|  |  |  |
| --- | --- | --- |
| ‘NOTICE INVITING TENDER |  | BSNL |



*(A Govt. of India Enterprise)*

**(Civil Wing)**

**O/o the Executive Engineer (C),**

**BSNL, Civil Division Raipur, 492009.**

T E N D E R D O C U M E N T

FOR THE WORK - Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur.

**NIT No: 13/ 2021-22/ CD / RYP / II-Ryp Dated: 16/12/2021**

Name of Contractor ……………………………………………

***BSNL Civil Division Raipur***

***Date of Application :- 06/01/2022***

***Date of Issue :- 07/01/2022***

***Date of Opening :- 10/01/2022***

|  |  |  |
| --- | --- | --- |
| NOTICE INVITING TENDER |  | BSNL |

**I N D E X**

**Name of work**: -Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur.

|  |  |  |  |
| --- | --- | --- | --- |
| SL. NO. | DETAILS | PAGES | |
| FROM | TO |
| 1) | Cover Page | 1 | 1 |
| 2) | Index | 2 | 2 |
| 3) | Important instructions to all tenderers | 3 | 3 |
| 4) | Important instructions to all tenderers who have downloaded the tender document from web | 3 | 3 |
| 5) | Declaration (to be given by tenderers who have downloaded the tender document from web) | 4 | 4 |
| 6) | BSNLW-6 (NOTICE INVITING TENDER) | 5 | 8 |
| 7) | Application Form | 9 | 9 |
| 8) | Undertaking for No near relative in BSNL | 10 | 10 |
| 9) | Eligibility document, checklist for enclosures (to be placed inside envelope  No-1) | 11 | 11 |
| 10) | BSNL W-7/8 (Abridged form) /Acceptance | 12 | 13 |
| 11) | Performa for Schedules A to F | 14 | 17 |
| 12) | Performa of Agreement | 18 | 18 |
| 13) | Form of Performance Security Bank Guarantee Bond | 19 | 19 |
| 14) | Additional Conditions, Additional and Particular Specifications | 20 | 31 |
| 15) | Certificate to be given by the Contractor regarding EPF UNDERTAKING FOR E.S.I.C. | 32 | 32 |
| 16) | Schedule of Quantity | 33 | **34** |

This N.I.T. / agreement contains **35 Thirty Five** only pages marked as Page 1 to **35**

**Executive Engineer (C)**

**BSNL Civil Division Raipur, (C.G.)**

|  |  |  |
| --- | --- | --- |
| NOTICE INVITING TENDER |  | BSNL |

**IMPORTANT INSTRUCTIONS TO ALL TENDERERS**

**All tenderer should read the following important instructions carefully before actually quoting rates:-**

1. The tenderers should read carefully & understand **Tender form BSNL W-8, Bharat Sanchar Nigam Limited “General Conditions of Contract for Civil Works with up to date correction Slip, Schedule of quantity etc.** before quoting for the rates of work shall form part of the agreement to be drawn and signed by the both parties after acceptance of tender. The Standard Form shall be available in downloadable manner from website http://www.civil.bsnl.co.in.

2. The schedule of items, estimated cost etc in this contract are based on CPWD DSR 2019and latest CPWD Specifications 2012.

3. The tenderers **who have downloaded the tender document from the web** should read the important instructions & declaration given in pages **‘3’, ‘4’, ‘6’ & ‘10’** carefully before submitting the tenders.

**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 actually quoting the rates & submitting the tender documents:-

1. The tenderer should see carefully & ensure that the complete tender document including schedule of quantity as per the index given on page ‘2’ has been down loaded and there are **1 to 35(one to Thirty Five)** pages only in the tender document.

2. The printout of tender document should be taken on A 4 Size paper only & the printer settings etc are such that document is printed as appearing in the web & there is no change in formatting, 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 and 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. On page ‘4’ of the down loaded tender document, the name of the tendered should be filled by the tenderer.

7. The tenderer should ensure that the down loaded tender document is properly bound and sealed before submitting the same.

8. The loose / spiral bound tenders not properly sealed shall be rejected out-rightly.

9. In case of any correction/addition/alteration/omission in the tender document, it shall be treated as non-responsive and shall be rejected.

10. The tenderer shall furnish a declaration to this effect that no addition/ deletion/corrections have been made in the tender document submitted and it is identical to the tender document appearing on Web-site.

11. The tenderer should read carefully & sign the declaration given on the next page before submitting the tender.

12. The cost of tender should be submitted along with the EMD as detailed in NIT.

13. In case of any doubt in the down loaded tender, the same should be got clarified from the O/o The Executive Engineer (C) BSNL Civil Division Raipur,(C.G.)before submitting the tender.

14. The Agency will have valid registration Number from employee state insurance corporation under employees state insurance Act 1948 .

**D E C L A R A T I O N**

**(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 tenders in the Performa as downloaded directly from the website & there is no change in formatting, number of pages etc.

2) I/ We have submitted tender documents which is same / identical as available in the website.

3) I / We have not made any modification / corrections / additions etc in the tender documents 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 documents properly before submitting the same.

7) I / We have submitted the cost of tender along with the EMD.

8) I have read carefully & understood the important instructions to the all renderers & to tenderers who have down loaded the tenders from the web.

9) In case at any stage later, it is found there is difference in our downloaded tender documents 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 there is difference in our downloaded tender documents from the original, the tender / work will be cancelled and Earnest Money / Security Deposit will be forfeited at any stage whenever it is so noticed. The department will not pay any damages to me / us on this account.

11) In case at any stage later, it is found there is difference in our downloaded tender documents from the original, I / We may also be debarred for further participation in the tender in the concerned BSNL Civil Zone & would also render me / us liable to be removed from the approved list of contractors of the Department.

Dated ……………………… (CONTRACTOR)

(SIGN WITH SEAL)

|  |  |  |
| --- | --- | --- |
| NOTICE INVITING TENDER |  | BSNL |

**BSNL W-6**

**BHARAT SANCHAR NIGAM LIMITED**

**( A Government of India Enterprise)**

**( CIVIL WING )**

**NOTICE INVITING TENDER**

NIT No **: 13/ 2021-22/ CD / RYP /I-Ryp Dated: 16.12.2021**

Item rate tenders are invited on behalf of the BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) from approved and eligible contractors of D.O.T./B.S.N.L.(Civil Wing), and those of CPWD, Chhattisgarh PWD, DOP, MES, CPWD & Railways of appropriate class for the work of:-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl No | NIT No. | Name of work | Estimated Cost (Rs.) | EMD (Rs.) | Time Period |
| 1. | **13/2021-22/ CD / RYP/II-Ryp** | Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur. | 84700/- | 1700/- | 2 Month |

1.1 The work is estimated to Cost -Rs.84700**/- (Rs. Eighty Four Thousand Seven hundead ) Only.**

1.2 Tenders will be issued to eligible contractors provided they produce proof of their valid enlistment with the appropriate authority. Applicant shall submit valid registration document. The attested copies of certificates, testimonials and satisfactory completion certificates of works, from the department concerned, obtained from an officer not below the rank of Executive Engineer, in charge of work, shall be submitted while applying for participation in tender / issue of tender forms for the work. He / they shall submit attested copies of **Goods & Service Tax registration Certificate** issued by the Central Excise Department Govt. of India on acceptance of tender.

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), DOP, MES & Railways only.

1.2.1.1 For works upto Rs. 7 lakhs – NIL

1. 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.chhattisgarh.bsnl.co.in**](http://www.chhattisgarh.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 are to be quoted should be properly bound and sealed) which will form part of the agreement.

3.0 The time allowed for carrying out the work will be **2 Month** from the **7th** (Seventh) day after the date

of issue of letter of award of work, or from the first day of handing over of the site, which ever is later, in accordance with phasing, if any, indicated in the Tender Document.

4.0 The site for the work shall be made available at the time execution.

5.0 The last date of receipt of application for issue of Tender forms (in prescribed format can also be downloaded from BSNL web site “www.chhattisgarh.bsnl.co.in” and date of issue of tender forms will be as follows:

i) Last date of receipt of application 06/01/2022up to **1600 Hrs.**

ii) Last date of issue of tender forms -07.01.2022 up to **1600 Hrs.**

6.0 Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and 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 downloaded from the BSNL website “www.chhattisgarh.bsnl.co.in” or be seen in the office of The Executive Engineer (C) BSNL Civil Division Raipur, (C.G.) between 11:00 hours. & 16:00 hours from **17/12/2021** to **07/01/2022** everyday 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.

1. **Rs**.**590/-** **(Including GST)** in DD/Bankers cheque as cost of tender (Non Refundable) drawn in favour of **Accounts Officer( Cash), O/O the GMTD BSNL, RAIPUR , payable at RAIPUR (C.G.).**

ii) Earnest money of Rs. **1700 /-** only has been deposited in prescribed manner as Bankers 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 **Accounts Officer( Cash), O/O the GMTD BSNL, RAIPUR , payable at RAIPUR (C.G.).**

iii) The tender shall be accompanied by Earnest Money along with cost of tender, if not paid earlier as in

the case of downloaded tender from Website in the form as detailed at sub Para ii ) above.

***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.***

7.0 Tenders, which should always be placed in sealed envelope, in the manner detailed at para 9 below, will be received by the The **Executive Engineer (C) BSNL Civil Division Raipur, (C.G.)** up **to 15.00 Hrs. on 10/01/2022**and will be opened by him or his authorized representative in his office on 10/12/2021 at **15:30 Hrs**. After opening the main envelope-3, the envelope-1 containing the Earnest money along with the cost of the tender as applicable and eligibility credentials shall be opened first. The envelope-2 containing tender shall be opened only for those tenderers whose Earnest Money, Cost of tender and eligibility is found in order. The unopened tenders shall be returned to the tenderers after the final decision on the tender is reached.

8.0 The description of the work is as follows:-

Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur.

9.0 Submission of Tender :

Tender shall be submitted in following manner:

9.1 In case the tender document is down loaded form BSNL website.

**9.1.1** “**Earnest Money, Cost of Tender, Application form, Declaration, Eligibility credentials as mentioned in Check List and Check List duly signed” 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 form Div/Sub-Div. office.

9.2.1 Proof for paying the cost of tender documents, proof of payment of EMD 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 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.

9.3 The tender in which rates are to be quoted should be properly bound and sealed. Loose/spiral bound submission (in case the tender is down loaded 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.

10.0 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 subsoil (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 mis-understanding 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.

11.0 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.

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

13.0 The competent authority on behalf of the BHARAT SANCHAR NIGAM LIMITED reserves with himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to Perform the same at the rate quoted.

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

1. 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 nonofficial part time Directors appointed by Govt. of India or the Governor of the State are excluded from the purview of submission of this certificate while submitting tenders by Limited Companies.

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

15.0 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.

16.0 The tender for the work shall remain open for acceptance for a period of **30 (Thirty)** 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.

17.0 In case of works having estimated cost below Rs.15,00,000/, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the performa annexed to the tender document, within 15 days of the issue of letter of award by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and tender cancelled.

18.0 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. On issue of letter of award, the successful Tenderer / Contractor shall, within 15 days from such date, formally sign the agreement consisting of:-

a) The Notice Inviting Tender, all the documents including additional conditional 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.chhattisgarh.bsnl.co.in](http://www.chhattisgarh.bsnl.co.in)

c) Agreement signed on non judicial stamp paper as per Performa annexed to the tender document.

19.0 Payment to the contractors shall be made through e-payment system like ECS & EFT as detailed below:-

(a) In cities/areas where ECS/EFT facility is provided by Banks, the tenderer must have Account in such ECS/EFT facility providing Banks and that Bank A/c No shall be quoted in the tender by the tenderer.

(b) The cost of ECS/EFT will be borne by BSNL in all cases where the payment to contractor is made in a local Branch i.e. tenderer is having bank account in the same place from where the payment is made by BSNL unit.

(c) In case payment is made to outside branch i.e. tenderer is having back account not in the same place form 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 be made through ECS/EFT.

(e) The payment can also be made by cheque if so desired.

20.0 First running account bill shall be paid only after

1. 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.

21.0 **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.**

22.0 General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on website “www.chhattisgarh.bsnl.co.in” as well as in the Divisional Office.

23.0 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 tender with stamp (seal) of his firm / organization.

**24.0 The rates quoted by the agency shall be inclusive of all types of taxes / levies / duty by**

**the Govt. including Cess, excluding Goods & Service Tax ( up to the extent mentioned in under Clause-37(i) of Schedule ‘F’ ) etc. and nothing extra shall be payable on such account.**

1. **The rates quoted by the agency shall also be inclusive of 1 % (one percent) cess as**

**applicable on the building and other construction works as per Chhattisgarh Buildings & Other Construction Workers Cess Act and shall be recovered from running / final bill.**

1. **Successful contractor shall comply with the conditions of relevant EPF & ESI Act including maintaining, producing and submitting various documents when demanded showing details of employees / labours engaged, duration of their engagement, amount of wages paid to such labours / employees for the relevant period, amount of EPF contribution (both employees / labours’ contribution) for the duration of engagement and proof of payment of the same to concerned EPF authority. Contractor will have to obtain EPF clearance from the concerned EPF authority before payment of final bill.**

25.0 The contractor shall have to fully abide by the relevant provision of Employee’s Provident Fund and Miscellaneous Provisions Act 1952, amended from time to time and they have they have to obtain and produce EPF registration within one month of award of work. First payment shall be made to the contractor only when he submits his valid EPF registration.

1. If there happens to be holiday on any dates mentioned above then the transactions will be made on next working day.

Signature:-

**Executive Engineer (C)**

**BSNL Civil Division Raipur, (C.G.)**

For & on behalf of the BHARAT SANCHAR NIGAM LIMITED

APPLICATION FORM FOR PARTICIPATION IN TENDER.

To

The Executive Engineer (C)

BSNL Civil Division Raipur, (C.G.)

**Subject:-** Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur.

I/We am/are registered with the BSNL, DOP, CPWD, MES, Railways, CG State PWD

B&R and its allied Department, as Class …… .. contractor and my Registration No. is ……… …………..………….. ……………. ……………… I am eligible to submit tenders for works costing upto Rs. ………………Lakhs. The proof of having completed the works of requisite magnitude as per NIT condition from appropriate authority is enclosed herewith.

I/We am/are submitting the application for and behalf of Central/State Govt. undertaking. The proof of having completed the works of requisite magnitude as per NIT condition from appropriate authority is enclosed herewith.

I/We am/are eligible to submit tenders as specialized agency. The proof of having completed the works of requisite magnitude as per NIT condition from appropriate authority is enclosed herewith.

I/We…………….………………………..…..s/o Sh…………………….…………….

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 out that 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.

It is certified (confirmed) that this registration is valid as on date and I shall inform the department myself as soon as my registration expires or is cancelled/revoked.

I/We will produce the original documents of all the copies of credentials submitted herewith when ever required by the BSNL.

It is requested that we may be allowed to take part in the tendering (Financial bid).

Yours faithfully

(CONTRACTOR)

(Contractor’s signature along with seal)

NAME: ………………………………………

ADDRESS: …………………………………

…………………………………

PHONE NOS. WITH STD CODE . . . . . . .

MOBILE NOS…………………………..

E-MAIL: ……………………………………

**NOTE**:- Please strike off which is not applicable.

**UNDERTAKING FOR NO NEAR RELATIVE IN BSNL, CHHATTISGARH**

**(TO BE GIVEN BY EVERY TENDERER**)

I/We…………………………..S/o Sh…………………………………………………………………Resident of ………………………………………hereby certify that none of my near relative (s) as under is / are employed in territorial jurisdiction of BSNL Telecom Circle, Chhattisgarh in any capacity i.e. either Non-Executive or Executive employee.

1. Members of a Hindu undivided family.
2. Husband/ wife
3. Father
4. Mother
5. Son(s)
6. Son’s wife (Daughter-in-law)
7. Daughter(s)
8. Daughter’s husband (Son-in-law)
9. Brother
10. Brother’s wife
11. Sister(s)
12. Sister’s Husband (Brother-in-law)

In case at any stage, it is found out that information given by me is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit without any prior intimation to me.

**Signature of Tenderer**

**Note:**

**In case of a partnership firm this**

**Certificate is to be signed by all**

**Partners / directors of the company.**

**Signature of Partners / Directors**

**1.**

**2.**

**3.**

**4.**

**BHARAT SANCHAR NIGAM LIMITED**

**(A Govt. of India Enterprises)**

**O/oThe Executive Engineer (C) BSNL Civil Division Raipur, (C.G.)**

**CHECK LIST**

**Eligibility Credentials ( To be placed in envelop No-1 )**

Please check that the following documents have been enclosed along with the application:-

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Document** | **Attached \* Yes / No** |
| 1 | Attested copy of the registration / enlistment with DOT/ BSNL and Non –BSNL registered Contractors of Public works organizations like CPWD, State PWD (B&R), DOP, M.E.S. and Railways. |  |
| 2 | Attested copy of the Valid GST registration. |  |
| 3 | The proof of having completed the works of requisite magnitude as per NIT condition from appropriate authority. |  |
| 4 | Attested Copy of Partnership deed in case of partnership firm & Article Memorandum of Association and certificate of incorporation in case of a Company. |  |
| 5 | Attested copy of Power of Attorney of signatory of the Tender/ Attested copy of proof of authority to sign the tender. |  |
| 6 | Tender Cost & EMD as detailed in the Notice Inviting Tender has been enclosed. |  |
| 7 | Employee Provident Fund Registration number  (As per applicability). |  |
| 8 | ESIC Registration Number .  (As per applicability). |  |
| 9 | Application for participations in tender along with declaration. Regarding no near relatives in BSNL. |  |
| 10 | All the pages of application and enclosures have been duly numbered and signed by authorized signatory. |  |

(\*Strike out in applicable portion)

Date: ……… Place………..

Phone No:- **Signature of Applicant:-**

**Name of Agency:-**

**Address:-**

**ABRIDGED FORM BSNL W - 8**

**BHARAT SANCHAR NIGAM LIMITED**

**(A Government of India Enterprise)**

STATE—CG BSNL CIVIL CIRCLE, RAIPUR (CG)

BSNL CIVIL DIVISION, RAIPUR

ZONE—CG BSNL CIVIL SUB DIVN. **No-II Raipur**

**Item Rate Tender & Contract for Work**

Tender for the work of : Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur.

(i) To be submitted by 15.00 hours 10/01/2022 to The Executive Engineer (C) BSNL Civil Division Raipur, (C.G.)

(ii) To be opened in presence of tenderers who may be present at 15.30 hours on 10/01/2022 in the office of **The Executive Engineer (C) BSNL Civil Division Raipur, (C.G.)**

if the eligibility credentials of all tenderers in envelope-1 are found in order. If the eligibility credentials are required to be clarified / verified, then the envelope-2 of all tenderers containing the tender document will be opened on later date to be intimated at the time of opening of tender.

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 the 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 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. **1700/-**  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, upto 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 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 RAIPUR only.”**

Dated : ………………….

Witness : …………… (…………….…..…….)

Address : …………... Signature of contractor

Occupation : ………….. Postal Address : …………..

## A C C E P T A N C E

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

………………… …………………….……… …… ……… ………………only).

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

(a)

(b)

Executive Engineer (C)

BSNL Civil Division Raipur, (C.G.)

For & on behalf of Bharat Sanchar Nigam Limited

Signature ……………………………….

Dated ……………… Name and designation …………….

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TENDER AND CONTRACT BSNL** | | | | | | | | | |
| **PROFORMA OF SCHEDULES**  **(Operative Schedules to be supplied separately to each of the intending tenderer**) | | | | | | | | | |
| **SCHEDULE “A”** | | | | | | | | | |
| Schedule of Quantities (as per PWD – 3) **: Enclosed Page No. 33-35** | | | | | | | | | |
| **SCHEDULE “B”** | | | | | | | | | |
| Schedule of Materials to be issued to the contractor : NIL. | | | | | | | | | |
| S. No. | Description of  Item | | Quantity | | | Rates in figures & words at which the materials will be charged from the contractor | | | Place of issue |
| 1 | 2 | | 3 | | | 4 | | | 5 |
| **………………………………………………..NIL……………………………………………………** | | | | | | | | | |
| **SCHEDULE “C”** | | | | | | | | | |
| Tools and Plants to be hired to the contractor | | | | | | | | | |
| S. No. | | Description of Item | | Hire charges per day | | | Place of issue | | |
| 1 | | 2 | | 3 | | | 4 | | |
| **………………………………………………..NIL……………………………………………………** | | | | | | | | | |
| **SCHEDULE “D”**  Extra schedule for specific requirements / documents for the work. If any.  1. Correction slip 5 **Page no. -- to --**  2. Special Conditions – **Page no -- to --**  3. List of Preferred makes- **Page No -- to --** | | | | | | | | | |
| **SCHEDULE “E”** | | | | | | | | | |
| No escalation is permissible for the work; | | | | | | | | | |
| **CLAUSE 10 : CLAUSE 10 C Not Applicable**  **CLAUSE 10 CA Not Applicable** | | | | | | | | | |
| 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** | | | | | | | | | | | |
| Name of Work | | | | | Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur. | | | | | | |
| Estimated cost of Work | | | | | **Rs. 84700/- (Rs. Eighty Four Thousand Seven Hundread )Only.** | | | | | | |
| Earnest Money | | | | | **Rs1700/-** | | | | | | |
| **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.15,00,000/-  ( Rs. Fifteen Lacs ) | | | | | N/A | | | | | | |
| **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 respect of works with estimated cost put to tender exceeding Rs. 15,00,000/-  ( Rs. Fifteen Lacs ) | | | | | Rs ………………………………    ( Rupees). \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    Only). | | | | | | |
| **GENERAL RULES AND DIRECTIONS** | | | | | | | | | | | |
| Officers inviting tender | | | | | | | **Executive Engineer (C) BSNL Civil Division, Raipur (C.G.)** | | | | |
| 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% ( Fifty Percent)** | | | | |
| **Definitions** | | | | | | **See below** | | | | | |
| Engineer-in charge | | | | | | **ExecutiveExecutive Engineer (C) BSNL Civil Division Raipur, (C.G.)** | | | | | |
| Accepting Authority | | | | | | **Executive Engineer (C) BSNL Civil Division Raipur, (C.G.)** | | | | | |
| Percentage on cost of materials and Labour to cover all Overheads and profit | | | | | | 10% (Ten Percent) | | | | | |
| Standard Schedule of Rates | | | | | | **DSR-2019**PUBLISHED BY CPWD with upto date correction slips as on the  date of opening of tenders. | | | | | |
| Standard BSNL Contract Form | | | | | | BSNL W-**8** form as modified and corrected upto the  date opening of tenders. | | | | | |
| **Clause 2** | | | | | | | | | | | |
| Authority for fixing compensation  under Clause 2 | | | | | | | Executive Engineer (Civil),  BSNL, Civil Division Raipur. | | | | |
| **Clause 2A** | | | | | | | | | | | |
| Whether Clause 2 A shall be Applicable | | | | | | | NO. | | | | |
| **Clause 5** | | | | | | | | | | | |
| Time allowed for execution of work. | | | | | | | 2 Month | | | | |
| Authority to give fair and reasonable extension of time for  completion of work. | | | | | | | Executive Engineer (Civil),  BSNL, Civil Division Raipur. | | | | |
| **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. | | | | | | | **Rs. 50,000/- .** | | | | |
| **Clause 10** | | | | | | | | | | | |
| Reinforcement steel to be used in the work shall have to be procured from | | | | | | | | TMT bars manufactured by the Secondary bulk producers. | | | |
| Cement to be used in the work | | | | | | | | Portland Pozzolana Cement produced by ACC, Ultratech, Ambuja, Birla Gold, JP, Lafarge etc. | | | |
| **Clause 11** | | | | | | | | | | | |
| Specification to be followed for  execution of work. | | | | | | | | CPWD Specifications 2012. | | | |
| **Clause 12** | | | | | | | | | | | |
| 12.2 &  12.3 | | | | Limit for value of any item  of any individual trade beyond which clauses  12.2. & 12.3 shall apply. | | | | **50% (Fifty Percent).** | | | |
| **Clause 16** | | | | | | | | | | | |
| Competent authority for deciding  Reduced rates. | | | | | | | | | Superintending Engineer (C), BSNL Civil Circle,  Raipur (CG). | | |
| **Clause 25** | | | | | | | | | DELETED | | |
| **Clause 36(i)** | | | | | | | | | | | | |
|  | | General guideline for fixing requirement of technical staff and rate of recovery in case of non-compliance, for a work, shall be as per the following table:   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | S.No | Minimum qualification of Technical  Representative | Discipline | Designation (Principal Technical/ 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 | | 1  . | Graduate Engineer  Or  Diploma Engineer | Civil Engineering | Project Planning / Site / Billing Engineer | 2 years  5 years | 1 (One) | 15,000/- | Fifteen Thousand only. |   \* To be filled up by NIT approving authority as per latest provision of Appendix-18b of CPWD Works Manual. | | | | | | | | | | |
| **Clause 37(i)** | | | | | | | | | | | | |
| **Goods & Service Tax** (GST) 18% of Total Work done payable by **Contractor** for Building and Construction Works. | | | | | | | | | 100% of total Goods & Service Tax (GST) excluded in rates. | | | |
| **Clause 42** | | | | | | | | | | | | | |
| i) | | Schedule / statement for determining theoretical quantities of cement on the basis of DSR-2018 Printed by CPWD with up to date correction slips as on the date of opening of tenders. | | | | | | | | | | | |
| 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 Rs. 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 and recoveries for less use beyond permissible variation**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Description of Item** | **Star Price**  **Rate in Figures and Words** |
| 1 | Cement | Rs. **5700.00/-** per Metric Tonne |
| 2 (a) | Mild steel | - |
| 2 (b) | Reinforcement Steel conforming to BIS 1786 (Fe 415 Grade) | Rs. **--- X ---** per Metric Tonne |
| 2 (c) | Reinforcement Steel TMT BARS conforming to BIS …………. | Rs. **42733/-** per Metric Tonne |
| 2 (d) | Galvanized Steel | Rs. **--- X ---** per Metric Tonne |

**PROFORMA FOR AGREEMENT**

**(ON NON-JUDITIAL STAMP PAPER OF APPROPRIATE VALUE)**

**CONTRACT AGREEMENT FOR THE WORK OF**

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

**WHEREAS**

a. The BSNL is desirous that the construction of

at \_\_\_\_\_\_\_\_\_\_\_\_\_ should be executed as mentioned, enumerated or referred to in the tender including Press Notice Inviting Tender, General Conditions of the Contract, Special Conditions of the Contract, Specifications, Drawings, Plans, Time Schedule of completion of jobs, Schedule of Quantities and Rates, Agreed Variations, other documents, has called for Tender.

b. The contractor has inspected the site and surroundings of the work specified in the tender documents and has satisfied himself by carefully examination before submitting his tender as to the nature of the surface, strata, soil, subsoil and grounds, the form and nature of the site and local conditions the quantities, nature and magnitude of the work the availability of labour and materials necessary for the execution of work, the means of access to site, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and things referred to or implied in the tender documents or having any connection therewith, and has considered the nature and extent of all the probable and possible situations, delays, hindrances or interferences to or with the execution and completion of the work to be carried out under the contract, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the work and which might have influenced him in making his tender.

c. The tender documents including the BSNL’s Press Notice Inviting Tender, General conditions of contract, Special Conditions of Contract, Schedule of Quantities and rates, General obligations, Specifications, Drawings, plan, time schedule for completi0n of work. Letter of Acceptance of tender and any statement of agreed variations with its enclosures copies of which are hereto annexed form part of this contract though separately set out herein and are included in the expression Contract wherever herein used.

**AND WHEREAS**

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

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

1. In consideration of the payment to be made to the contract for the work to be executed by him, the contractor hereby convenient with the BSNL that the contractor shall and will duly

provide, execute, complete and maintain the said work and shall do and perform all other acts

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

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

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

3. “The contract is subject to the jurisdiction of Court at **RAIPUR** only.” (Where the NIT/Tender has been issued).

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

Signed and delivered for and on behalf of BSNL Signature and delivered for and on behalf of the contractor

(BHARAT SANCHAR NIGAM LIMITED) (Contractor) OFFICIAL ADDRESS

Date Date

Place Place

## IN PRESENCE OF TWO WITNESSES

## SIGNATURE SIGNATURE

## NAME NAME

## SIGNATURE SIGNATURE

## NAME NAME

For Proprietary Concern

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

For Partnership Concern

M/s …………….………………………. a partnership firm having its registered office

at……….………….. (hereinafter called the said Contractor which expression shall unless the context requires otherwise include his heirs, executors, administrators and legal representatives). The partners of the firms are:

i) Shri ………………………………….s/o…………………………., And

ii) Shri ……………………………….....s/o……………………….…..etc..

**For Companies**

M/s …………………………………a company duly incorporated under the Indian Companies

Act, 1956 and having its registered office at …………………………..in

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

**FORM OF PERFORMANCE SECURITY BANK GUARANTEE BOND**

**(To be used by approved Scheduled Banks)**

1. In consideration of the **BHARAT SANCHAR NIGAM LIMITED** (hereinafter called “the BSNL”) having agreed under the terms and conditions of agreement No. Dated made between

.and .( hereinafter called “the said contractor(s)”) for the work (hereinafter called “the said agreement”) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

We (indicate the name of the Bank) (hereinafter referred to as “as Bank) hereby undertake to pay to the BSNLand amount not exceeding Rs. (Rupees \_\_\_\_\_\_\_\_\_\_\_\_only) on demand by the BSNL.

2. We (Indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demure, merely on a demand from the BSNL stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only).

3. We undertake to pay to the BSNL any money so demanded notwithstanding any dispute or disputes raised by the contractor (s) in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment made by us under this bond shall be valid discharge of our liability for payment to there-under and the contractor(s) shall have no claim against us making such payment.

4. We (Indicate the name of Bank) further agree that the guarantee herein

contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the BSNL under or by virtue of the said agreement have been fully paid and it is claims satisfied or discharged or till Engineer-in-charge on behalf of the BSNL certifies that the terms and conditions of the said Agreement have been fully and properly carried out be the said contractor(s) accordingly discharges this guarantee.

5. We (indicate the name of Bank) further agree with the BSNL that the BSNL shall have the fullest liberty without our consent and without affecting any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time to time any of the powers exercisable by the BSNL against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement shall not be relieved from our liability by reasons of any such variation or extension being granted to the said contractor(s) or for any forbearance act of omission on that part of the BSNL or any indulgence by the BSNL to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effected or so relieving us.

6. The guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

7. We (indicate the name of Bank) lastly undertake not to revoke this guarantee except with the previous consent of the BSNL in writing.

8. This guarantee shall be valid upto unless extended on demand by BSNL. Notwithstanding any thing mentioned above our liability against this Guarantee is restricted to Rs. (Rs.

only) and unless a claim in writing is lodged with us within six months of the date of expiry or the

extended date of expiry of this guarantee, all our liabilities under the Guarantee shall stand discharged.

Date the date of

For .

(INDICATE THE NAME OF BANK)

ANNEXURE – I

**AFFIDAVIT**

I/We have submitted a bank guarantee for the work\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( Name of Work), Agreement No.\_\_\_Dated: from (Name of the Division) with a view to seek exemption from payment of performance guarantee in cash. This Bank guarantee expires on \_\_\_\_\_\_\_ I/We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my/our own initiative upto a period of \_\_\_\_\_\_\_\_-months after the recorded date of completion of the work or as directed by the Engineer in charge.

I/We also indemnify the Bharat Sanchar Nigam Limited against any losses arising out of non- encashment of the bank guarantee if any.

(Deponent)

Signature of Contractor

**Note: The affidavit is to be given by the Executants before a first class Magistrate.**

**ADDITIONAL CONDITIONS**

**ADDITIONAL AND PARTICULAR SPECIFICATIONS**

**GENERAL**

The quoted rates for various items in the tender shall be inclusive of all the additional conditions and particular specifications and for adherence to all these conditions and specifications, no extra payment shall be made to the contractor. Any infringement and/or breach of these specification and condition(s) etc. shall render the contractor liable to action(s) under various clauses of the contract and such action stipulated in conditions therein.

**“A” ADDITIONAL CONDITIONS**

1. The Contractor shall maintain safe custody of materials brought to the site. The Contractor shall also employ necessary watch and ward establishment for the work and other purposes as required at his own cost.

2. For Cement and Steel and other materials, as prescribed, the quantities brought at site shall be entered in the respective material at site accounts and shall be treated as issued for maintenance of daily consumption.

3. The procurement of Cement and Reinforcement Steel, and, their issue and consumption shall be governed as per conditions laid down hereunder.

**3.1. Cement**

3.1.1. The contractor shall procure 43 grade (Conforming to relevant IS: code.) Portland Slag Cement/ Portland pozzolana cement , as required in the work, from reputed manufactures of cement, having a production-capacity of one million tonnes per annum or more, such as A.C.C. L&T, Vikram, Shri Cement and Cement Corporation of India etc. as approved by Ministry of Industry. Government of India, and holding license to use ISI certification mark for their product whose name shall be got approved from Engineer-in-Charge. Supply of cement shall be taken in 50 kg bags bearing manufacture’s name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in- Charge and got tested in accordance with provisions of the relevant BIS codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week’s time of written order from the Engineer-in-Charge to do so.

3.1.2. The Cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-Charge.

3.1.3. The cement godown of the capacity to store about 2000 bags of cement or as decided by the Engineer-in-Charge shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the key of other lock shall remain with the contractor. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time

3.1.4. The contractor shall supply free of charge the cement required for testing. The cost of tests shall be borne by the contractor/ Department in the manner indicated below :

1. By the contractor, if the results show that the cement does not conform to relevant BIS codes.

ii. By the Department, if the results show that the cement conforms to relevant

BIS codes.

**3.2. Steel**

3.2.1. The contractor shall procure steel reinforcement bars conforming to relevant BIS codes from Secondary Bulk producers as approved by the Ministry of Steel. In cases when the contractor is required to procure steel reinforcement bars conforming to relevant BIS codes from main producers having BIS Licence, can be done with prior approval of the Engineer-in-Charge and nothing extra will be paid. The contractor shall have to obtain and furnish test certificates to the Engineer-in-Charge in respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in the relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work within a weeks’ time from written order from the Engineer-in-Charge to do so.

3.2.2. The steel reinforcement shall be brought to the site in quantity of lots as approved by the Engineer-In-Charge.

3.2.3. The steel reinforcements shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bars of different sizes (diameters) and lengths shall be stored separately to facilitate easy counting and checking.

For steel procured from secondary bulk producers, for checking nominal mass, tensile strength, bend test, etc. specimen of sufficient length shall be cut from each diameter of the bar at random at frequency not less than that specified below. In case of works costing more that 2 Crores and when the steel is procured from other than main producers, additional tests such as, retest, re- bend test, elongation test, proof stress may also be conducted

|  |  |  |
| --- | --- | --- |
| **Size (Diameter) of bar** | **For consignment** | |
| **Below 100 tonnes** | **Over 100 tonnes** |
| Under to 10mm dia | One sample for each 25  tonnes or part thereof | One sample for each 40  Tonnes or part thereof |
| 10mm to 16mm dia | One sample for each 35  tonnes or part thereof | One sample for each 45  Tonnes or part thereof. |
| Over 16mm dia | One sample for each 45 tonnes or part thereof. | One sample for each 50  Tonnes or part thereof. |

3.2.5. The contractor shall supply free of charge the steel bars required for testing. The cost of tests shall be borne by the contractor/ Department in the manner indicated below:

1. By the contractor, if the results show that the steel does not conform to relevant

BIS codes.

2. By the Department, if the results show that the steel conforms to relevant BIS

codes.

3.2.6. Coefficient of weight i.e. the weight per unit length of the steel procured by the contractor shall be ascertained at site before using it and certified by the Engineer-in- Charge. In case weight per unit length is beyond the rolling margin as laid down in the BIS: 1786, the steel will be rejected and shall be removed from the site of work within; a weeks’ time from written order from the Engineer-in-Charge to do so. In case weight per unit length is more than the standard coefficient of weight for the diameter, but is within the rolling margin, then the payment shall be made as per the standard weight per unit length, and, where the weight per unit length is lesser than the standard coefficient of weight for the diameter, but is within the rolling margin, the payment shall be restricted with respect to the actual weight per unit length of the diameter.

3.3. The standard sectional weights referred to in standard table under para 5.3.3., page 75 of the revised CPWD Specifications 2002 for Cement Mortar, Cement Concrete and RCC works, are to be considered for conversion of length of various sizes of Steel Reinforcement bars into weight and are reproduced below for ready reference.

|  |  |  |  |
| --- | --- | --- | --- |
| **SIZE (mm)** | **WEIGHT (Kg/M)** | **SIZE (mm)** | **WEIGHT (Kg/M)** |
| 6 | 0.222 | 20 | 2.470 |
| 8 | 0.395 | 22 | 2.980 |
| 10 | 0.617 | 25 | 3.850 |
| 12 | 0.888 | 28 | 4.830 |
| 16 | 1.580 | 32 | 6.310 |
| 18 | 2.000 | 36 | 7.990 |

3.4. The actual issue and consumption of steel and Cement on the work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.

3.5. Steel and Cement brought to site and remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.

3.6. Cement used in Ready Mix Concrete shall be evaluated based on the certification by the in-charge of the RMC Plant in accordance with design approved by the Engineer- In-Charge.

4. No payment shall be made to the contractor for any damage caused during the execution of work because of cause(s) not covered under Clause 43 of the Contract. The damage to work will be made good by the contractor at his own cost, and no claim on this account shall be entertained.

5. Some restrictions may be imposed by the security staff etc. on the working and/ or movement of labour, materials etc. and the contractor shall be bound to follow all such restrictions/ instructions and nothing extra shall be payable on this account.



6. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees

and charges which he may be liable and nothing extra shall be payable on this account. The work shall be carried out without infringing on any of the local Municipal Bye-laws.

7. The contractors shall given a performance test of the entire installations as per standard specifications before the work is finally accepted and nothing extra what so ever shall be payable to the contractor for the tests.

8. The contractor shall engage licensed plumber for sanitary, water supply, drainage work and also get all the materials and system (including the materials supplied if any, by the department) tested by the Municipal Authority, Whenever required, at his own cost including testing fees, transport etc. according to Municipal by Laws. The contractor shall produce necessary certificate from the Municipal Authorities after completion of work. Nothing extra will be paid on this account. The Contractor shall execute the guarantee for removal of defects after completion in respect of water supply and sanitary installation.

9. The water supply sanitary installation and drainage work shall be carried out in a manner complying in all respects with the requirement of relevant by laws of the local municipal authority of the place at no extra cost of the department.

10. The rate for every item of work to be done under this contract shall be for all heights, depths, lengths and widths of the structure (except where specially mentioned in the item) and nothing extra will be paid on this account.

11. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards such as day and night boards, speed limit boards and flags, red lights and providing barriers etc. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of work. Nothing extra shall be paid on this account.

12. The contractor will work in close liaison, during the works, with other contractors of water supply, sanitary, drainage arrangements, electrical installation and any other works and adjust his work plan accordingly.

**13. Other Taxes and Royalties**

13.1. **Income Tax and surcharges over Income Tax etc**. at the rates fixed by the Ministry of finance, Government of India, shall be deducted from all the running and final bills of the contractor. Should there be any increase in rate of Income Tax and surcharge during execution of the contract, the same shall be payable by the contractor.

13.2. **Works Contract Sales Tax** as prevalent as per statutory orders of State/Central Government and shall be charged on gross value of all the bills and shall be recovered from each bill of the contractor as ‘works contract sales tax’. Should there be any increase in rate of Works Contract Sales Tax during execution of the contract, the same shall also be payable by the contractor.

13.3. **Royalty** shall have to be paid by the contractor on all materials such as stone, bricks, boulders, metal, shingle, bajri, stone aggregate, coarse sand and fine sand etc. or any other materials used for the execution of the work direct to the Revenue Authority of the District/State Govt. concerned. The contractor shall obtain “No Demand” certificate from the District/State Govt. authority concerned before the final bill is paid, failing which necessary recovery will be effected at the applicable rates in the final bill.

**14. Secured Advance:**

14.1. Secured advance on bricks, stone, stone aggregate brought at site for use in the work shall be paid only after receipt of satisfactory test results from the laboratory and provisions under rules.

14.2. Secured advance on steel doors, steel windows, etc. shall be paid only after the Engineer in Charge has personally verified that the materials brought at site of work, for use in work, conforms to the sample approved by him.

14.3. Secured advance whenever admissible on water supply, sanitary installation materials and fittings shall be allowed only after the Engineer in Charge has verified that materials brought at site have been checked by him personally and are in conformity with the samples approved by him.

14.4. Secured advance for terrazzo tiles shall be paid only after satisfactory results are received from the laboratory.

**\*\*\*\*\*\*\*\*\*\*\*\*\***

**“B” ADDITIONAL SPECIFICATIONS**

**1. GENERAL**

1.1. The Work shall, in general, conform to the CPWD Specifications. The CPWD specifications shall mean CPWD Specifications – 2012 with up to date correction slips.

1.1.1. Should there be any difference between the specifications mentioned above and the specifications given in the schedule of quantities, the later shall prevail.

1.1.2. If the specifications for any item are not available in the CPWD Specifications cited above, relevant BIS Specifications should be followed.

1.1.3. In case BIS Specifications are also not available, the decision of Engineer-in-Charge given in writing based on acceptable sound engineering practice and local usage shall be final and binding on the contractor.

1.2. The work will be carried out in accordance with the architectural drawings and structural drawings to be issued by the Engineer-in-Charge. The structural and architectural drawings hall have to be properly correlated before executing the work.

1.2.1. In case of any difference noticed between Architectural and Structural drawings, the contractor shall obtain final decision in writing of the Engineer-in-Charge.

1.2.2. In case of any discrepancy in the item given in the schedule of quantities appended with the tender and architectural drawings relating to the relevant item, former shall prevail unless otherwise given in writing by the Engineer-in-Charge.

1.3. For items where so desired, samples shall be prepared before starting the particular items of work for prior approval of the Engineer-in-Charge and nothing extra shall be payable on this account.

1.4. Materials brought at site of work shall not be used in the work before getting satisfactory Mandatory test results. For details, relevant provisions in the CPWD specification shall be referred to.

1.4.1. Wherever it is desired to procure factory-made materials, such factory-made materials shall be procured from reputed and approved manufacturers or through their authorized dealers. The contractor shall obtain the approval from the Engineer-in- Charge of such firms prior to procurement of such factory made materials. The Engineer-in-charge may, at any stage, inspect such factories/ manufacturing units. The contractor shall have no claim if the factor made materials brought to the site are rejected by the Engineer-in-charge in part or in full due to bad workmanship/ quality etc. even after the inspection of the manufacturing units.

1.4.2. The manufactured materials brought at site of work shall, in general, conform to the relevant specifications. The source for supply of the manufactured materials shall be approved by the Engineer-in-charge. The contractor shall have no claim if the manufactured materials brought to the site are rejected by the Engineer-in-charge in part or in full due to bad workmanship/ quality etc.

1.4.3. The preference amongst the various alternative materials available shall be as follows:

(a) The materials shall be as per the Brand specified to be used in the work.

(b) If the Brand specified material is not available then the material shall be ISI marked. (c) If ISI

marked item is not available then it should be from ISO certified Company.

(d) If the ISI marked or ISO certified items are not available then the best available items

in the market to be procured.

1.4.4. Equivalents for the various materials and the materials of approved make shall be got approved from the Engineer-in-Charge of work in writing before using them on the work.

**2. The following modifications to the above specifications shall, however, apply.**

**2.1. Earth Work**

2.1.1. During excavation and trenching work etc., the contractors shall ensure compliance to the guidelines in such matters laid down by the local body / bodies to ensure that there is minimum hazard to the operating personnel’s and users, minimum inconvenience to the users, minimized damage to the underground plant/services of other utilities in a coordinated way, in the interest of public convenience and overall safety.

2.1.2. Any trenching and digging for laying sewer lines/ water lines/ cables etc. shall be commenced by the contractor only when all men, machinery’s and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.

2.1.3. Surplus excavated earth which is beyond the requirement of the B.S.N.L. shall have to be disposed of by the contractor at his own cost beyond the municipal limits or at places identified by the local bodies or as directed by the Engineer-in-Charge after obtaining written permission of the Engineer-in-Charge and no payment will be made by the Department for such disposal of this surplus excavated earth.

2.1.4. The contractor shall, at his own expense and without extra charges, make provision for all shoring, pumping, dredging or bailing out water, if necessary, irrespective of the source of water. The foundation trenches shall be kept free from water while all the works below Ground Level are in progress, without any extra payment.

**2.2. Reinforced Cement Concrete Work & Plain Cement Concrete-General**

**2.2.1. Stone Aggregate:** Stone aggregate to be used in the work shall be of hard broken stone to be obtained from source approved by Engineer-In-Charge and shall conform to the relevant provisions in the CPWD Specifications.

**2.2.2. Fine Sand / Coarse Sand:** Fine sand / Coarse sand to be used in the work shall be obtained from sources approved by Engineer-In-Charge and shall conform to the relevant provisions in the CPWD Specifications.

2.2.2.1. Where only one variety of sand is available, the sand will be sieved for use in finishing work to achieve the required particle size distribution as per CPWD Specifications in order to obtain smooth surface and nothing extra shall be paid to the contractor on this account.

**2.2.3. Water:** It shall conform to requirements laid down in IS: 456-2000 and CPWD Specification.

**2.3. R.C.C. work (Design Mix Concrete):** Wherever the RCC work is specified to be done

with Design Mix Concrete, the particular specifications, as applicable, shall apply.

**2.4. R.C.C. Work (Nominal mix concrete) Water Cement Ratio:** For RCC Works, wherever nominal mix of concrete is stipulated in the items for work, for maintaining proper quality and durability requirements of the structure, maximum water cement ratio shall be restricted to 0.55. If in normal course of work, the required workability is not achieved; suitable plasticizers/ admixtures may be used for improving the workability of concrete with the approval of Engineer-in-Charge for which nothing extra shall be paid.

**2.5. Non-destructive Testing for Concrete / R.C.C. Work:** The Engineer-in-charge shall, at his discretion, get the non-destructive testing (Such as Ultrasonic Pulse Velocity Test etc.) done and the Contractor shall make all necessary arrangements for getting such tests done and make good the same after the test, or which nothing extra shall be paid. The results of such tests shall be binding on the Contractor. In case of nonconformity of the test to the standards, the contractor shall be liable to redo the concrete work at his cost including the cost of test, subject however, to the acceptability of the work as laid down in the mandatory test defined in the relevant CPWD specifications

**2.6.** Cement slurry, if any, added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items (Unless other wise explicitly stated) and nothing extra shall be payable (or) extra cement considered in consumption on this account.

**2.7. Centering and Shuttering For R.C.C Work:** The concrete surface shall be free from honey combing, offsets, superfluous mortar, cement slurry and foreign matter. The formwork shall be assembled in such a way as to facilitate removal of their parts in proper sequence without any damage to the exposed cement concrete surfaces and corners etc. The contractor shall keep skilled staff for special care and supervision to check the formwork and concreting so that every member is made true to its size, shape, level and alignment so that it does not result in any deformation, snug, buldges etc. The contractor shall also take suitable precautionary measure to prevent breaking and chipping of corners and edges of completed work until the building is handed over. The size of shuttering plates for slabs shall not be less than 0.6mx0.9m in general. However, contractor has to provide tape or wooden fillets or rubber gaskets to seal the joint properly to get smooth surface. Further shuttering shall be of such quality that there are no undulations and surfaces will be fairly even and no extra thick ceiling plaster shall be permitted to make the surface even. Any honeycombed or poorly formed concrete shall be repaired with polymer concrete of any suitable design by the Contractor at his own cost, in accordance with the specifications laid down in hand book of Repairs and Rehabilitation of RCC Buildings by CPWD.

**2.8. BRICK WORK**: Bricks used in the work shall be FPS. bricks to be obtained from kilns approved by Engineer-In-Charge. In all other respects they shall conform to the provisions in CPWD specifications.

**2.9. STONE WORK**: Stone used for stone masonry work shall be hard granite/ basalt/ quartz stone/sand stone to be obtained from quarries approved by Engineer-In-Charge and shall conform to the relevant provision in the CPWD specifications.

**2.10.** All above materials like stone aggregates, coarse sand, fine sand, Bricks, Surkhi, Stone etc. confirming to the CPWD specifications to be brought from the sources approved by Engineer-In-Charge. In case, at any stage during execution of work, the material from the approved source being not available or otherwise, and, is required to be arranged from other sources conforming to relevant CPWD specifications and duly approved of Engineer-in-charge, involving extra lead etc. nothing extra shall be paid on this account.

**2.11. WOOD WORK:** Timber required for manufacture of chowkhats and shutters for doors, windows, ventilators, and partitions etc. in the work shall be kiln seasoned and preservative treated. The Timber shall be kiln seasoned before applying preservative treatment. The rate quoted for various items shall be inclusive of kiln seasoning and preservative treatment of wood. The wood used in the work shall conform to the provisions in the CPWD Specifications for works.

**2.12. FACTORY MADE SHUTTERS etc.:** The shutters for doors, windows & ventilators, and, chowkhats etc. shall be factory made and obtained from suppliers approved by the Engineer-in-charge.

**2.13. STEEL WORK:** All steel doors, steel windows, steel ventilators, wire gauge, steel glazing, steel grill shall be according to the Architect’s detailed drawings and factory made and obtained from approved suppliers.

2.13.1. In the case of composite steel windows the rates shall include the cost of coupling mullion and transom etc. Where windows with inside open able shutters are fixed along-with windows with shutters open able outside, such inside open able windows shall be fitted with suitable friction hinges and open able outside with box type hinges, lever handles or otherwise as approved by the Engineer-in-Charge of the work. For such windows, cement concrete blocks of size 15cmx 10cmx 10cm shall be provided. Nothing extra shall be paid on this account.

2.13.2. In the case of steel windows and doors, steel glazing, wire gauge steel ventilators, rolling shutters, grills etc. an approved quality priming coat of zinc chromate shall be applied over and above shop coat of primer. Nothing extra shall be payable for providing shop coat primer.

**2.14. Sanitary and Water supply installations:**

The contractor shall engage licensed plumber for sanitary, water supply, drainage work and shall be carried out in a manner complying in all respects with the requirement of relevant by laws of the local municipal authority. The Contractor shall give a guarantee to the effect that the work shall remain structurally stable and shall guarantee against faulty workmanship, finishing, manufacturing defects of materials and leakages etc. The Contractor shall furnish a Guarantee Bond, as per prescribed format. The Guarantee Period shall be for 10(Ten) years.

**2.15. Approval of sample work** of repetitive/ typical nature prior to general execution of work shall be as enumerated hereafter.

2.15.1.1. Samples of typical portion of the works of repetitive nature such as typical room, toilet room, or any other work shall be prepared by the contractor under the directions and to the satisfaction of Engineer-in-Charge and got approved from him in writing before the commencement of these items for the entire work.

2.15.1.2. The work shall be so arranged to be carried out that the requirement for preparation of samples are observed and fulfilled without any detriment to the general progress of work. In other words, this will not be allowed to have any effect on the general progress of work or on any of the terms and conditions of the contract. No claims of any kind whatsoever including the claim of extension of time will be entertained due to the incorporation of this requirement.

**2.16. FLOOR TEST FOR TELEPHONE EXCHANGE BUILDINGS**: The floor of Technical rooms in the T.E. buildings shall be laid in such a way that the limits in floor levels would not be exceeded as follows.

i) The levels at any places when checked over a distance of one metre in any direction would not show variation in floor levels in excess of 3mm.

ii) The levels if checked over a distance of 4 metres in any direction shall not to exceed

5mm.

iii) The maximum permissible variation in the levels at any two points more than 4 meters away in any direction in the same room shall not be more than 8mm.

iv) Floor levels shall be taken at every metre and recorded in a “Level chart” for flooring in all technical room. This shall be checked, prepared and Certified by the Assistant

Engineer-in-Charge. of the work and contractor. This level chart shall be checked by the Engineer-in-Charge of work to satisfy himself that levels in the floors of technical rooms are with in the variation limits laid down at I) to iii) above.

2.16.1 No payment of flooring in Technical room shall be allowed till “Level Chart” is prepared and meets the requirements of levels mentioned above.

**2.17. TEST RESULTS & RELATED ASPECTS**

2.17.1 Normally, part rate payment shall be allowed in the running account bills only if the materials conforming to the CPWD specifications for works as mentioned in the work are tested and test results are found to be satisfactory by the Engineer-in-Charge.

2.17.2 The Engineer-in-Charge of work shall check the test results and satisfy himself before allowing any payment in the running/final bill.

**2.18. WATER PROOFING**:

2.18.1 **Treatment for roof surfaces:** The treatment of Roof Surfaces, wherever done with integral cement based compound (Brick-coba), the particular specifications shall be applicable.

2.18.2 The Contractor shall associate himself with the specialized firm, to be approved by the Engineer-in-charge, for execution of water proofing treatment. The contractor shall furnish a Guarantee Bond, as per prescribed format, from the specialized firm and duly countersigned by the contractor as a token of overall responsibility. The Guarantee Period shall be for 10 (Ten) years.

2.18.3 Ten percent of the cost of items of water proofing treatment for sunken floors and on roofs would be retained as guarantee to watch the performance of the work done. However half of the amount withheld would be released after (5) five years, if the performance of the work done is satisfactory. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days, and if’ not attend to, the same will be got done from another agency at the risk and cost of the contractor. However this security deposit can be released in full, if bank guarantee of equivalent amount for 10 (ten) years after completion of maintenance period is produced and deposited with the BSNL.

**“C” PARTICULAR SPECIFICATIONS**

**1.1. R. C. C. WORK (DESIGN MIX CONCRETE)**

1.1.1. The RCC work shall be done with Design Mix Concrete unless otherwise specified. In the nomenclature of items, wherever letter M has been indicated, the same shall imply for the Design Mix Concrete. For the nominal mix in RCC, CPWD specification shall be followed. The Design Mix Concrete will be designed based on the principles give in IS:

456, IS: 10262 and SP 23. The contractor shall design mixes for each class of concrete indicating that the concrete ingredients and proportions will result in concrete

mix meeting requirements specified. The cement shall be actually weighed, as

presumption of each bag having 50kg shall not be allowed. In case of use of admixture, the mix shall be designed with these ingredients as well. The specification

mentioned therein below shall be followed for Design Mix Concrete.

1.1.2. **Admixture:** Wherever required, admixtures of approved quality shall be mixed with concrete to achieve the desired workability within specified water cement ratio. The admixture shall conform to IS: 9103. The chloride contents in the admixture shall satisfy the requirement of BS: 5075. The total amount of chlorides in the admixture mixed concrete shall also satisfy the requirements of IS: 456-2000.

1.1.2.1 The contractor shall not be paid anything extra for admixture required for achieving desired workability without any change in specified water cement ratio for RCC/CC work.

1.1.3. **Grade of concrete:** The characteristic compressive strength of various grades of concrete shall be given as below :-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.  No. | Grade /  Designation | Compressive  strength on 15cm cubes min 7days (N/mm2) | Specified  characteristic compressive strength at 28 days (N/mm2) | Minimum  cement content (kg per cum) | Maximum  water cement ratio |
| (i) | M 25 | As per Design | 25 | 360 | 0.50 |
| (ii) | M 30 | As per Design | 30 | 400 | 0.45 |
| (iii) | M 35 | As per Design | 35 | 410 | 0.45 |

1.1.3.1. The Concrete mix will be designed for minimum workability as specified in para 7 of IS-456-2000. Workability of Concrete (Unless otherwise specified elsewhere or as decided by Engineer-in-charge.

|  |  |  |
| --- | --- | --- |
|  | Degree of  Workability | Slump (mm) |
| (1) | (2) | (3) |
| Lightly reinforced sections in, slabs, beams, walls columns | Low | 25-75 |
| Heavily reinforced section in slabs,  beams, walls, columns | Medium | 50-100 |
| Pumped concrete | Medium | 75-100 |

1.1.3.2 In the designation of concrete mix letter M refers to the mix and the number to the specified characteristic compressive strength of 15cmCube at 28 days expressed in N/mm2.

1.1.3.3 It is specifically highlighted that in addition to the above requirements the maximum cement content for any grade shall be limited to 450kg/ cubic meter.

1.1.3.4 The Minimum / Maximum cement content for design mix concrete shall be maintained as per the quantity mentioned above. Even in the case where the quantity of cement required is higher than the minimum specified above to achieve desired strength based on an approved mix design, nothing extra shall become payable to the contractor. In case of pile work, cement content will be as specified (Minimum 400kg/Cum of concrete).

1.1.3.5 The concrete design mix with or without admixture will be carried out by the contractor through laboratories/ Test houses of repute as decided by EE/SE.

1.1.3.6 The various ingredients for mix design/ laboratory tests shall be sent to the lab/ test houses through the Engineer in charge immediately after award of work and the samples of such aggregate sent shall be preserved at site by the department. The admixture if used by contractor shall be at his own cost without any extra payment.

1.1.4. The Contractor shall submit the mix design report from any of above approved laboratories for approval of Engineer in charge within 30 days from the date of issue of letter of acceptance of the tender. No concreting shall be done until the mix design is approved.

1.1.5. In case of change of source or characteristic properties of the ingredients used in the concrete mix during the work, a revised laboratory mix design report conducted at laboratory established at site shall be submitted by the contractor as per the direction of Engineer in charge.

1.1.6. **Approval of Design Mix :** The mix design for a specified grade of concrete shall be done for a target mean compressive strength Tck = Fck +1.65s

Where Fck = Characteristic Compressive Strength at 28 day

s = Standard deviation which depends on degree of quality control.

The degree of quality control for this work is “good” for which the standard deviation(s)

obtained for different grades of concrete shall be as follows :-

|  |  |
| --- | --- |
| GRADE OF CONCRETE | FOR ‘GOOD’ QUALITY OF CONTROL |
| M – 25 | 5.3 |
| M – 30 | 6.0 |
| M – 35 | 6.3 |

1.1.6.1. Out of the six specimen of each set, three shall be tested at seven days and remaining three at 28 days. The preliminary tests at seven days are intended only to indicate the strength to be attained at 28 days.

1.1.6.2. All cost of mix designing and testing connected therewith including charges payable to the laboratory shall be borne by the contractor.

1.1.7. **Batching, Mixing, Transportation, Placing, and, Compaction:**

1.1.7.1. The Concrete shall be sourced from on site batching and mixing plant conforming to IS:4925 (also refer to para 15 of Additional Conditions), it shall have the facilities of presetting the quantity to be weighed with automatic cut off when the same is achieved. Transportation and placing of concrete shall be with transit mixes and concrete pump respectively or with tower cranes depending upon site condition and nothing extra shall be paid. In certain places/ location placing of concrete may be permitted manually. Accuracy of measurement shall be as specified is IS 456-2000.

1.1.7.2. All other operations in concreting work like mixing, Slump, Laying/Placing of concrete, compaction, curing etc. not mentioned in this particular specification for Design Mix of Concrete shall be as per Revised CPWD Specification 2002 for CM, CC and RCC work, IS 456-2000 and Additional/Special Condition forming part of this tender document.

1.1.8. **Preparation of Mixes As Per Approved Design Mix Conducting Confirmatory Test at Field Lab**.

1.1.8.1. The contractor shall make the cubes of trial mixes as per approved Mix design at site laboratory for all grades, in presence of Engineer in charge using sample of approved materials proposed to be used in the work prior to commencement of concreting and get them tested in his presence to this entire satisfaction for 7 days and 28 days. Test cubes shall be taken from trial mixes as follows.

1.1.8.2. For each mix, a set of six cubes shall be made from each of three consecutive batches. Three cubes from each set of six shall be tested at age of 7 days and remaining three cubes at age of 28 days. The cubes shall be made cured transported and tested strictly in accordance with specifications. The average strength of nine cubes at age of 28 days shall exceed the specified target mean strength for which design mix has been approved; the evaluation of test result will be done as per IS-456-

2000.

1.1.9. **Work Strength Test - Test Specimen**

1.1.9.1.Work strength test shall be conducted in accordance with IS: 516 on random sampling.

Each test shall be conducted on six specimens, three of which shall be tested at 7 days and remaining three at 28 days. Additional samples shall be prepared if required, as per direction of Engineer in charge for testing samples cured by accelerated method as described in IS: 9103.

1.1.10. **Test Result of Sample**

1.1.10.1.The test results to the sample shall be the average of the strength of three specimens. The individual variation shall not be more than +/-15 percent of the average. If more the test results of the sample are invalid. 90% of the total tests shall be done at the laboratory established at site by the contractor and remaining 10% in the laboratory of Central Designs Organization, CPWD or any other laboratory as directed by the Engineer in charge.

1.1.11. **Standard For Acceptance**

1.1.11.1.Standard of acceptance shall be same as specified in clause 16 of IS-456-2000

1.1.11.2.In order to keep the floor finish as per architectural drawings and to provide required thickness of the flooring as per specification, the level of top surface of RCC shall be accordingly adjusted at the time of its centring, shuttering and casting for which nothing extra shall be paid to the contractor.

1.1.12. **Measurement :** As per CPWD specifications.

1.1.13. **Tolerance :** As per CPWD specifications.

1.1.14. **Rate :** The rate includes the cost of materials and labour involved in all the operations described above except for the cost of centering, shuttering and reinforcement, which will be paid separately.

1.1.14.1. In case of actual average compressive, strength being less than specified strength which shall be governed by para ‘Standard of Acceptance’ as above, the rate payable shall be worked out accordingly on prorata basis.

1.1.14.2. In case of rejection of concrete on account of unacceptable compressive strength, governed by para ‘Standard of Acceptance’ as above, the work for which samples have failed shall be redone at the cost of contractors. However the Engineer in charge may order for additional tests (like cutting cores, ultrasonic pulse velocity test, load test of structure or part of structure etc) to be carried out at the cost of contractor to ascertain if the portion of structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer in charge without any extra cost. However, for payment, the basis of rate payable to contractor shall be governed by the 28 days cube tests results and reduced rates shall be regulated in accordance with para 5.14.13 of Revised CPWD specification 2002 for C.M., C.C. and R.C.C. works.

**1.2. Treatment for roof surfaces :-**

For treatment of Roof Surfaces with integral cement based compound (Brick-coba), following specifications shall be applicable. This item shall be got executed from specialized agency to be got approved from Engineer-in-charge:

1.2.1.1.The bricks bats shall be from over burnt bricks. The proprietary water proofing compound shall bear I.S.I. mark and shall conform to IS: 2645. Before execution of work water proofing compound has to be brought to and a certificate of its conforming to IS code should be produced. The proprietary waterproofing compound shall be added at the rate recommended by the specialist firm but not exceeding 3 percent by weight of cement. The Engineer in charge reserve the right to collect the random sample from material brought at site and get it tested from laboratory of his choice. The material which does not conform to the specification shall have to be removed forthwith by the contractor.

1.2.1.2. The finished surface after water proofing treatment shall have minimum slope of 1 in 80. At no point

shall the thickness of water proofing treatment be less than 65mm.

1.2.1.3. While treatment of roof surface is done, it shall be ensured that the outlet Drainpipes have been fixed and mouths at the entrance have been eased and round off properly

for easy flow of water.

1.2.1.4. The surface where the water proofing is to be done shall be thoroughly cleaned with wire brushes. All loose scales mortar splashes etc. shall be removed and dusted off. The surface shall be treated with neat cement slurry admixed with proprietary water proof compound to penetrate into crevices and fill up all the pores in the surface. The cement slurry shall be applied at the junction of parapet and terrace slab including the vertical face of the parapet.

1.2.1.5. After the slurry coat is laid, layer of over burnt brick bats shall be laid in cement mortar of mix as specified by specialist firm but not leaner than 1:5(1cement: 5coarse sand) admixed with proprietary water proofing compound to required gradient and joints filled to half the depth. The bricks bat layer shall be rounded at the junctions with the parapet and tapered towards top for a height of 300mm curing of this layer be done for 2 days.

1.2.1.6. After curing the surfaces shall be applied with a coat of cement slurry admixed with proprietary water proofing compound.

1.2.1.7. Joints of bricks bat layer shall be filled fully with cement mortar of mix as specified by the specialist firm but not leaner than 1:5 (1cement:5 coarse sand)admixed with proprietary water proofing compound and finally top finished with average 20mm thick layers of cement mortar:1 :4 (1cement:4 coarse sand) and finished smooth with cement slurry mixed with proprietary water proofing compound. The finished surface shall have marking of 300x300mm false squares to give the appearance of tiles.

1.2.1.8. Curing of water proofing treatment shall be done for a minimum period of weeks by flooding the water by making kiaries etc.

1.2.2. **MEASUREMENTS :** The measurement shall be taken for plan area of terrace only. Length and breadth shall be measured correct to 1cm. And area shall be worked out to nearest 0.01sqm. No deduction in measurement shall be made for either opening or recesses for chimney, stacks roof lights and the like of area upto 0.01sqm not anything extra shall be paid for forming such openings. For similar areas exceeding 0.10 Sqm, deduction will be made in measurements for full openings and nothing extra shall be paid for making such opening.

1.2.3. **Rates :** The rate shall include the cost of all labour and materials involved the all operations described above.

**CERTIFICATE TO BE GIVEN BY THE CONTRACTORS REGARDINGS EPF.**

I/We will be abide by the terms & conditions towards fulfillment/compliance of the provision of EPF & Misc provisions Act.-1952 & Employees Provident fund Scheme-1952.

I/We will produce the following documents with my each works payment Bill for affecting payments:-

* 1. Attendance sheet showing the details of labourers/employees engaged.
  2. The extract of register of wages paid to such labourers/employees for the duration in question.
  3. Amount of EPF contributions (both employer’s & employees contribution) for the duration of engagement in question, paid to the EPF Authorities with copy of challan as a proof.
  4. Extract of register of deductions.
  5. Extract of register of overtime.
  6. Extract of register of fines.
  7. Extract of register of advances.
  8. Wage slip of the labourers/ employees employed.
  9. A declaration regarding compliance of the conditions of EPF Act. 1952.

Signature Contractor

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SCHEDULE OF QUANTITY** | | | | | |
| Name of Work :-Periodical cleaning, repairs and Miscellaneous repairs and painting works of maintenance works of Administrative Building, T.E. Building & TxIP Office Block at Khamardih, Raipur. | | | | | |
| S.No. | Description of Item | Quantity | Rate | Unit | Amount |
|  | **SUB\_HEAD: FINISHING** |  |  |  |  |
| 1 | Cleaning of overhead HDPE and underground RCC water tanks quarterly (every 4 months)manually by brushing sides, bottom for removal of all algae, vegetation, foreign material deposits etc disinfecting with bleaching powder, stirring well water & draining out the turbid water complete as per direction of Engineer-in-charge (Rate includes all materials and T&P required for the work) |  |  |  |  |
| (a) | HDPE circular base tanks upto 1000 litres | 40.00 |  | Each |  |
| (b) | HDPE circular base tanks from 1001 to 5000 litres | 4.00 |  | Each |  |
| (C) | RCC underground tank of any size | 35000.00 |  | One Litre |  |
| 2 | Cleaning of septic tank, manholes, gully traps, underground SWR & exposed PVC sewerage lines manually/mechanically (as required) by removing night soil, sludge, garbage, rubbish & malba & disposing outside the municipality area complete as per direction of Engineer-in-charge. (Note: The rate of item shall include all labour and T&P required for the work) : |  |  |  |  |
| (a) | Manholes of any size | 6.00 |  | Each |  |
| (b) | Gully traps | 10.00 |  | Each |  |
| (c) | Underground SWR sewer lines | 50.00 |  | One Mtr |  |
| 3 | Cleaning of open/covered surface storm water drains/cable ducts of any size by removing covers (as required) & taking out all malba, rubbish, garbage etc manually & disposing to dumping ground, replacing the covers intact complete as per the directions of Engineer-in-charge (Rate includes all materials and T&P required for the work) |  |  |  |  |
| (a) | Covered drains/cable ducts | 50.00 |  | One Metre |  |
| 4 | Cleaning of open terrace in the premises  completely by sweeping out all rubbish,  garbage etc including cleaning of  chocked/blocked traps at entry of rain  water pipes, taking out/uprooting of any  vegetation growth/plants & disposing of all rubbish to dumping grounds complete as per direction of Engineer-in-charge (Note: The rate of item shall include all labour and T&P required for the work. The actual area cleaned shall be measured for payment purposes) | 400.00 |  | One Square Metre |  |
| 5 | Cutting and uprooting of plants from building walls near sanitary pipe line, water tank and terrace.Repairing of the damaged portion by RCC 1:2:4/ cement morter 1:3 i/c scaffolding, Jhullas etc where ever necessary and disposal of rubbish within 50 mtr. lead at all floor level as per direction of Engineer-in-charge. | 3.00 |  | Each |  |
| 6 | Repairing of existing unopenable / jammed / damaged wooden / aluminium doors shutter by taking out the shutters, fittings, clamp, angle, Patti , hinges & screws, replacement of damaged hinges screws etc & refixing the same intact for smooth operation as per direction of Engineer-in-charge.(Note: The item includes required scaffolding, & all other T&P required for the work at all floor levels) | 6.00 |  | Each |  |
| 7 | Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. |  |  |  |  |
| (a) | 10 litre capacity - White | 2.00 |  | Each |  |
| 8 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete : |  |  |  |  |
| (a) | Semi rigid pipe : |  |  |  |  |
| (i) | 32 mm dia. | 4.00 |  | Each |  |
| 9 | Providing and fixing a pair of M.S./ C.I. bracket for washbasin or sink of approved quality i/c cutting and making good the wall whereever required with cement mortar etc all complete as per direction of Engineer-in-charge. | 2.00 |  | Each Pair |  |
| 10 | Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. |  |  |  |  |
| (a) | Waste coupling 31 mm dia of 79 mm length and 62 mm breadth weighing not less than 45 gms. | 2.00 |  | Each |  |
| 11 | Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes. Weighing not less than 60 gms. | 4.00 |  | Each |  |
| 12 | Providing and fixing PTMT urinal cock of approved quality and colour. |  |  |  |  |
| (a) | 15 mm nominal bore, 80 mm long. 42 mm high and 30 mm wide with BSP female threads weighing not less than 48 gms. | 4.00 |  | Each |  |
| 13 | Providing and fixing brass bib cock of approved quality and colour : |  |  |  |  |
| (a) | 15 mm nominal bore | 4.00 |  | Each |  |
| 14 | Providing and fixing brass stop cock of approved quality and colour : |  |  |  |  |
| (a) | 15 mm nominal bore | 4.00 |  | Each |  |
| 15 | Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : |  |  |  |  |
| (a) | 15 mm nominal bore. | 4.00 |  | Each |  |
| 16 | Providing and fixing unplasticised PVC connection pipe with brass unions : |  |  |  |  |
| (a) | 45 cm length : |  |  |  |  |
| (i) | 15 mm nominal bore. | 6.00 |  | Each |  |
| 17 | P/F PVC water storage tank cover with necessary fittings etc. complete as per direction of Engineer-in-charge. | 4.00 |  | Each |  |
| 18 | Providing and fixing gun metal gate valve "ZOLLOTO" make or equivalent with half-turn lever handle (screwed end) complete as per the directions of Engineer-in-charge |  |  |  |  |
| (a) | 15 mm nominal bore | 6.00 |  | Each |  |
| 19 | Providing and fixing C.P. Brass pillar cock of approved quality and colour : |  |  |  |  |
| (a) | 15 mm nominal bore | 4.00 |  | Each |  |
| 20 | Providing and fixing Stainless steel grating of approved quality and colour : |  |  |  |  |
| (a) | Circular type : |  |  |  |  |
| (i) | 100 mm nominal dia. | 5.00 |  | Each |  |
| 21 | Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer’s specification. |  |  |  |  |
| (a) | Two or more coats | 350.00 |  | One Square Metre |  |
| 22 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : |  |  |  |  |
| (a) | Two or more coats on new work. | 30.00 |  | One Square Metre |  |
| 23 | Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | 50.00 |  | One Square Metre |  |
| 24 | Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. | 50.00 |  | One Square Metre |  |
|  |  |  |  | Total = |  |
|  | Executive Engineer (C) |  |  |  |  |
|  | BSNL Civil Division Raipur |  |  |  |  |