2023-24 Dt. 14.09.2023

1) Total estimated cost	::	Rs. 5,05,512/-
2) Earnest Money	::	Rs. 10,200/-
3) Tender Fee	::	Rs. 590/- (Non-refundable)
4) Period of completion	::	45 (Forty-Five) Days
5) Last date and time of submission of (ONLINE) Bid	::	22.09.2023 (upto 15:00 Hours)

Important information to all intending bidders:

- 1) Under any circumstances the intending bidders shall not request for extension of date of submission of BID.
- 2) Intending bidders are requested to get their digital signatures & complete the process of registration well in time.

For e-Tendering of this tender BSNL is utilizing the e-Procurement system maintained by NIC. The intending bidders shall have to enroll with <https://eprocure.gov.in> (e procurement system, Central Public Procurement Portal).

The BID forms and other details can be obtained from the websites as follows:

<https://eprocure.gov.in> or www.telangana.bsnl.co.in

Sd/-

Executive Engineer (Civil)
BSNL Civil Division - II, Hyderabad

NAME OF WORK: Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA.

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Sd/-
EXECUTIVE ENGINEER (CIVIL),
BSNL CIVIL DIVISION - II,
Hyderabad

PART - A

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad invites **ITEM rate e-tenders** on behalf of BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) from approved and eligible contractors of DOT(Civil Wing) / BSNL (Civil Wing)/MSME with relevant NIC codes and non-BSNL registered contractors of appropriate class of Public Works Organizations like CPWD, State PWD (R&B)of Andhra Pradesh &Telangana , DOP, MES and Railways for the following work:-

1	2	3	4	5	6	7	8	9	10	11
Sl. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Schedule cost	Period of completion	Last date & time of submission of online bid, tender processing fee (if any), scanned copies of all Documents as specified in the tender document and EMD.	Time & date of opening of Technical bid.	Time & date of opening of Financial bid.	Period during which all self attested copies of Documents including Original EMD shall be submitted in Division Office by Lowest Tenderer only.
1.	45/BCDDH - II / 2023-24 Dt. 14.9.2023	Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHINAGAR in Nalgonda BA	Rs. 5,05,512/-	Rs. 10,200/-	Rs 590/- (Original Schedule Cost to be submitted by 14:00 Hours on 23.09.2023 after uploading along with other documents)	45 (Forty-Five) Days	Up to 15:00 Hours on 22.9.2023	15:30 Hours on 23.9.2023	16:00 Hours on 23.9.2023	To be submitted during office hours within a week from the date of opening of Financial Bid i.e., should be submitted latest by 15:30 hours on 30.9.2023.

- Intending bidders is eligible to submit the bid provided he has valid enlistment and all other documents as sought for participating in this tender which shall be scanned uploaded in the website.

1.1.1.1 **NO PRIOREXPERIENCE IS REQUIRED FOR PARTICIPATING IN THIS TENDER.**

- 2 Information and instructions for bidders posted on website shall form part of bid document.
- 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.telangana.bsnl.co.in or be seen in the office of the Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad.
- 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 Receipt or the receipt documents related to RTGS/NEFT transfer, e.g. date, amount, transaction id , UTR number etc. duly signed & Bank Guarantee (for EMD) of any Scheduled Bank towards cost of EMD, cost of bid document in favour of AO (Cash) BSNL, Nalgonda (payable at Nalgonda) and e – tender Processing Fee (if applicable) shall be payable through online mode only at <https://etenders.gov.in> and other documents as specified.**

For e-Tendering of this tender BSNL is utilizing e-portal maintained by NIC. The Intending bidder shall have to enroll with <https://eprocure.gov.in> and upload the mandatory scanned documents such as **Demand draft or Pay order or Banker's cheque or Fixed deposit Receipt** of any scheduled Bank towards cost of EMD and any other e Portal charges as applicable. The intending bidder must have valid Class-II or above digital signature to submit the bid

Note : 1) It is the sole responsibility of the prospective bidders to ensure that the Cost of the Tender document are credited to the above account well before the last date and time of bid submission. Bids for which the above payment is not credited in BSNL account in time will be summarily rejected. 2) Prospective bidders have to submit the receipt documents related to RTGS/NEFT transfer, e.g. date, amount, transaction ID, UTR number etc. duly signed along with tender document. **Cost of Bid Document – Rs. 590/-, (Rs. Five Hundred Ninety) only drawn in favour of AO (Cash), BSNL, Nalgonda payable at Nalgonda** (ii) e-tender processing fee shall be payable through online mode only at <https://etenders.gov.in>. Demand Draft or Pay Order or Banker's Cheque or Deposit at Call Receipt or FDR or Bank Guarantee or receipt documents related to RTGS/NEFT transfer, e.g. date, amount, transaction id, UTR number etc. duly signed against Cost of Bid Document shall be placed in single sealed envelope 9 superscripted as "Earnest Money, Earnest money declaration, Cost of Bid Document and Cost of Bid Processing Fee" with name of work and due date of opening of the bid also mentioned thereon. Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice 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". Both the envelopes 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 BSNL Civil DIVISION-II, Room No. 703, BSNL Bhavan, Adarshnagar, Hyderabad**, after last date & time of submission of bid and up to **15:00Hrs on 22.09.2023**. The documents submitted shall be opened technical bid at **15.00Hrs on 23.09.2023**. 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.

The bid submitted shall be opened financial bid at **15:30Hrs on 23.09.2023**.

The bid submitted shall become invalid and cost of bid & e-Tender processing fee (if applicable) shall not be refunded if:

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents as stipulated in the bid document.
- (iii) If 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.

- 5 Those contractors not registered on the website of <https://eprocure.gov.in> mentioned above are required to get registered beforehand. The last date of submission of bids shall not be extended on account of failure of internet or website.
- 6 The intending bidder must have valid Class-II or above digital signature to submit the bid. Interested bidders are requested to get their digital signatures & complete the process for registration well in time.
- 7 On opening date the contractor can login and see the bid opening process.
- 8 Contractor can upload documents in the form of JPG format and PDF format.
- 9 Contractor must ensure to quote percentage specified in the BOQ. Therefore, if Percentage is left blank and no percentage is quoted by the bidder, that bid shall be invalid and shall be rejected.
- 10 For e-Tendering of this tender BSNL is utilizing e-procurement system maintained by NIC. The agency intending to participate in tendering process shall have to register with e-procurement system (Central Public Procurement Portal). For details kindly visit website <https://eprocure.gov.in>.
- 11 The tenderer should read carefully & understand the tender document, procedure for e-tendering etc. completely before participating in the e-tender procedure. Participation in the e-tendering, presumes that the bidder (s) has/have read all the conditions and agree/abide by them.

If the contractor is found ineligible after opening of bids, his bid shall become invalid and no Fee paid as e portal charges shall be refunded.

- 13. In case of lowest bidder for the eligibility Documents uploaded online, if any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder the bid shall become invalid and e-Tender Processing Fee shall not be refunded.
- 14. 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.
- 15. Copy of Enlistment Order and certificate of work experience and other eligibility documents as specified in the notice inviting e-tender shall be scanned and uploaded to the e-tendering website within the period of tender submission. However, self-certified copy of all the scanned and uploaded documents as specified in the notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within ONE WEEK of opening of financial bid physically in the office of tender opening authority.

16 List of Documents to be scanned and uploaded within the period of

bidsubmission:

- a) Certificate of registration / enlistment with competent authority.(*)
- b) Treasury Challan/Demand Draft/Pay order or Banker`s Cheque/Deposit at Call Receipt/FDR/ Bank Guarantee of any Scheduled Bank against **EMD**&Treasury Challan/Demand Draft/Pay order or Banker`s Cheque/Deposit at Call Receipt for **Schedule Cost**.
- c) PAN card issued by Income Tax Department.
- d) Certificate of Registration for GST
- e) Certificate of Registration for MSME bidder
- f) **An undertaking that "The Physical EMD shall be deposited by me/us with the EE calling the bid in case I/we become the lowest bidder within ONE WEEK of the opening of financial bid otherwise BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL."**
- g. * If the bidder is a firm in partnership/Limited company or Corporation, then the scanned copies of **Form "A" and partnership deed / memorandum of articles of association and power of attorney / authorization to the person who signs the tender in case of companies etc shall also be uploaded along with scanned copies of other documents.**
- h. MSME bidders are exempted from payment of bid security/EMD as per the GFR 2017, Chapter 6, Page 48, and Rule 170.**

17. ON GST:

- a) The bidder shall quote rates including all taxes viz. GST, Construction Workers Welfare Cess etc., as applicable on the date of opening of the tender.
- b) Intending bidders shall supply goods & services against the GSTN number of the state as specified in the GST registration.
- c) The intending bidder shall invariably mention the GSTIN number of the State in which the services are being made while submitting their tender. The intending bidders shall submit the necessary documentary proof at the time of bidding for the work.
- d) The contractor has to submit the invoice (Running/ final bill of quantities) along with his / their GSTN registration Number & also that of BSNL. Invoice shall be submitted as per GST Act.
- e) Payment to the contractor shall be made only after uploading the Invoice in GSTN. The contractor shall submit the invoices (Running/ final bill of quantities) along with the proof of uploading.

- f) The intending bidders shall accept the debit / credit note whenever / wherever there is a change in the value of supplies made to BSNL and upload the same in GSTN

It is mandatory to upload scanned copies of all the documents including Certificate of Registration for GST. If these documents are not uploaded, then the bid will become invalid and shall summarily be rejected.

18 General

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

For conducting electronic tendering, BSNL Civil Zone, Telangana is using the portal (<https://etenders.gov.in/eprocure/app>) as per the Govt of India guidelines

1. Tender Bidding Methodology:
Sealed Bid System –(number of) Stages – Using Single stage - Two Envelopes',

In case of two envelope system, Financial & Techno-commercial bids shall be submitted by the bidder at the same time.
2. **Broad outline of activities** from Bidders prospective:
 1. Procure a Digital Signing Certificate(DSC)
 2. Register on Electronic Tendering System®(ETS)
 3. Create Users and assign roles on ETS
 4. View Notice Inviting Tender (NIT) on ETS
 5. Download Official Copy of Tender Documents from ETS
 6. Clarification to Tender Documents on ETS
 - Getting clarifications from Tender Inviting Authority (Optional)
 - View response to queries posted by Tender Inviting Authority, as addenda.
 7. Bid-Submission on ETS
 8. Attend Public Online Tender Opening Event (TOE) on ETS Opening of Techno-commercial Part
 9. View Post-TOE Clarification posted by Tender Inviting Authority on ETS (Optional)Respond to BSNL's Post-TOE queries
 10. Attend Public Online Tender Opening Event (TOE) on ETS Opening of Financial-Part (Only for Technical Responsive Bidders)

3. Digital Certificates

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

4. Registration

To use the Electronic Tender® portal (<https://etenders.gov.in/eprocure/app>), vendor needs to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and click on the 'Supplier Organization' link under 'Registration' (on the Home Page), and follow further instructions as given on the site.

Pay Annual Registration Fee as applicable.

Note: After successful submission of Registration details and Annual Registration Fee (as applicable). Please contact NIC Helpdesk (as given below), to get your registration accepted/activated.

NIC Helpdesk	
Telephone	+91 0120-4200462, +91 0120-4001002, +91 0120-4001005
E-mail ID	Technical: support-eproc@nic.in

BSNL Contact-1	
BSNL's Contact Person	Dr.SidamGangaram, Executive Engineer(C)
Telephone/ Mobile	9490177288 [between 10:00 hrs to 17:00 hrs on working days]
E-mail ID	eecciihydts@gmail.com

BSNL Contact-2	
BSNL's Contact Person	ShriK.V.Prabhakar, SDE(C)
Telephone/ Mobile	9490137399 [between 10:00 hrs to 17:00 hrs on working days]
E-mail ID	kvp.bsnl@gmail.com

5. Bid related Information for this Tender (Sealed Bid)

The entire bid-submission would be online on ETS. Broad outline of submissions are as follows:

- Submission of Bid Security/ Earnest Money Deposit(EMD)
- Submission of digitally signed copy of Tender Documents/ Addendum/addenda

- Two Envelopes
 - Techno-commercial-Part
 - Financial-Part

6. Special Note on Security of Bids

Security related functionality has been rigorously implemented in ETS in a multi-dimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Security related aspects as regard Bid Submission are outlined below:

As part of the Electronic Encrypter™ functionality, the contents of both the 'Electronic Forms' and the 'Main-Bid' are securely encrypted using a Pass-Phrase created by the Bidder himself. Unlike a 'password', a Pass-Phrase can be a multi-word sentence with spaces between words (e.g. I love this World). A Pass-Phrase is easier to remember, and more difficult to break. It is recommended that a separate Pass-Phrase be created for each Bid-Part. This method of bid-encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tendering systems which use Public-Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

Typically, 'Pass-Phrase' of the Bid-Part to be opened during a particular Public Online Tender Opening Event (TOE) is furnished online by each bidder during the TOE itself, when demanded by the concerned Tender Opening Officers who will open the bid. Else Tender Opening Officer may authorize the bidder to open his bid himself.

There is an additional protection with SSL Encryption during transit from the client-end computer of a Supplier organization to the e-tendering server/ portal.

Public Online Tender Opening Event(TOE)

ETS offers a unique facility for 'Public Online Tender Opening Event (TOE)'. Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event(TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized are requested to carry a Laptop and Wireless Connectivity to the Internet.

Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on ETS. As soon as a Bid is decrypted with the corresponding 'Pass-Phrase' as submitted online by the bidder himself (during the TOE itself), salient points of the Bids are simultaneously made available for downloading by all participating bidders. The work of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'.

ETS has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Tender. The information in the Comparison Chart is based on the data submitted by the Bidders in electronic forms. A detailed Technical and/ or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.

ETS has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/ Downloading'.

There are many more facilities and features on ETS. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

NOTE: In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public tender opening event, during e-auction, it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement/ e-auction service-provider's end (in the server, leased line, etc) due to which all the bidders face a problem during critical events, and this is brought to the notice of BSNL by the bidders in time, then BSNL will promptly re-schedule the affected event(s).

7. Other Instructions

For further instructions, the vendor should visit the home-page of the portal (<https://etenders.gov.in/eprocure/app>), and go to the User-Guidance Center

The help information provided through 'ETS User-Guidance Center' is available in three categories – Users intending to Register / First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier Organizations / intending bidders. Various links are provided under each of the three categories.

Note: It is strongly recommended that all authorized users of Supplier organizations / intending bidders should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

8. The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:

1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on ETS.
2. To Register on ETS well in advance of your first tender submission deadline on ETS

3. Get trained on ETS well in advance of your first tender submission deadline on ETS
4. Submit the bids well in advance of tender submission deadline on ETS as there could be last minute problems due to internet timeout, breakdown, etc.

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

11. Minimum Requirements at Bidders end

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

BHARAT SANCHAR NIGAM LIMITED
(A Government Of India Enterprise)

NOTICE INVITING e-TENDER

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 (B&R) of Government of Andhra Pradesh &Telangana, DOP, MES and Railways for the work of **“Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA”**

The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

The intending bidder eligible to submit bid has to scan and upload the following documents within the period of bid submission:

- a) Certificate of registration / enlistment under appropriate with competent authority.(*)
- b) Treasury Challan / Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR/ Bank Guarantee of any Scheduled Bank against **EMD&Treasury Challan/Demand Draft/Pay order or Banker`s Cheque/Deposit at Call Receipt for **Schedule Cost.****
- c) PAN card issued by Income Tax Department.
- d) Certificate of Registration for GST.
- e) **An undertaking that "The Physical EMD shall be deposited by me/us with the EE calling the bid in case I/we become the lowest bidder within ONE WEEK of the opening of financial bid otherwise BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL."**

*If the bidder is a firm in partnership/Limited company or Corporation, then the scanned copies of **Form “A” and partnership deed / memorandum of articles of association and power of attorney / authorization to the person who signs the tender in case of companies etc., shall also be uploaded along with scanned copies of other documents.**

- 1.1.1 The work is **estimated to cost Rs.5,05,512/-**. This estimate, however, is given merely as a rough guide.
- 1.1.2 Intending bidders is eligible to submit the bid provided he has Valid enlistment and all other documents as sought for participating in this tender which shall be scanned uploaded in the website.
- 1.2.1 **NO PRIOR EXPERIENCE IS REQUIRED FOR PARTICIPATING IN THIS TENDER.**
2. Agreement shall be drawn with the successful tenderer on prescribed Form No.: BSNL W-7/8, which is available on BSNL website www.telangana.bsnl.co.in. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **45 (Forty-Five) Days** from the **7th day** after the date of issue of letter of award 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.
- (i) The site for the work is available.
5. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
- a. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- The bid document consisting of NIT, 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, NIT & General conditions of contract can be seen and downloaded from BSNL website www.telangana.bsnl.co.in or from the Office of Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad.
6. 1 ***Earnest Money except MSME, (as mentioned above), in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of AO(Cash), BSNL, Nalgonda, payable at Nalgonda shall be scanned and uploaded to the e-Tendering website within the period of bid submission.***

A part of earnest money is acceptable in the form of bank guarantee also. When the 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. And balance **may be deposited** in shape of Bank Guarantee of any scheduled bank **having validity for six months or more from the last date of receipt of bids. The EMD has to be scanned and uploaded to the e-Tendering website by the intending bidders within the period of bid submission.**

The physical EMD of the scanned copy of EMD uploaded shall be deposited by the lowest bidder within ONE WEEK after opening of financial bid failing which the bid shall be rejected and enlistment of the agency shall be withdrawn by the enlisting authority. The agency shall be debarred from tendering in BSNL.

The following **undertaking** in this regard **shall also be uploaded** by the intending bidders:-

“The Physical EMD shall be deposited by me/us with the EE calling the bid in case I/we become the lowest bidder within a week of the opening of financial bid otherwise Organization may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL.”

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.

7. Interested contractor who wish to participate in the bid has also to make following payments within the period of bid submission:

7.1 e-tender Processing Fee:- e-Tender Processing Fee as applicable shall be paid by the intending bidder.

7.2 The intending bidder has to fill all the details as sought by the e-tendering portal. Copy of Enlistment Order and other documents as specified in the NIT shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **However, SELF certified copy of all the scanned and uploaded documents as specified in notice inviting e-tender shall have to be submitted by the lowest bidder only along with physical EMD within ONE WEEK physically in the office of tender opening authority.**

8.0 Online bid documents submitted by intending bidders shall be opened only of those bidders, **who has deposited e-Tender Processing Fee (as applicable) and Earnest Money Deposit and other documents scanned and uploaded are found in order.**

The technical bids of eligible bidders shall opened at **15:00Hours on 23.09.2023.**

8.1 **The bid submitted shall become invalid and e-Tender processing fee, as applicable, shall not be refunded if:**

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents (including Certificate of Registration for GST) as stipulated in the bid document **including the undertaking about deposition of physical EMD of the scanned copy of EMD uploaded.**
- (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted **physically by the lowest bidder** in the office of bid opening authority.
- (iv) In case the eligibility credentials are not found genuine 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
- (v) **The lowest bidder does not deposit physical EMD and self-certified copies of documents within a week of opening of bid.**

9. The description of the work is as follows:

“Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA”

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

11. 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 a 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 & plant, etc., will be issued to him by the BSNL and local conditions and other factors having a bearing on the execution of the work.

12. The competent authority on behalf of BSNL does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

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

14. The competent authority on behalf of BSNL reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

15. 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 (HUF).
- (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).

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, _____ s/o Shri _____ 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/Performance guarantee 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.

16. 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 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.
17. The tender for the work shall remain open for acceptance for a period of 30 (Thirty) days from the date of opening of the bids. 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.

18. In case of works having tendered value is below Rs. 15,00,000/-, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the Proforma 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 tendered value is above Rs.15,00,000/-, the successful tenderer, 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 BSNL. In the event of failure on the part of the successful tenderer to furnish the Bank Guarantee within 15 days, including the extended period if any, the earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor, and tender will be cancelled.
19. 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: -
- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard BSNL W-7/8 as on BSNL website www.telangana.bsnl.co.in
 - c) Agreement signed on non-judicial stamp paper as per Performa annexed to the tender document.
- 20.
- a) The contractor has to submit the invoice (Running/ final bill of quantities) along with his / their GSTIN registration Number & also that of BSNL. Invoice shall be submitted as per GST Act.
 - b) Payment to the contractor shall be made only after uploading the Invoice in GSTN. The contractor shall submit the invoices (Running/ final bill of quantities) along with the proof of uploading.
 - c) The intending bidders shall accept the debit / credit note whenever / wherever there is a change in the value of supplies made to BSNL and upload the same in GSTN
21. 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.
22. 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.
23. Tenderer may contact on Phone No **9490177288** on or before **17:30 Hours up to 21.9.2023** in case of any queries. No subsequent query will be entertained. Clarification or amendments if any shall be uploaded on BSNL website www.telangana.bsnl.co.in or <http://eprocure.gov.in>. The clarification or amendments shall also form the part of the agreement.
24. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on BSNL website www.telangana.bsnl.co.in as well as in the Division Office.
25. For e-Tendering of this tender BSNL is utilizing e-procurement system maintained by NIC. The agency intending to participate in tendering process shall have to register with e- procurement system (Central Public Procurement Portal). For details kindly visit website <https://eprocure.gov.in>.
26. If any terms and conditions under General Rules and Directions, (which can be seen in general conditions of contract available in BSNL website www.telangana.bsnl.co.in) is in contravention to terms and conditions as above, the terms and conditions as above shall prevail.

Signature and Name of

**Executive Engineer (Civil)
For & on behalf of the
Bharat Sanchar Nigam Limited**

BSNL W – 7/8

BHARAT SANCHAR NIGAM LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)

STATE - Telangana CIRCLE- BSNL Civil Circle, Hyderabad
 ZONE - Hyderabad DIVISION - BSNL Civil Division - II, Hyderabad

Item Rate Tender & Contract for Works:

Tender for the work of **“Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for relocation at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHNAGAR in Nalgonda BA”**

- (i) To be submitted **through Online** by **15.00**hours on **22.9.2023**
- (ii) To be opened in presence of tenderer who may be present at
 - a) Technical Bids @ **15:00**hours on **23.9.2023**
 - b) Financial Bids @ **15:30** hours on **23.9.2023**

in the office of Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad. (9490177288).

If due to administrative reasons, the venue of Bid opening is changed; it will be displayed prominently on at **O/o The Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad, #703, Seventh Floor, BSNL Bhavan, Adarshnagar, Hyderabad, Telangana – 500063.**

(Proforma for authorized representative to attend the opening of Bid is given below)

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 forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid 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 for the Bharat Sanchar Nigam Limited 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 (Thirty) 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 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.

A sum of Rs..... (Rupeesonly) 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, in case of works of tendered value 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 proforma prescribed or in the form of Fixed Deposit Receipt etc., within 15 days of the issue of letter of acceptance of Tender by the BSNL. I/We am/are aware that in the event of failure on my/our part to furnish the Bank Guarantee within 15 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.

I/ We hereby declare that the GSTIN number of the State in which the services are being provided is _____

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

"I/we agree that this contract is subject to jurisdiction of Court at Hyderabad 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 ofRs_____ (Rupees _____)

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

(a)_____

(b)_____

For & on behalf of the Bharat Sanchar Nigam Limited.

Signature_____

Dated.....

Name and designation

For Letter of Authorization for attending Bid Opening Event.

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

Subject: Authorization for attending Bid opening

I/ We Mr. /Ms. Have submitted our bid for the tender no..... in respect of

.....

..... (Item of work) which is due to open on (Date) in the Meeting Room, O/o.....

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

.....

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

.....

Name of the Representative

.....

Signature of the alternative Representative

.....

Name of the alternative Representative

Above Signatures Attested

.....

Note 1: Only one representative will be permitted to attend the Bid opening

- 2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not received.

PART – B

PROFORMA OF SCHEDULES

(Operative Schedules to be supplied separately to each of the intending tenderer)

SCHEDULE “A”

Schedule of Quantities (Appended)

SCHEDULE “B”

Schedule of Materials to be issued to the contractor

Sl.No.	Description of Item	Quantity	Rate 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 Plant to be hired to the contractor

S.No.	Description of Item	Hire charges per day	Place of issue
1	2	3	4
DELETED			

SCHEDULE “D”

Extra schedule for specific requirements/documents for the work if any.

1. Additional Conditions
2. Additional Conditions to Civil Works

SCHEDULE “E”

Schedule of component of Materials, Labour etc. for escalation.

CLAUSE 10

Component of Materials expressed as Percent of Total Value of Work	“X”	73%
Component of Labour expressed as Percent of Total Value of Work	“Y”	23%
Component of POL expressed as Percent of Total Value of Work	“Z”	0%

SCHEDULE“F”

(ReferencetoGeneralConditionsofContract)

NameofWork: - Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHAGAR in Nalgonda BA.

EstimatedcostofWork : **Rs. 5,05,512/-**

Earnest Money: : **Rs. 10,200/-**

PerformanceGuarantee

(5%of thetenderedValueinthe formof Bank GuaranteefromScheduledBankin respect of works withtender value exceeding Rs.15 Lakhs)Rs_____ (Rupees_____)

Security Deposit

(10%of thetenderedvalueforworks with estimated cost put to tenderup toRs.15Lakhs)
(5%of the tendered value in the formofBank Guarantee from Scheduled Bank in respect of Workswithtender value exceedingRs.15Lakhs)Rs_____ (Rupees_____)

Officer invitingtender ExecutiveEngineer (Civil),
BSNL Civil Division - II, Hyderabad

Maximumpercentageforquantityofitems of WorktobeExecutedbeyond which rates are to be determined inAccordancewithClause 12.2&12.3 50%

Definitions**Seebelow**

2(v) Engineer-in-charge
BSNL Civil Division - II,Hyderabad.

ExecutiveEngineer (Civil),

2(viii) AcceptingAuthority

Executive Engineer (Civil),
BSNL Civil Division - II, Hyderabad.

2(x) PercentageonCost of materials and Labourto coveralloverheadsandprofit 10 %

2(xi) StandardScheduleofRates D.S.R – 2021/LMR.

9(ii) StandardBSNLContractForm BSNL W-8(modified and corrected with up to of tenders)date Correction slips as on the date ofopening.

GST Act	The term "GST Act" 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), Rules and any other GST related legislation in India.
GST	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.

Clause2

Authority for fixing compensation under Clause 2: Executive Engineer (Civil), BSNL Civil Division - II, Hyderabad.

Clause2A

Whether Clause 2 A shall be applicable No

Clause 3 A

Whether Clause 3 A shall be Applicable No

Clause5

- | | |
|--|---|
| i) Time allowed for execution of work. | 45 (Forty-Five) Days |
| ii) Authority to give fair and reasonable (Civil), extension of time for completion of work. II, Hyderabad | Executive Engineer
BSNL Civil Division - |

Clause 6 A

Whether Clause 6 A shall be Applicable NO

Clause7

Gross value of work to be done together with Net payment / adjustment of advances For materials collected, if any, since the Last such payment for being eligible to interim payment. **Rs.3.00 Lakh**

Clause10

Reinforcement steel to be used in the work shall have to be procured as below :

TMT bars Manufactured..... BIS approved primary producer.

Clause 10 D

Whether Clause 10 D shall be applicable NO

Clause11

Specification to be followed for CPWD specification volume I & II of 2009 execution of work with up to date correction slips.

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 applicable **50 %(Fifty Percent)**

Clause 16

Competent authority for deciding reduced rates.

Joint Chief Engineer (Civil)
BSNL Civil Circle, Hyderabad.

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 following table :

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation of Principal Technical/Technical Representative	Minimum Experience in Years	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling the provision of Clause 36(i)	
						figures	words
1.	NIL						

Clause 37(i)

Extent of GST payable by **Contractor** for Building and Construction works:

Applicable for Works contract as per extant GST Act with upto date amendment. **Contractor shall quote rates inclusive of GST.**

Clause 42

i)(a) Schedule / statement for determining theoretical quantities of cement on the basis of Delhi Schedule of Rates printed by CPWD. Central Public Works Department, Delhi Schedule of Rates 2018 for Delhi with upto date correction slips

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

Sl.No	Material	Star Price (Rate in Figures and Words)
1	For Cement	Rs. 5,433/- Per MT
2	For Reinforcement Steel conforming to BIS 1786 (Fe 500D Grade)- TMT bars	Rs. 35,892/- Per MT

The rate for recovery under clause 42 shall be same as the Star Price
Appendix – XV

Notice for appointment of Arbitrator
 (Refer Clause-25)

To
 The Chief Engineer
 BSNL Civil Zone

Dear Sir,

In terms of Clause 25 of the agreement, particulars of which are given below, I/We hereby give notice to you to appoint an arbitrator for settlement of disputes mentioned below:

1. Name of applicant:
2. Whether applicant is individual/Prop Firm/Partnership Firm/Ltd Co
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
5. Name of the Division which entered into contract
6. Contract amount in the work
7. Date of contract
8. Date of contract, Date of initiation of work
9. Stipulated date of completion of work
10. Actual date of completion of work (if completed)
11. Total number of claims made
12. Total amount claimed
13. Date of intimation of final bill (if work is completed)
14. Date of payment of final bill (if work is completed)
15. Amount of final bill (if work is completed)
16. Date of request made to SE for decision
17. Date of receipt of SE's decision
18. Date of appeal to you
19. Date of receipt of your decision

Specimen signatures of the applicant
 (only the person/authority who
 signed the contract should sign)

I/We certify that the information given above is true to the best of my / our knowledge. I/We enclose following documents.

1. Statement of claims with amount of claims.
- 2.
- 3.
- 4.

Yours faithfully,
 (Signature)

Copy in duplicate to:

1. The Executive Engineer
 _____ Division

Correction Slip no.5

(To GCC for civil works-2006)

Clause No.	Present Provision in the clause	Modified provision in the clause
37(i)	Sales Tax/VAT (except Service Tax). 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 BSNL shall not entertain any claim whatsoever in this respect. However, in respect of Service Tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-charge after satisfying that it has been actually and genuinely paid by the contractor.	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 BSNL shall not entertain any claim whatsoever in this respect.
38(i)	All tendered rates shall be inclusive of all taxes and levies (except Service Tax) payable under respect statute. However, if any further tax or levy or cess is imposed by statute, after the last stipulated date for the receipt tender including extensions, if any, and the contractor thereupon necessarily and properly pay such taxes/levies, the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Superintending Engineer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.	All tendered rates shall be inclusive of all taxes and levies viz.GST, Building and other Construction Workers Welfare Cess or any other tax or cess in respect of this contract payable under respective statutes. However, if any further tax or levy or cess is imposed by statute, after the last stipulated date for the receipt of tender including extensions, if any, and the contractor thereupon necessarily and properly pay such taxes/levies the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the delay in execution of work within the control of the contractor.

Correction Slip No.6

(To GCC for Civil Works – 2006)

Clause No.	Present Provision	New Provision
Clause 7	<p>No payment shall be made for work, rates as decided by Engineer-in-charge.</p> <p>The amount admissible will as far as possible be paid by <u>10th</u> working day after the day of presentation of the bill by the contractor to the Engineer-in-charge or his Asstt.Engineer together with the account of the material issued by the BSNL, or dismantled materials, if any. In the case of works outside the head quarter of the Engineer-in-charge, the period of <u>ten</u> working days will be extended to <u>fifteen</u> working days .</p> <p>All such interim payment..... detailed measurement thereof.</p>	<p>No change</p> <p>The amount admissible will as far as possible be paid by <u>45th</u> working day after the day of presentation of the bill by the contractor to the Engineer-in-charge or his Asstt.Engineer together with the account of the material issued, or dismantled materials, if any. In the case of works outside the head quarter of the Engineer-in-charge, the period of 45 (FortyFive) working days will be extended to 60(Sixty) working days.</p> <p>No change</p>

Correction Slip No.7
(To GCC for Civil Works – 2006)

Clause para of BSNL 6/8	Existing Provisions	Modifications proposed
General Rules and Directions Para 13	The contractor whose tender is accepted, for an amount exceeding Rs.15.00 Lakhs (Rupees Fifteen Lakhs) will be required to furnish an irrevocable PERFORMANCE GUARANTEE of 3% (Five Percent) of the tendered amount in addition to the other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within 15 days of issue of letter of Acceptance of Tender. This guarantee shall be in the form Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India.	The contractor whose tender is accepted, for an amount exceeding Rs.15.00 Lakhs (Rupees Fifteen Lakhs) will be required to furnish an irrevocable PERFORMANCE GUARANTEE of 5% (Three Percent) of the tendered amount in addition to the other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within the period as indicated in Schedule-F. This guarantee shall be in the form Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F.
Clause 5.1.1	Further, in case of works estimated to cost above Rs. 10 Lakhs, the contractor shall, as soon as the contract is awarded, submit a Time and Progress Chart for each milestone and get it approved by the Engineer – in- Charge. The Chart shall be prepared in direct relation to the time stated in the contract document for completion of items of work and can be based	The Contractor shall submit a Programme Chart (Time and Progress) for each milestone along with performance guarantee and get it approved by the Engineer – in- Charge. The Chart shall be prepared in direct relation to the time stated in the contract document for completion of items of work and can be based
Clause 7A	No Provision	No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever

		applicable are submitted by the contractor to the Engineer-in-Charge.
Clause 19	<p>-----</p> <p>The contractor shall register himself under Building and Other Construction Workers (Regulation of Employment & Condition of service) Act 1996 & under Building and Other Construction Workers (Regulation of Employment & Condition of service) Act 1998 and Building and Other Construction Workers Welfare Cess Act 1996 and Building and Other Construction Workers Welfare Cess Rules 1996 AND shall obtain a valid license under the Contract Labour(R&A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, as amended from time to time, before the commencement of the work and continue to have these validated until the completion of the work.</p> <p>-----</p>	<p>-----</p> <p>The contractor shall register himself under Building and Other Construction Workers (Regulation of Employment & Condition of service) Act 1996 & under Building and Other Construction Workers (Regulation of Employment & Condition of service) Act 1998 and Building and Other Construction Workers Welfare Cess Act 1996 and Building and Other Construction Workers Welfare Cess Rules 1996 AND shall obtain a valid license under the Contract Labour(R&A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, as amended from time to time, before the commencement of the work and continue to have these validated until the completion of the work. The contractor shall also comply with provisions of the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.</p> <p>-----</p>

SCHEDULE - D
ADDITIONAL CONDITIONS

(i) CEMENT

The contractor shall procure 43/53 grade (conforming to IS:8112/I2269) ordinary Portland cement/ Portland Pozzalona Cement (conforming to IS:1489) as required in the work, from reputed manufacturers of cement having a production capacity of one million tonnes or more per annum such as ACC, Ultratech, ZUARI, Birla and Cement Corporation of India, Gujarat Ambuja etc., as approved by the Ministry of Industry , Government of India and holding license to use ISI certification mark for their product. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially. Supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples from cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of 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.

Note: Use of cement with GGBS/Fly ash are preferred.

(ii) GST

GST, up to the extent mentioned in Schedule-F, shall be payable by the contractor and BSNL shall not entertain any claim whatsoever in this respect.

(iii) CONSTRUCTION WORKERS WELFARE CESS

Cess under building and other construction worker's welfare cess "Act 1996" and building and other construction workers Cess rules notwithstanding anything contained in this contract, cess at the rate stipulated under Clause 3(1) of the Building and other construction worker's welfare Cess Act 1996, shall be recovered from the gross amount of the bill / bills payable under this contract.

(iv) OTHER CONDITIONS

- a) 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.
- b) All safety precautions are to be taken by the agency for the working labour and inspecting officers by taking appropriate actions. (Insurance, safety helmets, safety belts, glues etc.)**
- c) The contractor shall take instructions from Engineer-in-Charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.
- d) All materials that are tested for use in the work shall be procured well in advance so that enough time is available for testing and approval of these materials by the Engineer-in-Charge.

ADDITIONAL CONDITIONS FOR CIVILWORKS

1.0 SETTING OUT

The Contractor shall carry out survey of the work area, at his own cost, setting out the layout of compound wall & other structures in consultation with the Engineer-in-Charge & proceed further. Any discrepancy between the architectural drawings and actual layout at site shall be brought to the notice of the Engineer-in-Charge. It shall be responsibility of the Contractor to ensure correct setting out of alignment. Total station survey instruments only shall be allowed to be used for layout, fixing boundaries, centre lines, etc., along with theodolites. Nothing extra shall be payable on this account.

The Contractor shall establish, maintain and assume responsibility for grades, lines, levels and benchmarks. He shall report any errors or inconsistencies regarding grades, lines, levels, dimensions etc. to the Engineer-in-Charge before commencing work. Commencement of work shall be regarded as the Contractor's acceptance of such grades, lines, levels, and dimensions and no claim shall be entertained at a later date for any errors found.

If at any time, any error in this regard appears during the progress of the work, the Contractor shall, at his own expense rectify such error, if so required, to the satisfaction of the Engineer-in-Charge. Nothing extra shall be payable on this account.

Though the site levels are indicated in the drawings the Contractor shall ascertain and confirm by them self, the site levels with respect to benchmark from the concerned authorities. The Contractor shall protect and maintain temporary/permanent benchmarks at the site of work throughout the execution of work. These benchmarks shall be got checked by the Engineer-in-Charge or his authorized representatives. Nothing extra shall be payable on this account.

The work at different stages shall be checked with reference to benchmarks maintained for the said purpose. The cost of carrying out layouts at all stages including marking of reference points, center lines of the building etc. including construction/maintenance of said benchmark shall be deemed to be included in quoted rates quoted for various items. Nothing extra shall be payable on this account.

The approval by the Engineer-in-Charge, of the setting out of the alignment of the compound wall & other structures, by the Contractor, shall not relieve the Contractor of any of his responsibilities and obligation to rectify the errors/defects, if any, which may be found at any stage during the progress of the work or after the completion of the work.

The Contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignments, the level and correctness of every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the Contractor at his own cost to the entire satisfaction of the Engineer-in-Charge.

The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting outwork, profile, establishment of reference bench mark(s), taking spot levels, construction of falls safety and protection devices, barriers, preparatory works, working during monsoon, working at all depths, height and location etc. and any other incidental works required to complete this work. Nothing extra shall be payable on this account unless specifically mentioned in the item nomenclature.

1.0 QUALITY CONTROL AND TESTING OF MATERIALS

- a) All the material to be used in the work shall bear ISI certification mark unless otherwise the make is specified in the items, particular specification and list of recommended makes of materials appended with this tender document. In case ISI mark materials or the materials mentioned in the tender documents are not available, the material to be used shall conform to CPWD specifications applicable to this tender, national or international code as approved by Engineer-in-Charge. In such cases, the Engineer-in-charge shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers/suppliers shall be used in the work, unless otherwise specified. All material not having ISI mark, if allowed to be used in the work by Engineer-in-Charge, shall be tested as per relevant specifications, as approved by the Engineer-in-Charge.
- b) The Contractor shall procure and provide all the materials from the manufacturers/suppliers as per the list attached with the tender documents, as per the item description and particular specifications for the work. The equivalent brand for any item shall be permitted to be used in the work, only if approved by Engineer-in-charge or when the specified make is not available. Documentary evidence needs to be produced by the contractor for non-availability of the brands specified and shall also be subject to independent verification by the Engineer-in-Charge. In exceptional cases, where such approval is required, the decision of Engineer-in-Charge as regard equivalent make of the material shall be final and binding on the Contractor. No claim, whatsoever, of any kind shall be entertained from the Contractor on this account. Nothing extra shall be payable on this account. Also, the material shall be procured only after the written approval of Engineer-in-Charge.
- c) All the material to be used in the work, to give the finished work complete in all respects, shall comply with the requirements of the specifications and shall pass all the tests required as per specifications as applicable or such specifications/standards as directed by the Engineer-in-Charge.
- d) The tests, as necessary, shall be conducted in the laboratory approved by the Engineer-in-

Charge. The samples shall be taken for carrying out all or any of the tests stipulated in the particular specifications and as directed by the Engineer-in-Charge or his authorized representative.

- e) The Contractor shall at his own risk and cost make all arrangements and shall provide all such facilities, the Engineer-in-Charge may require for collecting, preparing, forwarding the required number of samples for testing as per the frequency of tests stipulated in the contract specifications or as considered necessary by the Engineer-in-Charge, at such time and to such places, as directed by the Engineer-in-Charge. Nothing extra shall be payable for the above.
- f) The Contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate himself, the result of such tests and consequences thereon shall be binding on the Contractor. The Contractor or his authorized representative shall remain in contact with the Engineer-in-Charge or his authorized representative associated for all such operations. No claim of payment or claim of any other kind, whatsoever, shall be entertained from the Contractor. The Contractor at his own expense shall supply materials, Labour for preparing and testing samples as required by the Engineer-in-Charge. The testing shall be carried out in the presence of the representative of the Engineer-in-Charge, if so directed by the Engineer-in-Charge.
- g) **Unless otherwise specified elsewhere in this tender document, the testing charges shall be borne by the Department only when the samples satisfy the provisions specified and the samples conform to the requirement of the relevant specifications. If the results show that the samples do not satisfy the relevant specified criteria, the testing charges shall be borne by the contractor.**
- h) The Contractor shall at all reasonable times provide access to the Engineer-in-Charge or his authorized representative to the workshops, factories or other places where materials are stored, for inspection and/or collection of samples. Nothing extra shall be payable on this account.
- i) Materials (required for the work) procured by the Contractor shall be stored by the Contractor only at places, in standard profiles and in the manner, as per the manufacturer's specifications and as approved by the Engineer-in-Charge. Storage and safe custody of all materials shall be the sole responsibility of the Contractor.

3.0 STORAGE OF MATERIALS

The Contractor shall construct suitable godowns/sheds as per specifications for storing the materials safely, against damage due to sun, rain, dampness, fire, theft etc. He shall also employ necessary watch and ward for the purpose. The contractor shall take instructions from the Engineer-in-charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services or compound walls are to be constructed. The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are under double lock system.

4.0 QUALITY ASSURANCE

The Contractor shall make available, on request from BSNL, for record, copies of challan, cash memos, receipts and other certificates, if any, voucher towards the quantity and quality of Steel and Cement procured and the same shall be kept in record. These shall also provide information, on the name of the manufacturer, manufacturer's product identification, manufacturer's instructions, warning, date of manufacturing and test certificates (from manufacturers for the product for each consignment delivered at site), shelf life, if any etc., for the department to ensure that the material have been procured from the approved source and is of the approved quality, as directed by the Engineer-in-Charge. The day to day receipts and issue accounts of cement shall be maintained by the Engineer-in-Charge and signed daily by the contractor or his authorized agent. Nothing extra shall be payable on this account.

5.0 DEPLOYMENT OF CENTRING AND SHUTTERING:

The steel centering and shuttering and other connected materials required for work shall be made available within 10 days of stipulated date of start of work. The materials so brought shall not be removed from the site of work, unless connected works are completed and approval of Engineer-in-Charge is obtained. The decision of the Engineer-in-Charge in this regard shall be final and binding upon the contractor.

6.0 Some restrictions may be imposed by the local police etc. on the working time and for movement of labour, materials etc. the contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.

7.0 The works shall be carried out in a manner complying in all respects with the requirements of relevant bylaws of the local body under the jurisdiction of which the work is to be executed and/ or as directed by the Engineer-in-charge and nothing extra will be paid on this account. If as per municipal rules the huts for labour are not to be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account. 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.

8. MINES & QUARRIES - RECOVERY OF SEIGNIORAGE CHARGES FROM THE BILLS OF

THE CONTRACTORS.

Royalty at the prevalent rates shall be deducted from the bills of the contractors on the materials (Where royalty is payable, like boulders, sand etc.) as per **Government of Telangana Circular G.O.M.S. No. 67 Dated 25.9.2015**. If any gazette notification is issued by Government of Telangana in lieu of the above, the same shall prevail). The quoted rate of the contractor shall be inclusive of such royalty and taxes etc and nothing extra shall be payable on this account.

- 9.0 The contractor will have to work according to the program of work, approved by the Engineer-in-charge.
- 10.0 Water charges: Clause 31A of BSNL W-8 for water supply is not applicable since the contractor has to arrange water for construction purposes. And this water shall be tested from a recognized laboratory periodically as directed by the Engineer-in-Charge. Testing charges will be borne by the contractor.
- 11.0 The contractor shall get the samples of various materials, fittings to be used in work approved well in advance from the Engineer-in-Charge before placing orders. The contractor shall produce all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.
- 12.0 In case of concrete and reinforced concrete work, for which the contractor shall be required to make arrangement for carrying out compression strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage up to the laboratory where the test is to be performed. The cube tests can be performed at any laboratory approved by the Engineer-in-charge.
- 13.0 The structural and architectural drawings shall at all times be properly correlated before executing any work. In case of any discrepancy in the items given in the schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the former shall prevail unless otherwise given in writing by the Engineer-in-Charge.

LIST OF RECOMMENDED MAKES OF MATERIALS FOR CIVIL WORKS

The list of recommended makes of materials is given below. The conditions given in para 2.0 under “Additional conditions for civil works” of the tender document shall apply for the same.

APPENDIX -I	
LIST OF PREFERRED MAKES FOR CIVIL/SANITARY WORKS	
Material	Preferred Make
Earthwork.	
Grouting Compound.	Fosroc, HILTI, Laticrete
Concrete Works	
Ordinary Portland Cement (Grey) (43/53 Grade) conforming to IS 1489(Part 1) /Portland Pozzalona Cement (conforming to IS:1489)	ACC, Ultratech, Gujarat Ambuja, priya, Zuari, CCI, Chettinad
Water Proofing Compound	Fosroc,Sika, Pidilite, CICO
RCC Works	
Reinforcement Steel	BIS approved primary producers of steel.
Ready Mix Concrete	L&T, Birla Ultratech, Lafarge, Aparna and ACC
Bitumen impregnated fiber board	shalitex board (S/S) of shalimar products or equivalent
Expansion Joint sealing compound	Shalimar/ Capitex
Non-asbestos fiber cement board	Charminar, Visakha
Admixtures	Fosroc, Pidilite, Roff.

Factory made precast RCC perforated drain covers	Kittu ,KK, Advent,Newtech
Brick work	
Fly ash cement (Non modular) bricks conforming to IS:12894-2002, class designation 7.5	M/s Prakash International Ltd., M/s Aparna Enterprises Ltd.
Stone work	
Rigid PVC pipes-working pressure 4kg/cm ²	Supreme, Prince, Sudhakar, Astral
Steel work	
Structural Steel, Bar, Flats, Angle, Tee Sections	SAIL, TATA(TISCO), RINL or equivalent.
M.S. Pipe, Tubes	TATA, Jindal or equivalent
Pressed steel door frames	MPP (Metal profile projects) / Shakti Met-doors
Stainless steel (Grade 304)	Salem, Jindal, SAIL
Flooring	
White Cement.	Birla White/J.K. white.
Vitrified ceramic tiles.	NITCO, RAK, Kajaria
Ceramic glazed tiles	NITCO, RAK, Kajaria
Pre polished designer cement concrete exterior floor tiles	M/s Hindusthan Tiles or approved equivalent
Granite/ Shabad/Tandur	Samples are displayed in Office of Executive Engineer
Finishing	
Acrylic Distemper/Plastic emulsion, primers, exterior emulsion	Asian Paints, ICI, Berger, Nerolac (with low VOC content)
Synthetic Enamel Paint.	Asian Paints, ICI, Berger, Nerolac (with low VOC content)
Water proof cement paint.	Snowcem, Nitcocem.

DECLARATION

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

a) Certified that:

- 1. I/ We have read, understood and agree with all the terms and conditions, specifications included in the tender documents & offer to execute the work at the rates quoted by us in the tender form.
- 2. If I/ We fail to enter into the agreement & commence the work in time, the EMD/SD deposited by us will stand forfeited to the BSNL.

b) The tenderer hereby covenants and declares that:

- 1. All the information, Documents, Photo copies of the Documents/ Certificates enclosed along with the Tender offer are correct.
- 2. If anything is found false and/or incorrect and/or reveals any suppression of fact at any time, BSNL reserves the right to debar our tender offer/ cancel the LOA/ Purchase/ work order if issued and forfeit the EMD/ SD/ Bill amount pending with BSNL. In addition, BSNL may debar the contractor from participation in its future tenders.

Date: Signature of Tenderer

Place:.....

Name of Tenderer.....

Along with date & Seal

SCHEDULE OF QUANTITIES						
-						
NIT No. :: 45 / BCDH - II / 2023-24						
-						
Name of the work : Construction of 18M Roof Top Tower including foundation & erection, horizontal gantry on rented building (G+1) for re-location at Shanthinagar (Site ID:NG5082) shifting of the switched Off M/s ATC site NG5044_MYG_SANTHOSHINAGAR in Nalgonda BA.						
-						
Sl.No.	Description of Item	Quantity	Rate (Rs)	Unit	Amount (Rs)	DSR-21 Code
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	0.50 Cum		One Cubic Metre		15.3
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..					
a)	In cement mortar	6.00 Cum		One Cubic Metre		15.7.4
3	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:					
a)	Asbestos cement sheet	11.60 Sqm		One Square Metre		15.28.2
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed					

blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:

a)	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	0.10	Cum	One Cubic Metre	4.2.2
5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
a)	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	0.80	Cum	One Cubic Metre	5.2.2
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	4.60	Cum	One Cubic Metre	5.3
7	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	35.00	Sqm	One Square Metre	5.9.5

b)	Columns, Pillars, Piers, Abutments, Posts and Struts	10.00	Sqm	One Square Metre	5.9.6
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
a)	Thermo-Mechanically Treated bars of grade Fe-500D or more.	460.00	Kg	One Kilogram	5.22A.6
9	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	60.00	Sqm	One Square Metre	5.23
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
a)	Cement mortar 1:6 (1 cement : 6 coarse sand)	7.90	Cum	One Cubic Metre	6.4.2
11	12 mm cement plaster of mix :				
a)	1:6 (1 cement: 6 coarse sand)	33.00	Sqm	One Square Metre	13.4.2
12	15 mm cement plaster on rough side of single or half brick wall of mix :				
a)	1:6 (1 cement: 6 coarse sand)	33.00	Sqm	One Square Metre	13.5.2
13	Finishing walls with Acrylic Smooth exterior paint of required shade :				
a)	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm).	126.00	Sqm	One Square Metre	13.46.1
14	Providing and fixing precoatedgalvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet	12.00	Sqm	One Square Metre	12.50

and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.

15	Structural steel work riveted , bolted or welded in build up sections , trusses and framed work, including cutting hoisting, fixing in position with galvanized steel sections consisting of Angles , flats, plates fabricated as per approved drawings in gratings, frames, railings, cable trays, ladders, space frames and similar locations , The galvanizing shall be as per IS 4759 with average mass of zinc coating of 610 gm/Sqm (approximately 85 micron) . The steel sections shall be of M.S grade 'A' as per IS 2062. Cost of galvanization is inclusive. The payment shall be made as per the standard structural steel tables for the bare steel sectional weights . All compete as directed by the Engineer -in-charge.	250.00	Kg	Kg	LMR
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16	Providing and fixing 16mm dia mild steel round holding down anchor bolts of 0.95m length including top threaded upto 200mm with double check nuts and washer plates etc., complete as directed by the Engg-in-charge. Rate inclusive of transportation and all taxes. Nothing extra shall be paid on any account.	40.00	Kg		Kg	LMR
17	Charges for Making Anchor plates by erecting first segment in firm ground at site of work and cutting to required shape and making holes for bolts, labour charges for orienting and fixing assembly of 6 nos -16 mm dia anchor bolts in each of the 3 legs /pedestals of tower with the help of template, base plate and other base arrangements . A total of 18 numbers anchor bolts shall be oriented and fixed for each tower as per Specification. Rate includes cost of necessary scaffolding arrangement etc all complete as directed by the Engineer -in-charge (Base plate and Anchor bolts will be supplied by the Department)	1.00	job		One Job	LMR
18	Painting two or more coats with high gloss synthetic enamel paint of approved brand and colour over one coat of EITECH primer (BISION wash primer or equivalent) and second coat of Red oxide Zinc Chromate primer or equivalent of approved brand and colour to give an even shade to additional steel section /members/built-up assembly such as Horizontal gantry posts etc.,	210.00	Kg		Kg	LMR
19	Charges for hoisting/ fixing and erection of 18.00 mtrs height Roof Top structural Steel Tower as per Specification no. UTL/RTT/02-01 OCT 2011 with	1.00	job		One Job	LMR

all its necessary components Viz climbing ladder, platforms with railing and fixing with bolts, nuts, plain and spring washers. Cost includes necessary welding and alteration of any mismatching holes to the members wherever required complete in all respect as per direction of the Engineer -in-charge (NOTE: Rate includes cost of all operations involved in hoisting and erection of tower including hire and labour charges of tolls, plants and machineries all insurance, safety provision , contingent expenditure and acceptance testing etc all complete and nothing extra will be paid). Tower material shall be supplied by department at site. **(Weight about 3.60 MT) (Rs. 10,000/-** will be with held for acceptance of AT and will be released after completion of AT).

20	Applying priming coat with one coat of ready mixed Red oxied Zinc Chromate primer or equivalent of approved brand and manufacture for 18.00m Roof Top tower (weight about 3.60MT)	1.00 job	One Job	LMR
21	Applying priming coat with one coat of Etch primer (BISON wash primer or equivalent) approved brand and manufacture for 18.000m Roof Top tower (weight about 3.60MT).	1.00 job	One Job	LMR
22	Painting with High gloss synthetic enamel paint of approved brand and manufacture to give an even shade for 18.00m Roof Top tower (weight about 3.60MT). a) Two or more coats on new work.	1.00 job	One Job	LMR

23	Sorting of tower material at stores or site required for erection of 18.00 m Roof Top Tower in orderly manner as per bill of materials / erection as per Specification no. UTL/RTT/02-01 OCT 2011 from a lot of material of one tower and listing out the missing material, if any complete as directed by the Engineer-in-Charge. (Payment under this item shall be made only once for a tower material)	1.00 job	One Job	LMR
24	Mechanical transportation of dismantled 18.00mt Roof Top tower members comprising Galvanised Structural steel Tubus, MS angles , flats , plates, pipes nuts and bolts etc of varying sizes and lengths from BSNL stores Site at Bollaram, Hyderabad to work site at Shanthinagar, Miryalaguda in Nalgonda BA (app. distance about 140 Km.) or any other site in Nalgonda BA as directed . The entire lot of tower members shall be transported in a single lot . The Job includes cost of collection of all members with required lead, loading and unloading and lifting to terrace of (G+1) building at proposed 18.00mt RTT at Shanthinagar, Miryalaguda including all incidental charges etc. complete, as directed by engineer in charge.			
a)	Within the lead of 20.00Km.	1.00 job	One Job	LMR
b)	Extra over above item for transportation beyond the lead of 20.00 Km	120.00 Km	Kilometer	LMR

25	Drilling holes of upto 16mm dia in RCC slab/beam upto a depth 150 mm and embedding reinforcement in drilled holes including grouting the hole with FISCHER FISV Plus 360S Chemical injection mortar or approved equivalent to anchor the reinforcement excluding the cost of reinforcement as per direction of Engineer-in-Charge. (the work shall be carried out as per manufactures specification through the Applicator approved by the manufacturer)				
	a) For anchoring 16mm dia reinforcement	16.00	Nos	Each	LMR
26	Carting out of building rubbish / malba / similar unserviceable, dismantled, excavated or waste materials by mechanical means,through private carrier including lifting from terrace of (G+1) building, loading, transporting, unloading to municipal dumping ground beyond 50 m initial lead,or in any other compound as decided by the Engineer-in-charge, for all leads including all lifts involved.	6.50	Cum	One Cum	LMR

Total Rs.

Contractor

Executive Engineer (Civil),
BSNL Civil Division - II,
Hyderabad.