

**BHARAT SANCHAR NIGAM LIMITED**  
*(A Government of India Enterprise)*

**Tender document**

Name of Work:- Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar , Bhubaneswar for the year 2018.

**NIT No. 12/2018-19/BCD/SDE-III/BBSR.**

**Estimated Cost. Rs. 4,64,371.00**

**EMD.: Rs. 9,287.00**

**Time: 06(Six) Months**

**Certified that this tender document contains 38(Thirty Eight) pages**

Executive Engineer (Civil)  
BSNL Civil Division  
Bhubaneswar

**Name of work: Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar , Bhubaneswar for the year 2018.**

**NIT No. 12/2018-19/BCD/SDE-III/BBSR**

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**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING**

The Executive Engineer(Civil), BSNL Civil Division, 3<sup>rd</sup> floor, Unit-IX, Door Sanchar Bhawan, Bhubaneswar invites item rate e-tenders on behalf of BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) from approved and eligible contractors of BSNL (Civil Wing) and non-BSNL registered contractors of appropriate class of Public Works Organizations like CPWD, DOP, MES, Railways and State PWD (R&B) of Odisha or any other allied department or PSU of Odisha State eligible to tender in Odisha State PWD (R&B)/ DOP/ MES/ Railways for the following work:

Sl. No.	Description	Details
i)	NIT No.	<b>12/2018-19/BCD/SDE-III/BBSR</b>
ii)	Name of Work:	<b>Day to Day Repair and Maintenance work of BSNL staff Quarters at P&amp;T Colony, Vanivihar , Bhubaneswar for the year 2018.</b>
iii)	Estimated Cost	<b>Rs.4,64,371.00 (Rupees Four Lakh Sixty Four Thousand Three Hundred Seventy One) only</b>
iv)	Earnest Money	<b>Rs.9,287.00 (Rupees Nine Thousand Two Hundred Eighty Seven) only</b>
v)	Period of Completion	<b>06(Six) Months</b>
vi)	Last date and time of online submission of tender	<b>18.00 hours on 04.06.2018</b>
vii)	Time and date of online opening of Documents	<b>11.30 hours on 05.06.2018</b>
viii)	Time and date of opening of Online Financial Bids	<b>15.30 hours on 06.06.2018</b>
ix)	Period during which hard copies of EMD, Registration Certificates, Undertaking and other Documents to be submitted to Division office by only the lowest tenderer.	To be submitted during office hours within a week from the date of opening of Financial Bid. In case the last day happens to be closed holidays, these Documents shall be submitted on the next working day

1. The intending bidder must read the terms and conditions of Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates / documents required.
2. Information and Instructions for bidders for e-tendering posted on website shall form part of bid document.
3. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <http://www.tenderwizard.com/BSNL> or [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in) free of cost.
4. For e-tendering of this tender, BSNL has engaged e-portal maintained by M/s ITI Limited, New Delhi. Intending bidders shall have to register with M/s ITI Limited, New Delhi to participate in the tendering process. For details kindly visit website <http://www.tenderwizard.com/BSNL> or contact Shri SANJIB MOHAPATRA (Mobile No. 9937488749 or 7377708585). If needed they can be imparted training on online bidding process as per details available on the website.
5. The intending bidders must have valid class-III digital signature to submit the bid.
6. The bid can be submitted only after depositing e-tender Processing Fee in favour of ITI Limited and uploading the mandatory scanned documents as specified within the period of bid submission. **E-tender processing fee is non-refundable.**

7. Copies of eligibility documents and EMD as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format and any other format as permissible by the e-tendering portal.
8. Bidders must ensure to quote rate of each item. The column meant for quoting rate in figures appears in dark yellow colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
9. After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
10. Financial bids shall be opened online only for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work. On opening date, the bidder can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
11. If the contractor is found ineligible after opening of bids, his bid shall become invalid.
12. If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid and.
13. The lowest bidder shall have to submit original instrument for EMD and self-certified copies of all the scanned and uploaded documents within ONE WEEK in the office of tender opening authority.

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

- a) Certificate of registration / enlistment order;
  - b) EMD in the form of Treasury Challan/ Demand Draft/ Pay order or Banker`s Cheque/ Deposit at Call Receipt/ FDR of any Scheduled Bank in favour of **“Account officer (Cash), O/o General Manager Telecom District BSNL, Bhubaneswar”**.
  - c) PAN card issued by Income Tax Department;
  - d) GST registration
  - e) **The contractor having contract for day to day maintenance work of staff quarters colony having more than 100 no. quarters or two or more contracts for day to day maintenance work of staff quarters colonies having more than 50 Nos. quarters are not eligible to apply.**
- Note: No. of quarters in each staff quarters colony may be verified from concerned EE(C)**
- f) **An undertaking that “There is no existing contract/ agreement in my name for day to day maintenance work of staff quarter colonies having more than 100 nos. quarters and no contract for two or more works for day to day maintenance work of staff quarters which having more than 50 quarters. In case I become the lowest bidder and undertaking found false, BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL”.**
  - g) Copies of **Form “A” and partnership deed / memorandum of articles of association and power of attorney / authorization to the person who signs the tender in case of companies etc.**, If the bidder is a firm in partnership/ company,
  - h) An undertaking that **"In case I/we become the lowest bidder, Original instrument for EMD and self certified copies of other eligibility documents shall be deposited by me/us with the Executive Engineer calling the tender within ONE WEEK of the opening of financial bid otherwise BSNL shall reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL."**

**DECLARATIONS TO BE GIVEN BY THE TENDERERS**

**It is to certify that**

- a) I /We have gone through BSNL W-8 amended up to correction Slip No.6 as available on website [www.tenderwizard.com/BSNL/](http://www.tenderwizard.com/BSNL/) / [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in) or in the office of Executive Engineer (C) and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

**Date: -**

**Signature of the Tenderer**

- b) In case I/we become the lowest bidder, Original instrument for EMD and self certified copies of other eligibility documents shall be deposited by me/us with the Executive Engineer calling the tender within ONE WEEK of the opening of financial bid otherwise BSNL shall reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL.

**Date: -**

**Signature of the Tenderer**

- c) "I, .....S/o Shri ..... resident of ..... hereby certify that none of my relative(s) as defined in para 14 of BSNL W-6 is/are employed in BSNL Civil Zone, Odisha. 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".

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

**Date: -**

**Signature of the Tenderer**

1. Other partners    2. Sri \_\_\_\_\_ S/o Sri \_\_\_\_\_ Signature:  
3. Sri \_\_\_\_\_ S/o Sri \_\_\_\_\_ Signature:  
4. Sri \_\_\_\_\_ S/o Sri \_\_\_\_\_ Signature:

- d) I, ..... ..S/o Shri ..... resident of ..... hereby give an undertaking that **"There is no existing contract/ agreement in my name for day to day maintenance work of staff quarter colonies having more than 100 nos. quarters and no contract for two or more works for day to day maintenance work of staff quarters which having more than 50 quarters. In case I become the lowest bidder and undertaking found false, BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL**

**Date: -**

**Signature of the Tenderer**

**BHARAT SANCHAR NIGAM LIMITED  
(A GOVERNMENT OF INDIA ENTERPRISE)  
NOTICE INVITING e-TENDER**

The Executive Engineer(Civil), BSNL Civil Division, 3<sup>rd</sup> floor, Unit-IX, Door Sanchar Bhawan, Bhubaneswar invites Item rate e-tenders are invited on behalf of BHARAT SANCHAR NIGAM LIMITED (A Government of India Enterprise) from approved and eligible contractors of BSNL (Civil Wing) and Non-BSNL contractors of appropriate class registered with Public Works Organizations like CPWD, Odisha State PWD (B&R) or any other allied department or PSU of Odisha State eligible to tender in Odisha State PWD (B & R)/ DOP/ MES/ Railways for the work of **“Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar , Bhubaneswar for the year 2018.”**The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1 The work is estimated to cost **Rs.4,64,371.00 (Rupees Four Lakh Sixty Four Thousand Three Hundred Seventy One) only**
- 1.2 Bidders will be eligible to bid for the work provided they submit proof of their valid enlistment with appropriate authority, and have valid GST registration .
- 1.2.1 Criteria of experience for submission of bid document for Non-BSNL registered contractors of Public Works Organizations like CPWD, Odisha State PWD (B&R) or any other allied department or PSU of Odisha State eligible to tender in Odisha State PWD (B & R)/ DOP/ MES/ Railways only.
- 1.2.1.1 For works up to Rs. 7 lakhs :----NIL----
2. Agreement shall be drawn with the successful tenderer on prescribed Form No. BSNL W-7/8 amended up to correction slip no. 6, which is available on BSNL website [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in) and also as a BSNL publication **in the office of the Executive Engineer (Civil) BSNL Civil Division, Bhubaneswar**. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **06(Six) Months** and shall be reckoned from **7<sup>th</sup> day** after the date of issue of work order or from the **3<sup>rd</sup> day** of the handing over of the site whichever is later, in accordance with phasing, if any, indicated in the tender document.
- 3.1 The site for the work shall be made available in parts/ in phases and accordingly shall be handed over.
4. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <http://www.tenderwizard.com/BSNL> and the NIT & General Conditions of Contract can be seen from BSNL website [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in).
5. For e-tendering of this tender, BSNL has engaged e-portal maintained by M/s ITI Limited, New Delhi. Intending bidders shall have to register with M/s ITI Limited, New Delhi to participate in the tendering process. For details kindly visit website <http://www.tenderwizard.com/BSNL> or contact Shri SANJIB MOHAPATRA (Mobile No. 9937488749 or 7377708585). If needed they can be imparted training on online bidding process as per details available on the website.
- 5.1 The intending bidders must have valid class-III digital signature to submit the bid.
6. **E-Tender Processing Fee (Non-refundable):** e-Tender Processing Fee amounting to **Rs. 590/-** is to be paid online to the account of M/s ITI Limited through their e-gateway by credit/debit card, internet banking or RGTS/EFT facility. **E-Tender processing fee cannot be paid in physical form i.e. through Demand draft/ Treasury Challan/ Pay Order or Banker's Cheque etc. E-Tender processing fee is non-refundable.**

7. Earnest Money of **Rs.9,287.00 (Rupees Nine Thousand Two Hundred Eighty Seven) only** in the form of Treasury Challan/ Demand Draft/ Pay order or Banker's Cheque/ Deposit at Call Receipt/ Fixed Deposit Receipt issued in favour of '**Account officer (Cash),O/o General Manager Telecom District BSNL , Bhubaneswar** payable at **Bhubaneswar** shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

The intending bidder has to fill the details of payment instrument for EMD such as banker's name, amount, number and date etc. in the drop down menu of the e-tendering portal. The EMD has to be scanned and uploaded to the e-Tendering website by the intending bidders within the period of bid submission.

**The lowest bidder shall submit the original instrument of EMD within ONE WEEK after opening of financial bid failing which the bid shall be rejected and the agency shall be debarred from tendering in BSNL and BSNL may also take action to withdraw the enlistment of such bidder.**

8. The bid can be submitted only after depositing e-tender Processing Fee in favour of M/s ITI Limited and uploading the mandatory scanned documents as specified within the period of bid submission.

**Following documents are required to be scanned and uploaded by the intending bidder within the period of bid submission:**

- a) **Certificate of registration / enlistment order;**
  - b) **Payment instrument for Earnest Money (EMD);**
  - c) **PAN card issued by Income Tax Department;**
  - d) **GST registration**
  - e) **Copies of Form "A" and partnership deed / memorandum of articles of association and power of attorney / authorization to the person who signs the tender in case of companies etc., If the bidder is a firm in partnership/ company.**
  - f) **An undertaking that "There is no existing contract/ agreement in my name for day to day maintenance work of staff quarter colonies having more than 100 nos. quarters and no contract for two or more works for day to day maintenance work of staff quarters which having more than 50 quarters. In case I become the lowest bidder and undertaking found false, BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL".**
  - g) **An undertaking that "In case I/we become the lowest bidder, the original instrument of EMD and self certified copies of other eligibility documents shall be deposited by me/us with the Executive Engineer calling the tender within ONE WEEK of the opening of financial bid otherwise BSNL shall reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL."**
- 8.1 Bidders must ensure to quote rate of each item. The column meant for quoting rate in figures appears in dark yellow colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
- After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
9. (i) **Last date and time of online submission of bids – Up to 18.00 hours on 04.06.2018**  
(ii) **Time and date of online opening of documents – 11.30 hours on 05.06.2018**
- 9.1 Financial bids shall be opened online only for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work.

- Financial bids of eligible bidders shall be opened at - **15.30 hours on 06.06.2018**  
On financial bid opening date, eligible bidders can login and see the bid opening process.  
After opening of bids they will receive the competitor bid sheets.
- 9.2 **The lowest bidder shall have to submit self-certified copies of all the scanned and uploaded documents as specified in notice inviting tender along with original instrument of EMD within ONE WEEK in the office of tender opening authority.**
- 9.3 **The bid submitted shall become invalid if:**
- (i) **The bidder is found ineligible.**
  - (ii) **The bidder does not upload all the documents as stipulated in the bid document including the undertaking about submission of original instrument of EMD uploaded and undertaking that "There is no existing contract/ agreement in my name for day to day maintenance work of staff quarter colonies having more than 100 nos. quarters and no contract for two or more works for day to day maintenance work of staff quarters which having more than 50 quarters. In case I become the lowest bidder and undertaking found false, BSNL may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in BSNL".**
  - (iii) **The lowest bidder does not deposit original instrument for EMD within a week of opening of bid.**
  - (iv) **If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and self-certified copies as submitted physically by the lowest bidder in the office of bid opening authority.**
- 9.4 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 liable to be debarred from tendering in BSNL for three years including any other action under the contract or existing law. This will be without prejudice to any action that may be taken against the contractor for the work awarded to him on the basis of questioned credentials.
10. The description of the work is as follows: **Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar , Bhubaneswar for the year 2018.**
- 10.1 Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed.  
The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder 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 Government and local conditions and other factors having a bearing on the execution of the work.
11. The competent authority on behalf of BHARAT SANCHAR NIGAM LIMITED does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
12. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
13. The competent authority on behalf of BHARAT SANCHAR NIGAM LIMITED reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
14. The company or firm or any other person shall not be permitted to tender for works in BSNL Civil Zone in which his near relative(s) (directly recruited or on deputation in BSNL) is/ are



posted in any capacity either non-executive or executive employee. Near relative (s) for this purpose is/are defined as:

- (i) Member of Hindu Undivided family (HUF).
- (ii) They are Husband and Wife.
- (iii) The one is related to other in the manner as father, mother, son(s) & Son's wife (daughter-in-law), Daughter(s), Daughter's husband (son-in-law), brother(s), brother's wife, sister(s), sister's husband (brother-in-law).

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

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

"I, \_\_\_\_\_ s/o Shri \_\_\_\_\_ Resident of \_\_\_\_\_ hereby certify that none of my relative (s) as defined above is/are employed in concerned BSNL Civil Zone. In case at any stage, it is found that the information given by me is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit without any prior intimation to me".

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

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

15. No Engineer of Gazetted rank or other Gazetted Officer employed in engineering or administrative duties in an Engineering Department of the Government of India/State Government or PSU's is allowed to work as a contractor for a period of two years after his retirement from Govt. service, without previous permission of the Govt. of India or BSNL in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Govt. of India/State Government or PSU's as aforesaid before submission of the tender or engagement in the contractor's service.
16. The tender for the work shall remain open for acceptance for a period of **30(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. In case of works having estimated cost put to tender below Rs. 15,00,000/-, the successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of award by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and tender cancelled.

In case of works with estimated cost put to tender Rs.15,00,000/- and above, the successful tenderer, upon issue of letter of acceptance of Tender, shall be required to furnish Performance Guarantee @ 5% of the tendered value in the form of irrevocable Bank Guarantee of requisite amount to the Engineer-in-charge in the Performa annexed to the tender document, within 15 days of the issue of letter of acceptance of tender by BSNL. In

the event of failure on the part of the successful tenderer to furnish the Bank Guarantee within 15 days, including extended period if any, the earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor, and tender will be cancelled.

18. This Notice Inviting Tender (BSNL W-6) shall form a part of the Contract Document. In accordance with clause 1 of the contract, the letter of acceptance shall be issued first in favour of the successful Tenderer/Contractor. After submission of the performance guarantee, the letter of award shall be issued. The contract shall be deemed to have come into effect on issue of letter of acceptance of the tender. On issue of letter of award, the successful Tenderer/Contractor shall, within 30 days from such date, formally sign the agreement consisting of: -
- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - b) Standard BSNL W-7/8 as on BSNL website [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in)
  - c) Agreement signed on non-judicial stamp paper as per Performa annexed to the tender document.
19. Payment to the contractors shall be made through e-payment system like ECS & EFT as detailed below:
- (a) In cities/areas where ECS/EFT facility is provided by Banks, the tenderer must have Account in such ECS/EFT facility providing Banks and that Bank A/c No shall be quoted in the tender by the tenderer
  - (b) The cost of ECS/EFT will be borne by BSNL in all cases where the payment to contractor is made in a local Branch i.e. tenderer is having bank account in the same place from where the payment is made by BSNL unit.
  - (c) In case payment is made to outside branch i.e. tenderer is having bank account not in the same place from where the payment is made by BSNL unit, the crediting cost will have to be borne by the tenderer only.
  - (d) The payments to contractors will compulsorily be made through ECS/EFT in respect of all contracts where the value of the contract is more than Rs. 10 lakhs.
20. First running account bill shall be paid only after
- a) signing of the Agreement/Contract by both the parties, and
  - b) progress chart has been prepared as required under Clause 5 and approved by the competent authority.
21. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on BSNL website [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in) as well as in the Division Office.
22. If any terms and conditions under General Rules and Directions, (which can be seen in general conditions of contract available in BSNL website [www.odisha.bsnl.co.in](http://www.odisha.bsnl.co.in) is in contravention to terms and conditions as above, the terms and conditions as above shall prevail.

Signature and Name of

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

**BHARAT SANCHAR NIGAM LIMITED  
(A GOVERNMENT OF INDIA ENTERPRISE)**

STATE: ODISHA

CIRCLE: BHUBANESWAR

ZONE: ODISHA

DIVISION: BHUBANESWAR

SUB-DIVISION: No. **III/ BBSR**

**Percentage Rate Tender / Item Rate Tender & Contract for Works**

E-Tender for the work of: **Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar , Bhubaneswar for the year 2018**

To be submitted online by **18.00 hours on 04.06.2018**

(i) Time and date of online opening of Documents **11.30 hours on 05.06.2018**

(ii) Time and date of opening of Online Financial Bids **15.30 hours on 06.06.2018**

**TENDER**

I/ We have read and examined notice inviting tender, schedule, A, B, C, D, E & F. specifications applicable, Drawings & Design, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and Rules referred to in the Conditions of Contract and all other contents in the tender document for the work.

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

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

A sum of **Rs.9,287.00 (Rupees Nine Thousand Two Hundred Eighty Seven) only** has been deposited in prescribed manner as earnest money. If I/We fail to commence the work specified, I/We agree that the said Bharat Sanchar Nigam Limited shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by competent authority on behalf of the Bharat Sanchar Nigam Limited towards Security Deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and carry out such deviations as may be ordered, 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 intimate that for receiving payments I/we have an account where the ECS/EFT facility of e-payment is available and details of same shall be intimated after issue of letter of acceptance.

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.

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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 proforma enclosed.

**Court Jurisdiction: "I/we agree that this contract is subject to jurisdiction of Court at Bhubaneswar only."** (Where the NIT/Tender has been issued)

Dated.....

Witness:

Address:

Occupation:

( )  
Signature of Contractor  
Postal Address: -

\*\*\*\*\*

## ACCEPTANCE

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

\_\_\_\_\_ )

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

(a) \_\_\_\_\_

(b) \_\_\_\_\_

For & on behalf of the Bharat Sanchar Nigam Limited.

Signature\_\_\_\_\_

Dated.....

Name and designation

**Correction Slip no. 6  
(To GCC for civil works-2006)**

Clause No.	Present Provision	Proposed Provision
Clause 7	<p>No payment shall be made for work, ..... rates as decided by Engineer-in-Charge.</p> <p>The amount admissible will as far as possible be paid by <u>10<sup>th</sup></u> working day after the day of presentation, of the bill by the contractor to the Engineer-in-Charge or his Asstt. Engineer together with the account of the material issued by the BSNL, or dismantled materials, if any. In the case of works outside the headquarter of the Engineer-in-Charge, the period of <u>ten</u> working days will be extended to <u>fifteen</u> working days.</p> <p>All such interim payment ---- detailed measurement thereof.</p>	<p><b>No change.</b></p> <p>The amount admissible will as far as possible be paid by <b>30<sup>th</sup></b> working day after the day of presentation of the bill by the contractor to the Engineer-in-Charge or his Asstt. Engineer together with the account of the material issued by the BSNL, or dismantled materials, if any. In the case of works outside the headquarter of the Engineer-in-Charge, the period of <b>thirty</b> working days will be extended to <b>forty five</b> working days.</p> <p><b>No change</b></p>

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## PROFORMA OF SCHEDULES

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

### SCHEDULE "A"

Schedule of Quantities - ENCLOSED

### SCHEDULE "B"

Schedule of Materials to be issued to the contractor

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

### SCHEDULE "C"

Tools and Plants to be hired to the contractor

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

### SCHEDULE "D"

Additional Conditions and specifications - Enclosed

### SCHEDULE "E"

Schedule of component of Materials, Labour etc. for escalation

**No escalation on material and labour is payable for this work. Clause 10C for escalation of material and labour is not applicable but clause 10CA shall remain applicable.**

### CLAUSE 10

Component of Materials expressed as a 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 %

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## SCHEDULE "F"

(Reference to General Conditions of Contract)

Name of Work	<b>Day to Day Repair and Maintenance work of BSNL staff Quarters at P&amp;T Colony, Vanivihar , Bhubaneswar for the year 2018</b>	
Estimated cost of Work	<b>Rs.4,64,371.00 (Rupees Four Lakh Sixty Four Thousand Three Hundred Seventy One) only</b>	
Earnest Money	<b>Rs.9,287.00 (Rupees Nine Thousand Two Hundred Eighty Seven) only</b>	
<b>Security Deposit</b> (10 % of the tendered value for works with estimated cost put to tender up to Rs. 15Lakhs)	Rs. _____	Rupees _____ only

### GENERAL RULES AND DIRECTIONS

<b>Officer inviting tender</b>	Executive Engineer (Civil), BSNL Civil Division, <b>Bhubaneswar</b>	
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	<b>50%</b>	
<b>Definitions</b>	<b>See below</b>	
2(v) Engineer-in charge	Executive Engineer (Civil), BSNL Civil Division, Bhubaneswar.	
2(viii) Accepting Authority	Executive Engineer (Civil), BSNL Civil Division, Bhubaneswar.	
2(x) Percentage on cost of materials and Labour to cover all overheads and profit.	<b>10 %</b>	
2(xi) Standard Schedule of Rates	Central Public Works Department Schedule of rates - 2016 for Delhi with up to date correction slips with rates factored by 110/115	
9(ii) Standard BSNL Contract Form	BSNL W 7/8 form as modified and up to and including correction slip No.6	
<b>Clause 2</b>		
Authority for fixing compensation under Clause 2	Executive Engineer (Civil), BSNL Civil Division, Bhubaneswar.	
<b>Clause 2 A</b>		
Whether Clause 2A shall be applicable	NO	
<b>Clause 3 A</b>		
Whether Clause 3A shall be applicable	NO	
<b>Clause 5</b>		
i) Time allowed for execution of work	<b>06(Six) Months</b>	
ii) Authority to give fair and reasonable extension of time for completion of work	Executive Engineer (Civil), BSNL Civil Division, Bhubaneswar.	

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<b>Clause 6 A</b>	
Whether Clause 6A shall be applicable	NO
<b>Clause 7</b>	
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	<b>1.50 lakh</b>
<b>Clause 10</b>	
Reinforcement steel to be used in the work shall have to be procured as below	TMT bars Manufactured by any of the primary producers such as SAIL, TISCO, RINL (VIZAG)
<b>Clause 10 C</b>	Not applicable
<b>Clause 10 CA</b>	Applicable
<b>Clause 11</b>	
Specification to be followed for execution of work	CPWD Specifications Volume I & II 2009 with up to date correction slips as on the date of opening of the tender
<b>Clause 12</b>	
12.2 & 12.3 Limit for value of any item of any individual trade beyond which sub clauses (i) to (v) shall not be applicable	50%( Fifty percent)
<b>Clause 16</b>	
Competent authority for deciding reduced rates	Jt. Chief Engineer (Civil), O/o the CE(C), BSNL Civil Odisha Zone, Bhubaneswar.



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### Clause 36(i)

Requirement of Technical Staff and rate of recovery in case of non-compliance shall be as per the following table:

Value of Work	Sl. No	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience in years	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
							figures	words
For Agreement amount upto Rs 150 lakhs	1	Graduate Engineer OR Diploma Engineer	Civil	Principal Technical representative	2 years for Graduate Engineer OR 5 years for Diploma Engineer	1	Rs 15,000/-	Rs Fifteen Thousand only
For Agreement amount between Rs 150 lakhs to Rs 500 lakhs	1	Graduate Engineer	Civil	Principal Technical representative	5 years for Graduate Engineer	1	Rs 25,000/-	Rs Twenty Five Thousand only
	2	Graduate Engineer OR Diploma Engineer	Civil	Technical representative	2 years for Graduate Engineer OR 5 years for Diploma Engineer	1	Rs 15,000/-	Rs Fifteen Thousand only

### Clause 37(i)

Extent of <b>GST</b> payable by <b>Contractor</b> for Building and Construction works/Repair & Maintenance works	<b>GST 18% applicable, Any increase/decrease in the rate of GST while making payment of bills will be adjusted accordingly. 100% of the applicable GST is payable by contractor.(Nothing is to be reimbursed to the contractor)</b>
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### Clause 42 (i)

(i) Schedule / statement for determining theoretical quantities of cement	On the basis of Delhi Schedule of Rates 2016 with up to date correction slips published by CPWD
<b>(ii) Variation permissible on theoretical quantities</b>	
a) Cement for works with estimated costs put to tender	
i) not more than Rs. 5 lakhs	3 % minus
ii) more than 5 lakhs	2 % minus
b) Steel reinforcement and structural steel sections for each diameter, section and category.	2 % minus

### Star prices to be considered for escalation and recoveries

Sl. No	Material	Star Price (Rate in Figures and Words)
1	For Cement	Rs. 6,000/- (Rupees Six thousand) only
2	For Reinforcement Steel conforming to BIS 1786 - TMT bars	Rs.43,400/-(Rupees Forty Three thousand Four hundred) only.

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

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## SCHEDULE 'D'

### **ADDITIONAL CONDITIONS AND SPECIFICATIONS**

1. The intending tenderers shall note that the work is of urgent nature and is to be positively completed within the stipulated period. Therefore, only those Contractors who are confident and capable of carrying out the work within the stipulated period should apply for the work.
2. The scope of work is to attend day to day complains received from **occupants of Staff Quarters** in charge. The contractor or his authorized representative has to attend the maintenance office daily to take the complains received from occupants and to complete the repair and maintenance work within the required time as instructed by concerned JTO(C) /SDE(C)/ Engineer-in-charge. Necessary action may be initiated by Engineer-in-charge in case of failing to attend the complains as above.
- 3 The contractor should submit a tentative programme of working within seven days of the date of commencement of work for approval to Engineer-in-Charge. The contractor will have to work as per programme approved by the department. No claim whatsoever will be entertained on this account.
4. The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S units wherever indicated are for guidance only).
5. Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights lifts and leads and depths of the building and nothing extra shall be payable to him on this account.
- 5 Whenever any reference to any Indian Standard Specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued thereto or revisions thereof if any, up to the date of receipt of tenders.
- 6 The contractor shall give a performance test of installations as per specifications before the work is finally accepted and nothing extra whatsoever shall be payable to contractor on this account.
- 7 The work shall be carried out in a manner complying in all respects with the requirements of relevant byelaws of the Municipal Committee / Municipal Corporation / Development Authority / Improvement Trust under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
- 8 Other agencies doing work of electrification, external services, other building work, horticulture work etc. for this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying / burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for the electric and sanitary works etc. and nothing extra over the agreement rates shall be paid for the same.
9. Unless otherwise specified in the schedule of quantities the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water, if required, for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, sub-soil water being high due to any other cause whatsoever.
10. It is likely that work is executed in restricted areas and some restrictions may be imposed by the security staff etc., on the working and / or movement of labour, materials etc., the contractor shall be bound to follow all such restrictions / instructions and nothing extra shall be payable on this account.
11. Wherever the work site is in non-BSNL premises, the contractor shall take extra precautions for avoiding damages to the building/ premises. The Engineer-in-charge shall be indemnified against any claims on account of damages to the building/ premises of the landlord and

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contractor shall be legally responsible for compensating the landlord as may be assessed by the Engineer-in-charge.

12. Any cement slurry added over base surface (or) for continuation of concreting, for better bond is added to have been in built in the item (unless otherwise / explicitly stated) and nothing extra shall be payable (or) extra cement considered with consumption on this account.
13. The rate for all items in which the use of cement is involved is inclusive of charges for curing.
14. The contractor shall give a performance test of the entire installation (s) as per standard specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
15. Cement bags shall be stored in separate go downs to be constructed by contractor at his own cost as per sketch at page 23 of CPWD specifications 2009 Vol. II with weather proof roofs and walls.
16. The foundation trenches shall be kept free from water while all the works below ground level are in progress.
17. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of the work.
18. The rate for all items of work, shall, unless clearly specified otherwise include cost of all labour, material and other incidentals involved in the execution of the items.
19. Normally no departmental materials shall be issued to the contractor for the work. However the Engineer-in-charge may, at his discretion, issue some materials to the contractor for the work. The materials so issued shall be got insured against loss/damages etc. The contractor shall also ensure that only the required quantities of the departmental materials are used for the work. In the event of excess consumption beyond the required quantities, the Engineer-in-charge shall have the right to make recovery at market rates for which certificate of Engineer-in-charge shall be final and binding.
20. All materials which are to be tested for use in work shall be procured well in advance so that enough time is available for testing and approval of these materials by the Engineer-in-charge.
21. The contractor shall also construct a sample unit complete in all respects within three months from the date of award of work and this sample unit shall be got approved by the Engineer-in-charge before mass construction is taken up. No extra claim whatsoever beyond the payments due at agreement rates will be entertained from the contractor on this account.
22. The contractor shall take instructions from the Engineer-in-charge regarding collection and stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services or compound walls are to be constructed.
23. Royalty / seigniorage at the prevalent rates shall have to be paid by the contractor on the boulders, metal, shingle, sand and bajri etc. or any other material where royalty / seigniorage is payable collected by him for the execution of the work direct to the revenue / mines authority of the State Government concerned and nothing extra whatsoever shall be payable to contractor on this account.
24. The contractor shall make his own arrangements for obtaining electric / water connections, if required, and make necessary payments directly to the Department concerned.

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25. The contractor shall take all precautions to avoid all accidents by exhibiting necessary day and night caution boards, speed limit board, red flag, red lights and by providing barriers. He shall be responsible for all damages and accidents caused due to negligence in this regard. No hindrance shall be caused to Traffic during the execution of work.
26. The contractor shall maintain in perfect condition all works executed till the completion of the entire work allotted to him. Where phased delivery is contemplated the provisions mentioned above will apply to each phase.
27. No compensation/payment shall be payable to the contractor for any damage caused by rains, snow fall, lightning, wind, storm, floods tornadoes, earthquakes or other natural calamities during execution of work. He will make good all such damages at his own cost and no claim on this account will be entertained.
28. All materials obtained by the contractor shall be got checked from Engineer-in-charge or his representative on receipt of the same at site before they are actually used.
29. The contractor shall clear the site thoroughly of all scaffoldings, materials and rubbish etc. left out of his work and dress the site around the building to the satisfaction of the Engineer-in-charge before the work is considered as complete.
30. If as per municipal rules the huts for labour are not to be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account.
31. The centering and shuttering required for RCC work will be brought to site by the contractor well in advance so that the progress of the upper floors is not hampered due to non-availability of the same. Nothing extra shall be paid for this.
32. The contractor must see the proposed site for the work and study specifications and conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions or ignorance of specifications and conditions.
33. The tenderer should see the approaches and conditions of the site. If any approach from main road is required at the site or existing approach is to be improved and maintained for cartage and materials by the contractors, the same shall be provided, improved and maintained by the contractor at his own cost.
34. Cess under Building and other Construction Worker's Welfare Cess Act 1996 and other construction workers cess rules (Not withstanding anything contained in this contract) shall be recovered from the gross amount of the bill/bills at the rate stipulated under Clause 3(1) of the Building and other Construction Worker's Welfare Cess Act 1996.
35. The contractor shall bear all incidental charges for cartage of material required for work and construct suitable go downs, yards at the site of work for storing all the materials so as to be safe against damage by sun, rain, dampness fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his own cost.
36. In the item of RCC walls, railing and roofs etc., nothing extra shall be paid for making designs as per patterns given by Architects or for thickness of sections.
37. The rates for railing are inclusive of all the labour and the materials including execution as given in the description of the item, portion of the railings which is embedded in the masonry or RCC shall not be included for measurements.
38. Apart from OPC-43 grade cement as specified in General Conditions of Contract, OPC-53 grade conforming to IS: 12269 or PSC - Portland Slag Cement conforming to IS: 455-1989 or PPC conforming to IS: 1489(Part-1) may also be used in the work. However, while using Portland Pozzolana cement (fly ash blended) conforming to IS: 1489(Part-1), the certificate

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from PPC manufacturer indicating the percentage of fly ash shall be submitted to the Engineer-in-charge before using the cement in the work

In case of OPC-53 grade cement, it shall be ensured that the curing of the concrete work starts just after 4 hours of casting of concrete.

39. The compaction of the concrete shall be done by vibrating, table or external vibrator, as approved by Engineer-in-charge. The rate quoted for the item shall include the element of both for form work and mechanical vibration.
40. The water will be tested with regard to its suitability for use in RCC work and nothing extra will be paid for on this account.
41. The rate of item of reinforcement in RCC work includes all operations including straightening, cutting, bending, binding with annealed steel wire and placing in position at all the floors with all leads and lifts complete.
42. The rate of items of flooring is inclusive of providing sunk flooring in bath rooms, Kitchen etc., and nothing extra on this account is admissible.
43. The rate of T/ angle iron frame shall include the following:-
  44. a) M.S. sill / tie of 16 mm dia. bar shall be welded to T-iron door frames to keep the frame vertical in correct position. The sill / tie shall be embedded in floor concrete. No tie is necessary for window frames. In the case of window frame 2 lugs 15 X 3 mm long shall be welded to each vertical member of the frame.
  45. b) Each T-iron frame for doors shall have 4 nos. M.S. lugs 15 X3 mm, 10 cms long welded to each vertical member of the frame. In case of window frames, two lugs 15 X 3 mm shall be welded to each vertical member of the frame.
  46. c) M.S flat 8 X 25 mm, 100 mm, long having threaded holes ( No. of flats shall correspond to the No. of butt hinges to be fixed to door / window shutter) shall be welded at appropriate places at the back of the T-iron frames for fixing the required butt hinges to the frame with machine screws. M.S flats 8 X 25 mm, 50 mm long with threaded holes, shall be welded to the back of the T- sections to receive the butt hinges for the cleats.
47. The M.S flat clamps 15 X 6 mm thick for holding arrangements are to be provided and added as per site conditions. The rate is inclusive of the cost of such cramps.
48. The sill tie, lugs, curtain brackets and flats welded for fixing hinges and cleats shall not be measured for the purpose of payment.
49. All welding steel work shall be tested for quality of weld as laid down in IS:822 – 1970 before actual erection. Wherever welding appears it shall mean continuous fillet welding.
50. Sanitary fittings, paints, and other materials shall be obtained from one of the firms on the list of approved manufacturers of C.P.W.D. and shall bear I.S.I mark. The materials shall be tested as per provision in relevant I.S codes. The contractor's rates for items involving the use of the above materials shall be deemed to cover the cost of samples.
51. The contractor shall be responsible for the protection of the sanitary and water supply fittings and other fittings and fixtures against pilferage and breakage during the period of installation and thereafter until the building is handed over.
52. Water tanks, taps, pipes, fittings and accessories should conform to the CPWD specifications 2009 Vol. I to Vol. II with up to date correction slips, byelaws and specifications of the Municipal bodies Corporations etc. The contractor should engage licensed plumbers for the work and get the material (fixtures fittings) tested by the municipal bodies / corporation authorities wherever required, at his own cost. The work shall be carried out according to the municipal byelaws.

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53. The work of water supply, internal sanitary installations and drainage work etc., shall be carried out as per local Municipal Corporation or such local body byelaws and the contractor shall produce necessary completion certificate from such authorities after completion of the work.
54. 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.
55. The sanitary water supply and drainage pipes and fittings and other materials shall be of approved quality shall conform to the relevant C.P.W.D. specifications 2009 Vol. I to Vol. II with up to date correction slips and shall be I.S.I marked. The work shall be carried out without infringing on any of local Municipal byelaws.
56. The contractor shall procure steel reinforcement bars conforming to relevant BIS codes from main producers as approved by the Ministry of Steel.

CONTRACTOR

EXECUTIVE ENGINEER(C)

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<b>SCHEDULE OF QUANTITIES</b>					
Name of the work : Day to Day Repair and Maintenance work of BSNL staff Quarters at P&T Colony, Vanivihar, Bhubaneswar for the year 2018.					
Sl. No.	Description of Item	Quantity	Unit	Rate (Rs)	Amount (Rs)
<b>Sub-Head : Dismantling and Demolishing</b>					
1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer in-charge	2.00	One Cubic Metre		
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
a)	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1.00	One Cubic Metre		
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..				
a)	In lime mortar	0.50	One Cubic Metre		
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
a)	Of area 3 sq. metres and below	6.00	Each		
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:				
a)	Of area 3 sq. metres and below	4.00	Each		
6	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	5.00	One Square Metre		
7	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :				
a)	75 to 80 mm dia pipe.	6.00	One Running Metre		
8	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :				

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a)	15 mm to 40 mm nominal bore	30.00	One Running Metre		
9	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	20.00	One Square Metre		
10	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	15.00	One Cubic Metre		
<b>Sub-Head : Earth Work</b>					
11	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
a)	All kinds of soil.	5.00	One Cubic Metre		
12	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
a)	All kinds of soil				
(i)	Pipes, cables etc, not exceeding 80 mm dia.	10.00	One Metre		
13	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	2.00	One Cubic Metre		
14	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50m outside the periphery of the area cleared.	500.00	One Square Metre		
15	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	2000.00	One Square Metre		



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<b>Sub-Head : Concrete Work</b>					
16	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
a)	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	1.00	One Cubic Metre		
17	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	10.00	per 50 kg cement		
18	Providing and applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with apiece of cloth lightly soaked in kerosene oil.	10.00	One Square Metre		
<b>Sub-Head : Reinforced Cement Concrete</b>					
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	0.50	One Cubic Metre		
20	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5.00	One Square Metre		
b)	Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12mm thick.	5.00	One Square Metre		
21	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement, with1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20mmnominal size).	0.50	One Cubic Metre		
22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				

## DNIT

a)	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	20.00	One Kilogram		
23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand)	20.00	One Square Metre		
	<b>Sub-Head : Wood and P.V.C. Work</b>				
24	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia. & length (hold fast lugs or dash fastener shall be paid for separately).				
a)	Sal wood	0.12	One Cubic Metre		
25	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.				
a)	Kiln seasoned and chemically treated hollock wood.				
(i)	30 mm thick shutters	5.00	One Square Metre		
26	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
a)	Fixed to openings /wooden frames with rawl plugs screws etc.	20.00	One Kilogram		
27	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm all complete.				
a)	With 12 mm mild steel U beading.	2.00	One Square Metre		
28	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
a)	100x58x1.90 mm	10.00	Each		
29	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete :				
a)	90 mm	4.00	Each		
30	Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete.				

## DNIT

a)	250 mm weighing not less than 150 gms.	8.00	Each		
31	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	1.00	Each		
32	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality with necessary screws etc. complete.				
a)	50 mm	4.00	Each		
33	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm) with necessary accessories and screws etc. complete.	1.00	Each		
34	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :				
a)	250x16 mm	4.00	Each		
35	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade with necessary screws etc. complete :				
a)	150x10 mm	12.00	Each		
36	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :				
a)	100 mm	12.00	Each		
37	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868)transparent or dyed to required colour and shade with necessary screws etc. complete.				
a)	Twin rubber stopper	6.00	Each		

## DNIT

38	<p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top &amp; bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification &amp; drawing.</p>				
a)	30 mm thick plain PVC door shutters.	10.00	One Square Metre		
39	<p>Providing and Fixing, factory made, PVC door frame made of PVC extruded sections of size 75mm x 53 mm, having wall thickness 2.0mm (± 0.2mm). Both verticals sides of the frame reinforced with PVC profile of cross section size 28mm x 30mm x 2 mm thickness (± 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut jointed and fusion welded together, including providing and fixing 3 nos. of 125mm long stainless steel hinges to frame, fixing the frame with jamb with required nos. &amp; sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineer-in-charge.</p>	20.00	One Running Metre		
<b>Sub-Head : Steel Work</b>					
40					
a)	<p>Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3coarse sand : 6 graded stone aggregate 20 mm nominal size).</p>	10.00	One Kilogram		

## DNIT

41	Welding by gas or electric plant including transportation of plant at site etc. complete.	100.00	One Centimetre		
42	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
a)	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	30.00	One Kilogram		
43	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows all complete with :				
a)	4.0 mm thick glass panes.	2.00	One Square Metre		
<b>Sub-Head : Flooring</b>					
44	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
a)	40 mm thick with 20 mm nominal size stone aggregate	6.00	One Square Metre		
45	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	5.00	One Square Metre		
46	Providing and laying Ceramic glazed floor tiles of size 300x300 mm(thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement :4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc.,, complete.	10.00	One Square Metre		
<b>Sub-Head : Roofing</b>					
47	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,				
	(i)Single socketed pipes.				

## DNIT

a)	110 mm diameter	30.00	One Running Metre		
48	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS :5382 leaving 10 mm gap for thermal expansion.				
a)	Single tee with door				
(i)	110x110x110 mm	10.00	Each		
b)	Bend 87.5°				
(i)	110 mm bend	5.00	Each		
c)	Shoe (Plain)				
(i)	110 mm Shoe	4.00	Each		
49	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hardwood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
a)	110 mm	12.00	Each		
	<b>Sub-Head : Water Proofing</b>				
50	Grading roof for water proofing treatment with				
a)	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	2.00	One Cubic Metre		
	<b>Sub-Head : Finishing</b>				
51	12 mm cement plaster of mix :				
a)	1:6 (1 cement: 6 fine sand)	10.00	One Square Metre		
52	15 mm cement plaster on the rough side of single or half brick wall of mix :				
a)	1:6 (1 cement: 6 fine sand)	8.00	One Square Metre		
53	Distemping 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 on new work.	30.00	One Square Metre		
54	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
a)	Water thinnable cement primer.	30.00	One Square Metre		
55	Finishing walls with water proofing cement paint of required shade :				

## DNIT

a)	New work (Two or more coats applied @ 3.84 kg/10 sqm).	30.00	One Square Metre		
56	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
a)	Two or more coats on new work.	20.00	One Square Metre		
<b>Sub-Head : Repairs to Buildings</b>					
57	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground , all complete as per directions of Engineer-In-Charge.				
a)	With cement mortar 1:4 (1cement: 4 coarse sand).	30.00	One Square Metre		
58	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge.				
a)	Door chowkhats .	1.00	Each		
59	White washing with lime to give an even shade :				
a)	Old work (one or more coats) .	300.00	One Square Metre		
60	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	50.00	One Square Metre		
61	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
a)	One or more coats on old work.	300.00	One Square Metre		
62	Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification.				
a)	One or more coats on old work.	1000.00	One Square Metre		

## DNIT

63	Finishing walls with water proofing cement paint of required shade :				
a)	Old work (one or more coats @ 2.20 kg/10 sqm) complete.	50.00	One Square Metre		
<b>Sub-Head : Sanitary Installations</b>					
64	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required				
a)	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	Each		
65	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
a)	W.C. pan with ISI marked white solid plastic seat and lid	1.00	Each		
66	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	4.00	Each		
67	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :				
a)	White solid plastic seat with lid	1.00	Each		
68	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :				
a)	Flat back wash basin of size 550x400 mm.	4.00	Each		
69	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	20.00	Each		
70	Providing and fixing 100 mm sand cast Iron grating for gully trap.	6.00	Each		



## DNIT

71	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	6.00	Each		
72	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	4.00	Each		
73	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour.				
a)	Waste coupling 38 mm dia of 83 mm length and 77 mm breadth, weighing not less than 60 gms.	2.00	Each		
74	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
a)	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	4.00	Each		
75	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour. Weighing not less than 300 gms.	4.00	Each		
<b>Sub-Head : Water Supply</b>					
76	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall				
a)	20 mm nominal outer dia. Pipes.	10.00	One Running Metre		
b)	25 mm nominal outer dia .Pipes.	5.00	One Running Metre		
77	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work				

## DNIT

a)	40 mm nominal outer dia. Pipes.	10.00	One Running Metre		
78	Providing and fixing brass bib cock of approved quality :				
a)	15 mm nominal bore	5.00	Each		
79	Providing and fixing brass stop cock of approved quality :				
a)	15 mm nominal bore	4.00	Each		
80	Providing and fixing uplasticised PVC connection pipe with brass unions :				
a)	45 cm length				
(i)	15 mm nominal bore	20.00	Each		
81	Providing and fixing PTMT bib cock of approved quality and colour.				
a)	15 mm nominal bore, 122 mm long. Weighing not less than 99 gms.	40.00	Each		
82	Providing and fixing PTMT stop cock of approved quality and colour.				
a)	15 mm nominal bore, 86 mm long. Weighing not less than 88 gms.	15.00	Each		
83	Providing and fixing PTMT pillar cock of approved quality and colour .				
a)	15mm nominal bore, 107 mm long. Weighing not less than 110 gms.	20.00	Each		
84	Providing and fixing PTMT grating of approved quality and colour.				
a)	Circular type.				
(i)	125 mm nominal dia with 25 mm waste hole.	6.00	Each		
85	Providing and fixing PTMT swivelling shower, 15mm nominal bore. Weighing not less than 40 gms.	5.00	Each		
	<b>Sub-Head : Drainage</b>				
86	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design :				
a)	100 mm diameter S.W. pipe	10.00	One Running Metre		
87	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps:				
a)	100 mm diameter	10.00	One Running Metre		
	<b>Sub-Head : LMR ITEMS</b>				

## DNIT

88	Providing and mixing water proofing liquid of Dr-Fixit ( Super latex) in cement slurry applied on roof/wall surface before concreting/plastering work @1 ltr per 6.50 sqmtr area all complete as per direction of E - I - C.	3.00	One Litre		
89	Dismantling of W.C. pan of any make and size including disposal of unserviceable materials beyond municipal area all complete.	3.00	Each		
90	Cleaning of roof terrace including taking out garbages, earth, dirty debris, vegetation and trees etc. complete as per direction of Engineer-in-Charge.	600.00	One Square Metre		
91	Cutting and trimming branches of trees making into required shape including disposing leaves and branches in the nearest municipal dumps outside the premises etc. complete as per direction of Engineer-in-charge.	32.00	Each		
92	Credit for taking into possession of dismantled unserviceable sal/fire wood.	160.00	One Kilogram		
93	Credit for taking into possession of dismantled unserviceable wooden door and window shutter	10.00	One Square Metre		
94	Providing and fixing aluminium sheet of 22 gauge thick in wc and bath shutters with stainless steel screws etc. including making good the same as per direction of Engineer in charge.	4.00	One Square Metre		
95	Easing and adjusting of Door/window shutter for free movement of the shutter by making necessary repairs to shutter & frame all complete per direction of Engineer-in-charge.	80.00	Each		
96	Labour charges for removing & refixing of window Grill for repairing of windows etc. as per direction of Engineer-in-charge.	20.00	Each		
97	Providing and fixing in position 9mm thick BWP ply of National Marine KIT ply or equivalent approved brand and manufacture conforming to I.S. 303-1989 for the counter table selves cub board drawers Door/windows shutters or Similar works including cost of all necessary nails, screws adhesives etc. complete as per direction of E.I.C.	5.00	One Square Metre		
98	Repairing of rolling shutter including removing, servicing by applying grease replacing MS springs and refixing in position etc., including all incidental items etc., complete as directed.	1.00	Each		
99	Providing and fixing Chicken Wire mesh of approved quality and design on the wall / floor/ roof surface including fixing of nails at all height for further plaster work etc complete as per direction of Engineer-in-Charge.	10.00	One Square Metre		

## DNIT

100	Providing and erecting single scaffolding system on the external side up to three storey high made with seasoned bamboo @ 1.50mtr Centre to centre both in horizontal and vertical direction joining with ropes and maintaining in a servicable condition for the rerquired duration as approved and removing it there after. The scaffolding system shall be tied firmly with the building near by where ever required for maintenance work at required locations with essential safety features for workmen etc. complete as per direction and approval of Engineer-in-charge. (The elevation area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of the scaffolding.)	30.00	One Square Metre		
101	Shifting and re-fixing of scaffolding materials for removing trees from the external walls and roofs of staff Qtrs. up to height about 10.00 mtr.as per the direction of E-I-C.	15.00	One Job		
102	Removing trees and plants from the wall,roof and all parts of the building at any height with application of acid including making good the damages with cement concrete 1:2:4(1cement:2coarse sand:4 graded stone aggregate )20 mm nominal size and finishing with cement plaster 1:4 (1cement:4fine cement) etc. complete as per direction of E.I.C.The rate includes cost of all materials ,labours,T&P,scaffolding and disposal of debris within a lead of 50m.	50.00	Each		
103	P/f 32mm dia rigid pvc long bend for flushing cistern including cutting the floors, connecting with wc pan and making good the damages etc. complete as per direction of engineer in charge.	2.00	Each		
104	P/f C.I/M.S brackets of standard make fixing in 7.5x7.5x15 cm cc block of 1:3:6 (1cement:3coarse sand :6 graded	4.00	Each		
105	Credit for taking into possession dismantling unserviceable gun metal gate valve all complete as per direction of the Engineer-in-charge.				
a)	25mm nominal bore.	5.00	Each		
b)	40 mm nominal bore.	4.00	Each		
c)	50 mm nominal bore.	4.00	Each		
106	Cleaning of septic tank by mechanically/manually including removal of night soil and sludge by mechanical transportation and disposing outside the municipal area as per direction of E.I.C.	10.00	One Cubic Metre		
107	Cleaning of choaked manhole/ inspection chamber and the sewer line between the adjoining manholes including removal of rubbish,clay,debrises,sludge deposit ,blowing water from upper side to down side and disposal of same beyond municipal area including all labours,tools and plants etc.complete as per direction of E.I.C.	50.00	Each		
108	Cleaning of open surface drain of any size i/c removal of debris, clay deposit & disposal within a lead of 50m all complete as directed by Engineer-in-charge.	200.00	One Metre		

## DNIT

109	Cleaning of wash basin/W.C. pan/ Kitchen sink with drain board of any make and size including disposal of unserviceable material beyond municipal area all complete as per direction of Engineer-in-charge.	30.00	Each		
110	Cleaning of Gully trap with bamboo and cotton wiper i/c removal of rubbish, clay debris, sludge deposit etc.	5.00	Each		
111	Cleaning of existing under ground sump of capacity upto 70.00 cum by pumping out water, mud, slush by providing electrical/ Diesel pumping set and cleaning by brushing the inside surface with the help of bleaching powder for removing moss, algae effectively and finally cleaning with clear water after disinfecting with bleaching powder and disposal of waste outside the campus as per direction of Engineer-in-charge.	1.00	Each		
112	Recording date of cleaning on the wall surface of O/H tank and U/G sump with enamel paint all complete as per direction of Engineer-in-Charge.	20.00	Each		
113	Cleaning of over head tanks installed at roof top of staff qtrs. by bailing out dirty water, brushing the inside surface for removing silt, moss, algae effectively with the help of bleaching powder, cleaning the dirt, debris and moss with the help of clear water and finally disinfecting the overhead tanks with bleaching powder and disposal of waste outside the colony as per direction of Engineer-in-charge.	150.00	One Cubic Metre		
114	Floor polishing on mosaic or terrazo floor using mosaic polishing machine including washing with oxalic acid and applying mansion polish etc. and making the floor clean including taking away the debris from the site to outside the building compound ,all complete as per direction of Engineer-in-charge.	30.00	One Square Metre		
115	Repairing of departmental old G.I. sluice valve by repairing of guide, bolt and rubber packing to make the valve water tight etc. complete including painting of valve as per direction of Engineer-in-charge. a) 150 mm dia	2.00	Each		
116	Providing and fixing CP brass towel rail complete with brackets fixed to wooden cleats with CP. Brass screws.				
	a)Towel rail C.P. brass 600x 20mm together with a pair of C.P. brass brackets to fit the size of towel rail	2.00	Each		
117	Providing and Fixing G.I.Elbow of approved quality including removing and refixing of the same in existing water supply lines all complete as per direction of E.I.C.				
	a)15 nominal bore	10.00	Each		
	b)20 mm nominal bore	6.00	Each		
	c)25 mm nominal bore	6.00	Each		
	d)40 mm nominal bore	5.00	Each		
118	Providing & fixing pvc gate valve of approved quality all complete as per the direction of EIC.				
a)	25mm	5.00	Each		
b)	40mm	3.00	Each		
c)	50mm	2.00	Each		

## DNIT

119	Providing and fixing PVC. pipes complete with PVC fittings and clamps of schedule 80, including cutting and making good the walls i/c trenching and refilling etc wherever required.				
a)	20mm	20.00	One Metre		
b)	25mm	40.00	One Metre		
c)	40mm	20.00	One Metre		
d)	50mm	20.00	One Metre		
120	Credit for taking in to possession of old and unserviceable dismantled GI/SCI/steel materials.	150.00	One Kilogram		
121	Credit for taking into possession unserviceable cp /brass bib cock,stop cock,pillar cock including dismantling and removal from site all complete as per direction of engineer in charge	60.00	Each		
122	Supplying Coolie/Beldar for cleaning of drains , cleaning of bushes , grass etc . and of simillar nature of works inside the staff quarter compound , as and when required all complete as per direction of the E-I-C.	12.00	Each		
123	Supplying 2nd class carpenter as and when required for repairing of defective doors windows and cupboard shutters and fittings to make workable complete as per direction of the E-I-C.	5.00	Each		
124	Labour charges for repairing of PVC Flushing cistern by replacing the damaged parts such as syphon,Ball cock, Handle wherever reqd. All complete.	10.00	Each		
125	Providing and fixing gun metal gate valve with C.I. wheel of approved brand ( leader, Shakti or of equivalent make ) and approved quality (screwed end) : A)80 mm nominal bore	1.00	Each		
126	Brick work with fly ash (non modular) bricks of class designation 7.5 in in foundation and plinth in :				
a)	Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00	One Cubic Metre		
127	Providing, laying and jointing PVC pipes of 4kg pressure of approved brand conforming to IS:-13592 with adhesive including testing of joints etc. complete : a)110mm dia pipe	20.00	One Metre		

**For & on behalf of the Bharat Sanchar Nigam Limited**

CONTRACTOR

Executive Engineer(C)  
BSNL Civil Division  
Bhubaneswar