



BHARAT SANCHAR NIGAM LIMITED
(A GOVT OF INDIA ENTERPRISE)
(CIVIL WING)

TENDER DOCUMENT

NAME OF WORK: Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.

NAME OF CONTRACTOR

NIT No.: 21 RC /BSNL/CD-MMN/CHTD/2023-24

Dated : 28-02-2024

The Executive Engineer (C)
BSNL, Civil Division- MM Nagar
Chennai - 24

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Executive Engineer (C)
BSNL Civil Division-MM Nagar
Chennai-24.

IMPORTANT INSTRUCTIONS TO TENDERERS WHO HAVE DOWNLOADED THE TENDER DOCUMENT FROM WEB

The tenderers who have down loaded the tenders from the web, should read the following important instructions carefully before quoting the rates and submitting the tender documents:

1. The tenderer should see carefully & ensure that the complete tender document including schedule of quantities contains **22 pages** are down loaded fully.
2. The printout of tender document should be taken on A4 paper only & the printer settings etc.. are such that document is printed as appearing in the web & there is no change in format, number of pages etc..
3. The tenderer should ensure that no page in the down loaded tender document is missing.
4. The tenderer should ensure that all pages in the down loaded tender document are legible & clear & are printed on a good quality paper.
5. The tenderer should ensure that every page of the down-loaded tender document is signed by tenderer with stamp (seal).
6. The tenderer should ensure that the down loaded tender document is properly bound and sealed before submitting the same.
7. The loose / spiral bound and/or not properly sealed tenders shall be summarily rejected.
8. In case of any correction/addition/alteration/omission in the downloaded tender document, it shall be treated as non-responsive and shall be rejected.
9. The tenderer shall furnish a declaration to this effect that no correction/ addition/ alteration/ omission have been made in the tender document submitted and it is identical to the tender document appearing on Web-site.
10. The tenderer should read carefully & sign the declaration given on the next page before submitting the tender.
11. The cost of tenders should be submitted along with the EMD as detailed in NIT.
12. In case of any doubt in the down loaded tender, the same should be got clarified from the O/o the EXECUTIVE ENGINEER (Civil), BSNL CIVIL DIVISION MMNAGAR, CHENNAI -24 before submitting the tender.

CONTRACTOR

Executive Engineer (Civil)

DECLARATION

(TO BE GIVEN BY THE TENDERERS WHO HAVE DOWNLOADED THE TENDER DOCUMENT FROM THE WEB)

It is to certify that

- 1) I / We have submitted the tender in the proforma as downloaded directly from the website & there is no change in format, number of pages etc.
- 2) I/ We have submitted tender document which is same / identical as available on the website.
- 3) I / We have not made any correction/addition/alteration/omissionetc. in the tender document downloaded from web by me / us.
- 4) I / We have checked that no page is missing and all pages as per the index are available & that all pages of tender document submitted by me/us are clear & legible.
- 5) I / We have signed (with stamp) all the pages of the tender document before submitting the same.
- 6) I / We have sealed the tender document properly before submitting the same.
- 7) I / We have submitted the cost of tender along with the EMD as prescribed.
- 8) I have read carefully & understood "Important instructions to all tenderers" & " Important instructions to tenderers who have downloaded the tender document from the web".
- 9) In case at any stage later, it is found that there is difference in my/our downloaded tender document from the original, BSNL shall have the absolute right to take any action as deemed fit without any prior intimation to me / us.
- 10) In case at any stage later, it is found that there is difference in my/our downloaded tender document from the original, the tender / work will be cancelled and Earnest Money/ Security Deposit will be forfeited. The department will not pay any damages to me / us on this account.
- 11) In case at any stage later, it is found that there is difference in my/our downloaded tender document from the original, I / We may also be debarred for further participation in the tenders in the concerned BSNL Civil Zone & this would also render me / us liable to be removed from the approved list of contractors of the Department.

Dated

(CONTRACTOR)
(SIGN WITH SEAL)

BHARAT SANCHAR NIGAM LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

NOTICE INVITING TENDER

NIT No.:21 RC /BSNL/CD-MMN/CHTD/2023-24

Dated : 28-02-2024

Item rate tenders are invited on behalf of BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) from approved and eligible contractors of BSNL and non – BSNL registered contractors registered with other public works organizations like CPWD, State PWD(B&R), PWD (Irrigation), State PWD/Highways, D.O.P, M.E.S & Railways for the work **Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.**

1.1 The work is estimated to Cost **Rs.170933/- (Rupees One Lakh Seventy Thousand Nine Hundred Thirty Three only)**

1.2. Tenders will be issued to eligible contractors provided they produce proof of their valid enlistment with the appropriate authority and GST Registration Certificate.

1.2.1. Criteria of eligibility for issue of tender documents for non-BSNL registered contractors of public works organizations like CPWD, State PWD(B&R), PWD (Irrigation), State PWD/Highways, DOP, DOT,M.E.S & Railways only.

1.2.1.1. for works upto Rs 7lakhs – NIL

1.2.1.2. for works above Rs 7lakhs and upto Rs 5 crores and all specialised works irrespective of its cost, the applicant should have completed works as per details below during the last Seven years ending last day of the month previous to the one in which the tenders are invited.

a. Three similar completed works costing not less than the amount equal to NIL

or

b) Two similar completed works costing not less than the amount equal to NIL

or

c) One similar completed work costing not less than the amount equal to NIL

For the purpose of this clause 'similar works' means the work of Any type of **building construction works/ civil renovation works/ any kind of tower foundation & erection works** only.

2.0 Agreement shall be drawn with the successful Tenderer on prescribed Form No. BSNL W-8, which is available as a BSNL Publication/BSNL Web site www.tamilnadu.bsnl.co.in. Tenderer shall quote his rates as per various terms and conditions of the said form, (In case" Tender Documents" are downloaded from the BSNL Website in which rates/percentage are to be quoted should be properly bound and sealed) which will form part of the agreement.

PROFORMAS

- 3.0 The time allowed for carrying out the work will be **1 month** from the **3rd 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.
- 4.0 The site for the work is available.
- 5.0 The last date of receipt of applications for issue of tender forms (in prescribed format/can also be down loaded from BSNL website www.Chennai.bsnl.co.in and date of issue of tender forms will be as follows:
- i) Last date of receipt of application **05-03-2024** up to 16.00 hours
 - ii) Last date of issue of tender forms **06-03-2024**
- 6.0 Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of the contract to be complied with by the Contractor whose tender may be accepted and other necessary documents, can either be down loaded from the BSNL website www.tamilnadu.bsnl.co.in or be seen in the O/o THE EXECUTIVE ENGINEER (CIVIL), BSNL CIVIL DIVISION, 2NDFLOOR ,TELEPHONE QUARTERS, 3RD CROSS STREET, GANGA NAGAR, KODAMBAKKAM, CHENNAI – 600024 between 11.00 hours. & 16.00 hours from **29-02-2024 to 06-03-2024** every day except on Sundays and Public Holidays. Tender documents, excluding standard form, will be issued from his office, during the hours specified above on payment of the following: -
- i) **Rs.590/-(Rupees Five hundred Ninety only)** as cost of tender **including GST** (Non-refundable) in cash or Demand Drafts / Pay Orders of a Scheduled Bank drawn in favour of **BSNL, CHENNAI TELEPHONES**.
 - ii) The tender shall be accompanied by Earnest money of **Rs.3419/- (Rupees Three Thousand Four Hundred Nineteen Only)** in cash (upto Rs. 2500/-only)/Banker's cheque /deposit at call receipt of a scheduled bank/fixed deposit receipt of a scheduled bank/Demand draft of a Scheduled Bank issued in favour of **BSNL, CHENNAI TELEPHONES**. When amount of Earnest money is more than Rs. 5 lakhs, part of earnest money is acceptable in form of Bank Guarantee also. In such case, minimum 50% of earnest money (but not less than Rs. 5 Lakhs) or Rs. 25 lakh, whichever is less, will have to be deposited in the shape prescribed above. For balance amount of earnest money, bank guarantee will also be acceptable.
- 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. The "Cost of tender" and "Earnest money should be submitted through separate instruments.
- 7.0 Tenders, which should always be placed in sealed envelope, in the manner detailed at Para 9 below, will be received by the Executive Engineer, BSNL Civil Division-MMN, Chennai-24. up to **15.00 Hrs** on **07-03-2024** and will be opened by him or his authorized representative in his office on the same day at **15.30 Hrs**. After opening the main envelope 3, the envelope 1 containing the Earnest Money along with the cost of the tender as applicable and eligibility credentials shall be opened first. The envelope 2 containing tender shall be opened only for those tenderers who's Earnest Money, cost of tender and eligibility is found in order. The unopened tenders shall be returned to the tenderers after the final decision on the tender is reached.
8. The description of the work is as follows: - **Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.**

9. Submission of tender: - Tender shall be submitted in following manner.
- 9.1 In case the tender document is downloaded from BSNL website
- 9.1.1 'Earnest money plus cost of Tender and eligibility credentials' shall be placed in sealed envelope – 1. Marked "Earnest money plus cost of Tender and eligibility credentials".
- 9.1.2 The 'Tender' shall be placed in sealed envelope-2 and will be superscripted as "Tender"
- 9.1.3 The sealed envelope no 1 & 2 as above containing "Earnest money plus cost of Tender, Eligibility Credentials" and the "Tender" shall be placed in another sealed envelope-3.
- 9.1.4 All the three envelopes shall be superscripted with following data on it.
- i) Name of work
 - ii) Name of tenderer
 - iii) Last date of receipt of tender
- 9.2 In case tender document is purchased from Division office
- 9.2.1: Earnest Money Deposit in required format or proof of payment of EMD(if paid in cash)and copies of documents showing eligibility credentials to be placed in sealed envelope no. 1
- 9.2.2: Envelope no.2 will be as per Para 9.1.2.
- 9.2.3: The sealed envelopes 1 & 2 shall be placed in another sealed envelope no.3
- 9.2.4: Same as 9.1.4
- Note:-In case the eligibility credentials are not found in order at any stage i.e. before award of work or during the execution of work or after completion of the work, the contractor will be debarred from tendering in BSNL for three years including any other action under the contract or existing law.
- 9.3 The tender in which rates/percentage are to be quoted should be properly bound and sealed (**wax sealed/ adhesive tape sealed**). Loose/spiral bound submission (in case the tender is downloaded from website) shall be rejected out rightly. In case of any correction/addition/ alteration/ omission in tender document vis-à-vis tender document available on website shall be treated as non-responsive and shall be summarily rejected.
- 10 Copies of other drawings and documents pertaining to the work will be open for inspection by the tenderers at the office of the above-mentioned officer.
- 10.1 Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials tools & plants, water, electricity, access facilities for workers and on all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the

scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the BSNL and local conditions and other factors having a bearing on the execution of the work.

- 11 The competent authority on behalf of Bharat Sanchar Nigam Limited does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
- 12 Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- 13 The competent authority on behalf of the Bharat Sanchar Nigam Limited reserves with himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
- 14 The company or firm or any other person shall not be permitted to tender for works in BSNL Civil Zone in which his near relative (s) (directly recruited or on deputation in BSNL) is/are posted in any capacity either non-executive or executive employee. Near relative (s) for this purpose is/are defined as:
 - (i) Member of Hindu Undivided family (UHF).
 - (ii) They are Husband and Wife.
 - (iii) The one is related to other in the manner as father, mother, son(s) & Son's wife (daughter-in-law), Daughter(s), Daughter's husband (son-in-law), brother(s), brother's wife, sister(s), sister's husband (brother-in-law).

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 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 of 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.

15. 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.
16. The tender for the work shall remain open for acceptance for a period of **30 days** from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance/intent, whichever is earlier, or, makes any modifications in the terms and conditions of the tender which are not acceptable to the BSNL, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.
17. In case of works having estimated cost below Rs. **15,00,000/-**, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of award by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and tender cancelled. In case of works of estimated to cost Rs. **15,00,000/-** and above, the successful tenderer shall, upon issue of letter of acceptance of Tender, shall be required to furnish Performance Guarantee @ 5% of the tendered value in the form of irrevocable Bank Guarantee of requisite amount to the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of acceptance of Tender by the BSNL. In the event of failure on the part of the successful tenderer to furnish the Bank Guarantee within 15 days, the earnest money will be forfeited and tender cancelled.
18. 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 tender, and, as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - b) Standard BSNL W-8 as on website www.tamilnadu.bsnl.co.in
 - c) Agreement signed on non-judicial stamp paper as per Performa annexed to the tender document.
19. Payment to the contractors shall be made through e-payment system like ECS & EFT as detailed below: -

PROFORMAS

- (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.
20. First running account bill shall be paid only after
- (a) Signing of the Agreement/Contract by both the parties, and
 - (b) Progress chart has been prepared as required under Clause 5 and approved by the competent authority.
21. If a contractor after purchasing the tender does not quote consecutively on three occasions, the Contractor may be debarred for further purchase of tenders for a period of six months.
22. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on website www.tamilnadu.bsnl.co.in as well as in the Divisional/ Sub divisional Office.
23. The tenderer shall furnish a declaration to this effect (In case of downloaded tender) that no addition /deletion correction have been made in the tender document submitted and it is identical to the tender document appearing on website. Every page of down loaded tender shall be signed by the Tenderer with stamp (seal) of his firm/organization.

Signature and Name of Divisional Officer/Sub-Divisional Officer.

For & on behalf of Bharat Sanchar Nigam Limited

BHARAT SANCHAR NIGAM LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

STATE : TAMIL NADU

CIRCLE : CHIEF ENGINEER (C), BSNL, CHENNAI TELEPHONES

Zone : Chennai Telephones

DIVISION : BSNL Civil Division-MM Nagar, Chennai

SUB DIVISION: [BSNL Civil Sub Division, Guindy, Chennai.](#)

Item Rate Tender & Contract for Works

Tender for the work of: [Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.](#)

- (i) To be submitted by 15.00 hours on **07-03-2024** to the Executive Engineer(C), BSNL Civil Division –MM Nagar , BSNL Staff quarters, Ganga Nagar 3rd cross street, Kodambakkam, Chennai-24
- (ii) To be opened in presence of tenderer who may be present at 15.30 hours on the same day in the office of Executive Engineer, BSNL Civil Division II, Chennai - 8

Issued to: _____

(Contractor)

Signature of officer issuing the documents _____

Designation _____

Date of Issue _____.

T E N D E R

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

I/We hereby tender for the execution of the work specified 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 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.

PROFORMAS

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

I/We agree that, in case of works of estimated cost exceeding Rs.15, 00,000/-, to deposit an amount equal to 5% of Tendered value of the work as performance guarantee in the form of bond of any Scheduled Bank of India in accordance with the Performa prescribed or in the form of Fixed Deposit Receipt etc..., within 15 days of the issue of letter of acceptance of Tender by the 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 authorised 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.

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

I/We agree that this contract is subject to jurisdiction of court at **CHENNAI** only.

Dated.....

Witness:
Address:
Occupation:

(_____)
Signature of Contractor

Postal Address: -

ACCEPTANCE

The above tender (as modified by you (Contractor) and as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Bharat Sanchar Nigam Limited for a sum of

Rs. _____ (Rupees _____
_____)

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

- (a)
- (b)
- (c)

For & on behalf of the Bharat Sanchar Nigam Limited.

Signature _____

Dated.....
Name and Designation

PROFORMA OF SCHEDULES

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

SCHEDULE "A" ATTACHED

Schedule of Quantities (as per PWD-3)

SCHEDULE "B"

Schedule of Materials to be issued to the contractor

S. No.	Description of Item	Quantity	Rates in figures & words at which the materials will be charged from the contractor	Place of issue
1	2	3	4	5
NIL				

SCHEDULE "C"

Tools and Plants to be hired to the contractor

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

SCHEDULE "D"

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

1.

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"	75 %
Component of Labour expressed as percent of Total Value of Work	"Y"	25 %
Component of POL expressed as percent of Total Value of Work	"Z"	0 %

SCHEDULE "F"

Reference to General Conditions of Contract

PROFORMAS

Name of Work : Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.

Estimated cost of Work : Rs.170933/- (Rupees One Lakh Seventy Thousand Nine Hundred Thirty Three only)

Earnest Money : Rs.3419/- (Rupees Three Thousand Four Hundred Nineteen Only)

Performance Guarantee
(5 % of the tendered value in the form of Bank Guarantee from Scheduled Bank in respect of works with estimated cost put to tender exceeding Rs. 15 Lakhs)

Rs. _____ (Rupees _____
_____ only)

Security Deposit
(10 % of the tendered value for works with estimated cost put to tender up to Rs. 15 Lakhs) (5 % of the tendered value in the form of Bank Guarantee from Scheduled Bank in respect of works with estimated cost put to tender exceeding Rs. 15 Lakhs)

Rs. _____ (Rupees _____
_____ only)

GENERAL RULES AND DIRECTIONS

Officer inviting tender Executive Engineer(C), BSNL CD II ,Chennai - 24

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3 **50%**

Definitions **See below**

2(v)	Engineer-in charge	Executive Engineer(C), BSNL CD-MMN ,Chennai - 24
2(viii)	Accepting Authority	Executive Engineer(C), BSNL CD-MMN ,Chennai - 24
2(xi)	Standard Schedule of Rates	C.P.W.D- DELHI SCHEDULE OF RATES 2021 with reduction factor of 110/115 with upto date correction slips.
9(ii)	Standard BSNL Contract Form	BSNL W 8 form as modified and corrected upto date .

PROFORMAS

Clause 2

Authority for fixing compensation under Clause 2

Executive Engineer(C),
BSNL CD-MMN ,Chennai - 24

Clause 2 A

Whether Clause 2A shall be applicable

No

Clause 3 A

Whether Clause 3A shall be applicable

No

Clause 5

- i) Time allowed for execution of work.
- ii) Authority to give fair and reasonable extension of time for completion of work.

1 month

Executive Engineer(C),
BSNL CD-MMN,Chennai - 24

Clause 6 A

Whether Clause 6A shall be applicable

No

Clause 7

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.

Not applicable

Clause 10

Reinforcement steel to be used in the work shall have to be procured as below :
a) TMT bars Manufactured by secondary Producers.

Clause 11

Specification to be followed for execution of work.

CPWD Specifications 2019 Volume I and Volume II 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 apply and clauses 12.2.& 12.3 shall apply

50%

Clause 16

Competent authority for deciding reduced rates.

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Clause 36(i)

General guidelines for fixing requirement of technical staff and rate of recovery in case of non-compliance, for a work shall be as per the following table:

S. No.	Minimum qualification of Technical representative	Discipline	Designation (Principal Technical representative)	Minimum experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words

Clause 37

(i)

Extent of **Taxes** payable by **contractor** **Tenderer shall include GST 18% and Construction Workers Welfare Cess 1% in their quoted rates.**

Clause 42

i) (a) Schedule / statement for determining theoretical quantities of cement on the basis of Delhi schedule of rates 2013 printed by CPWD 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 for escalation & recoveries

Sl.No	Material	Star Price (Rate in Figures and words)
1	For Cement (OPC - 43 Grade)	Rs. 8200 /- Per MT
2(a)	For Reinforcement Steel TMT of grade Fe 415	Rs. 42000 /- Per MT
2(b)	For Reinforcement Steel TMT of grade Fe 500	Rs. 44000 /- Per MT

The rate for recovery under clause 42 shall be same as the Star Price.

SCHEDULE OF QUANTITIES

Name of work : Providing PVC water storage tank and other repair works in TE building, ADYAR, Chennai.

S.No.	Description of Items	Quantity	Rate	Unit	Amount
1	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	3000.00 Ltr		One Litre	
2	Shifting of existing PVC storage tank in the same floor and placing the same at required place all complete.				
a)	3000 Litres capacity	1.00 job		Each	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering. All work upto plinth level.				
i)	1:4:8 (1 cement:4 M sand:8 graded stone aggregate 40mm nominal size)	0.20 cum		One Cubic Metre	
4	Providing and laying factory made Precast concrete solid blocks of 200 mm thickness of grade M10 made of C&D waste from approved manufacturer in superstructure above plinth level up to floor V level				
a)	Cement mortar 1:6 (1 cement : 6 M sand)	0.50 Cum		One Cubic Metre	
5	Centring and shuttering including strutting, propping etc. and removal of form for:				
a)	Suspended floors, roofs, landings, balconies and access platform.	10.00 sqm		One Square Metre	
6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
a)	Thermo Mechanically Treated Bars	40.00 kg		One Kilo gram	

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7	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 M sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	1.00	Cum	One Cubic Metre
8	12 mm cement plaster of mix :			
a)	1:6 (1 cement: 6 fine sand)	13.00	Sqm	One Square Metre
9	15 mm cement plaster on the rough side of single or half brick wall of mix :			
a)	1:6 (1 cement: 6 fine sand)	6.00	Sqm	One Square Metre
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground , all complete as per directions of Engineer-In-Charge.			
a)	With cement mortar 1:4 (1 cement : 4 fine sand).	7.00	Sqm	One Square Metre
11	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes within 50 metres lead as per direction of Engineer- in-Charge.			
a)	Internal Work - Exposed on wall	10.00	m	One Metre

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12	Supplying and fixing UPVC pipe (schedule 40) of Supreme or Finolex or equivalent including fittings such as tee, elbow, nipple, coupling, reducer, pipe clips, tank connector, end cap, threaded plug, bend, special clamps, bypass bend including with necessary brass inserts wherever required for fixing fittings, joining the pipe system as per manufacturer's specification and testing to withstand the required hydraulic pressure including cutting and making good the walls etc wherever required all complete as directed by the Engineer-in-charge.			
	a) Exposed on wall / ceiling / terrace including fixing arrangement.			
	i) 32mm nominal bore	30.00	m	One metre
	ii) 25mm nominal bore	25.00	m	One metre
13	Providing and fixing UPVC ball Valve with handle (New Work) all complete as directed by the Engineer-in-charge.			
	i) 32mm nominal bore	3.00	Nos.	Each
	ii) 25 mm nominal bore	3.00	Nos.	Each
14	Providing and fixing UPVC extension nipple of approved make and quality as per direction of Engineer-in-charge			
	a) 32mm diameter	8.00	Nos.	Each
15	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :			
	a) 25 to 40 mm nominal bore	5.00	Nos.	Each

16 Cleaning manhole chamber, removing the stagnated sewage water/ sludge, dust, silt, waste soil etc. and disposal of removed materials within 50m lead by taking earth pit and finally flushing the manhole with plenty of water to prepare the manhole to function properly. Due Care shall be taken while operating/ entering the manholes from direct inhaling of poisonous gases if any etc.all complete as directed .

a) All sizes of Manhole chambers 5.00 Nos Each

17 Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge. 1.00 No. Each

18 Supplying and filling brick jelly under floors including levelling, compacting and finishing the top with cement mortar 1:6 (1 cement : 6 M sand) 0.5 cum One cubic Metre

19 Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Vitreous china clay P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:

a) White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests 1.00 No. Each

20 Providing and laying Ceramic glazed floor tiles of size 300x300 mm(thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement :4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc..., complete. 2.00 Sqm One Square Metre

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21	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 M sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	4.00	Sqm	One Square Metre
22	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.			
a)	Flexible pipe			
i)	32 mm dia	3.00	Nos.	Each
23	Providing and fixing unplasticised PVC connection pipe with brass unions :			
a)	30 cm length			
i)	15 mm nominal bore	3.00	Nos.	Each
24	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:			
a)	15 mm nominal bore.	2.00	Nos.	Each
25	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 :			
a)	15mm nominal bore	2.00	Nos.	Each
26	Providing and fixing C.P. brass pillar cock of approved quality :			
a)	15 mm nominal bore	2.00	Nos.	Each
	TOTAL			=Rs. _____

Contractor

EE(Civil)