



SPECIAL CONDITIONS AND SPECIFICATION OF CONTRACT PART-II

Name of Work:- Vadodara(P) :- Annual Maintenance Contract of underground drainage system and manholes under the jurisdiction of Sr. Section Engineer (Works) BRCP (For 24 months.)

GENERAL: -

1. Before quoting the rates contractor should inspect all the locations to get himself acquainted with site.
2. The scope of work includes maintenance of underground drainage network for a period of two years.
3. Tenderer has to provide all the labour, materials and equipment for the successful completion of work.
4. Tenderer should use modern equipments for the cleaning of man holes and under round drainage system.
5. In case of any damage to exciting system due to careless working or wrong way of working the Tenderers labour/supervisors necessary deductions as deemed fit by the Railways will be recovered from the bill of the Tenderer.
6. Tenderer shall be responsible for the adoption of safe working practices by his staff.
7. All the persons engaged by the tenderer shall be on his pay roll and be paid by him. Railway will not incur any liability in his regard. The tenderer shall make regular payment of wages and salaries to the person engaged by him as required under labour law and he should able to show to railway administration as and when demanded.
8. In the manholes there may be chances of presence of foul/poisonous gases. Hence, it should be ensured by Tenderer that before anybody enters in the manholes degasification of manholes is done by the Tenderer for which no extra payment will be made by the Railways.
9. At all the locations labour should work under the guidance of qualified supervisors, who should be well conversant with this type of work.
10. As tenderers labour has to work in service buildings and near residential accommodations, integrity of the labour employed by him should be certified by tenderer. The tenderer shall be responsible for the proper behavior and the persons employed by him and exercise control over them. He shall also be bound to prohibit and prevent his employees from taking any direct or indirect interest.
11. The tenderer must extend insurance coverage to all his staff and labours at his own expenses and necessary documents in this regard should be submitted to Railway Administration.



12. Competency of the tenderer's supervisor will be examined by the Railway's representative and if supervision is found incompetent then tenderer has to change his supervisor immediately.
13. If necessary to puncture the underground drainage line to remove obstruction/blockade, tenderer will have to excavate over burden soil and puncture the pipes at his own expenses. After cleaning of drain necessary repairs to restore the pipe line and site will be done by the tenderer at his own expenses.
14. Any damage to the sanitary vessels property etc. will be recovered from the bill of the tenderer.
15. After cleaning of manholes/underground drain the muck collected disposed off at borrow pit within Railway limit as per the instruction of Engineer in charge.
16. Before starting the work, a joint inspection with Railway's representative will be carried out to ensure that all the manholes covered under this contract are provided with proper covers. Then onwards it will be the responsibility of the tenderer to ensure that covers on the manholes are always in position and if any cover is removed for cleaning of manholes it should be replaced after completion of the work. If cleaning of manholes is expected to continue for more than one day then cover should be replaced on the manhole before contractor's men leave the site.
17. The lead in this case may be up to 1.50 Kms. Generally, muck should be disposed off inside the railway limit at a suitable place but with the specific instruction of the Engineer in charge, it can be utilized for filling up borrow pits/low lying areas.
18. After completion of work tenderer should clean all the muck of sewage from the work site on the same day.
19. Gang for periodical cleaning must remain present at 7.30 hours on working days along with staff & equipment and complete the pending memo before 12.00 hours on the same day. The 2nd spell will be started at 14.00 hours and the same work will be completed at 17.00 hours on the same day and necessary sign must be obtained from the occupant.
20. Generally, it is expected that tenderers will be doing his work in day time hours but if need arises tenderer has to deploy his staff as and when orders given to attend some location. Such orders may be given during night hours also in case of emergencies.
21. Tenderer will be liable to provide minimum two separate parties daily, which can work independently at two different locations simultaneously.
22. If any cover gets damaged or misplaced information should be given to Engineer in charge and he will in turn ensure issue of new covers in lieu of damage/missing covers, However, carting of manhole covers from IOW's store to manholes will be the responsibility of the Tenderer.



23. On holidays and Sundays at-least one independent gang should be made available for attending emergency calls.
24. Contractor will be responsible for cleaning of underground drainage which includes underground drainage system starting from gulley trap of each residence/service building/any other railway installation to the last disposal point.
25. Contractor will submit the attendance Register of labours who are engaged in this work with Progress bill & final bill which is duly certified by SSE (W) / in charge. Insurance coverage copy of all labours should be also enclosed with above mentioned bills.

SCOPE OF WORK FOR NS ITEM OF SCHEDULE-A

Day to day removal of chock up/obstructions in underground sewer lines of all size (i.e. 100mm, 150mm, 230mm, 300mm, & 450mm dia, 600mm dia) by inserting rope / rods from one manhole and pulling it from other manhole including removal of blocking material like earth, debris, muck & other foreign material from manholes with contractor's own rodding equipment, tools and plant, labour etc. and ensuring free flow of sewage in the sewage line. The rate includes use of safety equipments for manholes of greater depth where obnoxious gases may be available and disposal of muck and its transportation as directed by the Engineer in charge.

SCOPE OF WORK FOR NS ITEM OF SCHEDULE-B

One time pressure Jet cleaning in **every three months (04 times in Year)** of Manhole and underground drainage system using contractors own Jetting machine (Trolley mounted/Truck mounted as per requirement of site) for complete cleaning and removal of hard deposited blocking materials like silt, earth, debris and other foreign materials settled in due course of time due to deposition, which otherwise cannot be removed by conventional method as per item no. 1/NS, so as to ensure complete cleaning of underground drainage pipe of all size i.e. 100mm, 150mm, 230mm, 300mm, & 450mm, 600mm dia including manholes, inspection chamber, gulley traps etc. for efficient working of underground drainage system throughout the year. The rates includes removal and disposal of all muck and blocking material from manholes to a location as directed by engineer in charge, using contractors own labour, material, tools & plants, lead, lift, etc. Complete.

SCOPE OF WORK FOR NS ITEM OF SCHEDULE-C

1. Contractor should use his own self-generated submersible pump/ diesel Pump and generator to pump set. Contents of jack well frequently as required throughout the day to keep the jack well clean and ensure to backflow of water in underground drainage beyond jack well.
2. Contractor should also use his own labour to remove site/ made/ sewage etc. periodically and keep the jack well clean for which no extra payment will be made.



3. Contractor should make standby arrangement of pump etc. to use in case of failure of main pump. If any complaint is received during any day about over flooring of manholes of drains during to rain function of pump on jack well Railway will be at liberty to utilize other sources to carry out the work and recovery the cost of the same from contractor and Rs.800/- penalty shall be imposed on contractor for each day.
4. The contractor will be responsible to taking the pumped sewage to following location: Taking away in his own transportation out of Railway's land limit.

PENALTY CLAUSE: -

- a) If tenderer fails or refuse to carry out the job given to him by Engineer in charge, a fine of Rs.500/- for each job will be charged by the concern Engineer in Charge.
- b) In case if the tenderer fails to carry out the normal maintenance and if there is a complain, the tenderer will be given an opportunity to set right the defect in a time of 24 hours (i.e., one full day and night of calendar date) within which the tenderer must rectify the defect and remove the grievances, failing which the tenderer is liable to pay penalty of Rs.1000/- (Rs. One thousand only) per day per complain and in addition he will not be given the payment on pro-rate basis on that day including the 24 hours notice period.
- c) If contractor fails to carryout the work given to him by Railway authority the work shall be taken up by departmental man power suitable action will be initiated against the Contractor as per GCC

NOTE: This extra penalty is in addition to liquidated damages, penalty clause or any other recovery as prescribed in "General Conditions of Contract" or any other clause of the tender documents.

End of Special Conditions & Specifications of Contract Part II