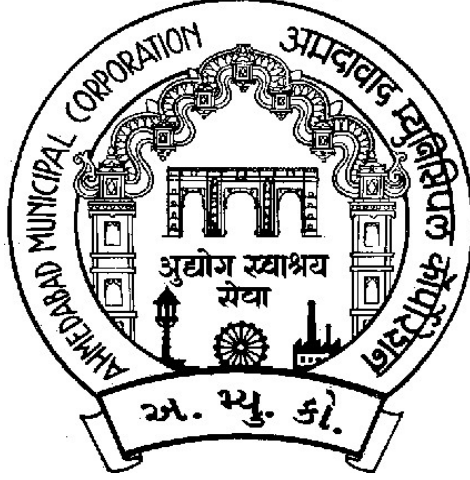


AHMEDABAD MUNICIPAL CORPORATION
NORTH ZONE

E Tender Notice – 04 / 2026-27



TENDER DOCUMENT FOR:- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

Tender No:- 11 (E.T.notice no- 04/2026-27)

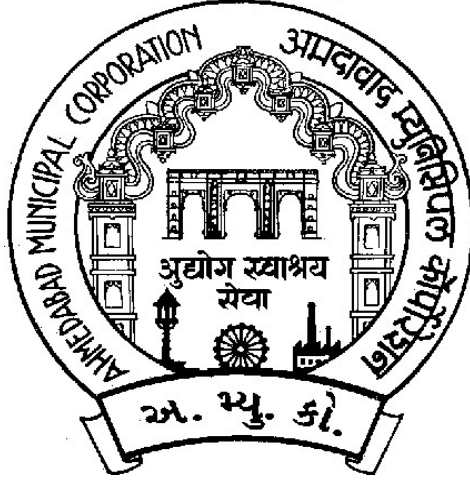
TENDER DOCUMENT

Volume -1 General Conditions & Technical Specification

Volume -2 Price Bid

Dy. Municipal Commissioner (North Zone)
Ahmedabad Municipal Corporation.
Rajiv Gandhi Bhavan , Memco – Naroda Road,
AHMEDABAD-25

**AHMEDABAD MUNICIPAL CORPORATION
NORTH ZONE**



TENDER DOCUMENT FOR:- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

TENDER DOCUMENT

Volume -1
General Conditions & Technical Specification

Dy. Municipal Commissioner (North Zone)
Ahmedabad Municipal Corporation.
Rajiv Gandhi Bhavan , Memco – Naroda Road,
AHMEDABAD-25

**AHMEDABAD MUNICIPAL CORPORATION
NORTH ZONE**

TENDER DOCUMENTS CONTENTS

Volume -1

General Conditions & Technical Specification

SECTION	DESCRIPTION
I	NOTICE INVITING TENDER (NIT) E-Tender Notice no -04/2026-27
II	Memorandum of Work
III	Invitation For Bids (IFB)
IV	Terms & Condition
VI	Technical Specification
VII	Form of BID

DOWNLOADING OF TENDER THE WEBSITE : - As per Notice Inviting Tender.
<http://www.nprocure.com>

LAST DATE OF ONLINE SUBMISSION OF : - As per Notice Inviting Tender.
PRICE BID OF TENDER

LAST DATE OF PHYSICAL SUBMISSION : - As per Notice Inviting Tender.
OF TENDER (Encloses as asked)

OPENING OF TENDER : - As per Notice Inviting Tender.

1. NOTICE INVITING TENDER (NIT)

**AHMEDABAD MUNICIPAL CORPORATION
MAHANAGAR SAVA SADAN**

Rajiv Gandhi Bhavan, Memco-Naroda Road, Ahmedabad

E-Tender Notice No – 04/2026-27 T.No.11

On Line Tenders (E-Tendering) are invited by Ahmedabad Municipal Corporation from the eligible interested bidders who fulfill the qualifying criteria as specified by AMC for different Road, Water, Drainage/SWD & Building work of North zone.

Sr. No	Department	No. of work	Total Amount
1	Building Work	--	-----
2	Drainage & SWD work	--	-----
3	Road / Footpath work	--	-----
4	Water work	--	-----
	Total	--	-----

The bidders are requested to download the tender document of above notice from www.nprocure.com. The Last date of Online Submission of tender is **Dt.- 02.07.2026 Up to 17.00 hrs.** & Physical submission of All relevant document must be submitted by speed post / Hand delivery along with processing fees as mentioned in tender document only as on Dt.- **03.07.2026 Up to 17.00 hrs. in O/o Asst. Manager (North Zone). The technical bid shall be opened online on Dt.- 04.07.2026 at 11.00 hrs.** Any change / correction / corrigendum in respect of above work shall be placed online. Contractors are requested to see the website before 24 hours of submission of their tender.

To,
Assistant Manager (North zone), Ahmedabad Municipal Corporation
North Zone Office Building, Memco-Naroda road, Ahmedabad

Deputy Municipal Commissioner
North Zone

AHMEDABAD MUNICIPAL CORPORATION

"Rajiv Gandhi Bhavan", Memco - Naroda Raod, Ahmedabad-25.

MEMORANDUM OF WORK

Municipal Commissioner invites online e-tenders from interested contractors **TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)**

1	Name of work	TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)
2	Time Limit	12 MONTHS (Including Monsoon)
3	Tender Validity Period	120 Days from the date of opening of the tender
4	Eligibility Criteria	Register "E2" class in PWD in Govt. R&B/CPWD/AMC or equivalent register with any other state Govt. or institutions.
5	Estimated Cost put to tender	Rs. 1000000.00
6	Tender fees (Non refundable)	Rs.900.00 Demand Draft in favour of Municipal Commissioner, Ahmedabad)
7	Earnest Money Deposit	Rs.10000.00 Demand Draft or Bank Guarantee in favor of Municipal Commissioner, AHMEDABAD/) To be submitted as prescribed in 8.0 below. Demand Draft or Bank Guarantee shall be from Nationalized Bank / Scheduled Bank and valid for 180 days.(As per AMC finance dept. circular No-5 Dt.5/5/07 & F.D. Circular No. 29 Dt. 7/08/2010) & attached ANNEXURE - 1 finance dept. circular No - 08 Dt.04/05/12 & finance dept. circular No - 21 Dt.19/06/2020 & finance dept. circular No - 40 Dt.05/11/2020, Finance Dept. Circular No.06 Date- 12-05-2025 Annexure-1
8	Submission of EMD and Tender Fees	In separate sealed cover each for EMD and Tender Fees along with Tender as described in the invitation of tender and submitted to Assistant Manager (NORTH zone) , Rajiv Gandhi Bhavan, Memco-Naroda Road, Ahmedabad To be Submitted Physically As per N.I.T
9	Date of Opening of Technical bid	Technical Bid will be opened online as per N.I.T. in the office of Addl. City Engineer (North Zone), Rajiv Gandhi Bhavan, Memco – Naroda Road, Ahmedabad Municipal Corporation, Ahmedabad
10	Security Deposit	5 % of the Sanctioned Tender Amount in form of Bank Guarantee / Demand Draft / Local MICR Cheque.(As per Annexure-I)
11	Mode of sending the Tender Documents	Price bid should be submitted by online e-tender only and Technical bid should be submitted physically also in sealed envelope systems By RPAD/Speed post/ Hand Delivery in sealed

		covers in Duplicate (One Original & One Duplicate) Each part shall be separately duly sign & seal by contractor .
12	liquidated damages	0.1% of contract price per day from the date of delay. Maximum limit of liquidated damages for delay in completion of work will be 10% of the Contract Price rounded of to the neared thousand.
13	Deduction of Retention Money from each RA Bill	Retention 1. @ 2% of the value of work done will be deducted from each RA bill. It will be released along with release of payment of Final Bill.
14	Place of Arbitration	Ahmedabad
15	Language of Arbitration	English
16	Amount to be deducted from each bill for labour welfare fund (non-refundable)	Welfare cess as per act 1996 @ 1 % of bill amount
17	Terms, Condition, & Specification	All general condition of contract of Form B1 condition of contract shall be applicable..
18	Defect & Liability Period	<p>The contractor shall be responsible to make good and remedy at his own expense any defect which may develop or may be noticed before the period mentioned hereunder from the certified date of completion, The within 15 days of receipt of the notice. In the case of failure on the part of the contractor, the Engineer-in-charge may rectify or remove or re-execute the work at the risk & cost of the contractor. The Engineer-in-charge shall be entitled to appropriate the whole or any part of the amount of security deposit towards the expenses, if any, Incurred by him in rectification, removal or re-execution. The Defects Liability period shall be as under(a) for all works costing upto Rs. 50,000 (amount put to tender), the period shall be 3 months from the certified date of completion.</p> <p>(b) for all works costing more than Rs. 50,000 and upto Rs. 1 crore (amount put tender), the period shall be 6 months from the certified date of completion or one monsoon, whichever is later.</p> <p>(c) for major projects costing more than Rs. 1 crore, the period shall be 12 months from the certified date of completion which should include one monsoon.</p> <p>(d) For building works, the period specified in (a), (b) or (c) above OR elapse of monsoon period following the certified date of completion, whichever is later. For the purpose of deciding the monsoon period, the 30th September may be treated as the last date.</p>
19	Time permitted to start parts of work	<u>Whenever a work is allotted by Engineering staff, whether minor or major of part thereof of any amount, the contractor shall be bound to start the works within 48 hours of intimation of work. Communication done telephonically via SMS, Via Whatsapp and through letter / E-mail shall be considered legal and binding for the same. Failure of comply to start the works in 48 hours of intimation as above by contractor the contractor shall be levied penalty of (1)</u>

		<u>Rs.1000/- per day (for tenders amounting upto 10 Lakhs), (2) Rs.2500 per day (for tenders amounting above 10 Lakhs and upto 30 Lakhs), (3) Rs.5000 per day (for all tenders amounting above 30 Lakhs). Three times failures by contractor shall make contractor responsible to be black listed unless and otherwise justified properly in writing / binding within 15 days of last notice of penalty.</u>
20	Compensation for Delay	10% of Remaining work (As per Circular)
21	Addendum/Corrigendum	Addendum/Corrigendum If any Shall be Published 48 Hrs. Price To the Final Submission Time And Date. The Same Shall From a part Of Tender And The Same As to be Attached Along With The Tender Document.
22	EPF Act	As per Acoount Department circular no-37 Date:09/08/2018
23	GST	GST will be paid extra by AMC/Authority at prevailing rate to the Contractor.

Conditional tenders will not be accepted. Municipal Commissioner reserves the rights to reject any or all the tenders without assigning any reasons there of.

Seal and Signature of the Bidder

**Add. City Engineer
(North Zone)**

ANNEXURE – I

(A) Guarantee issued by following banks will be accepted as SD/EMD on permanent basis.

All nationalized Banks

(B) Guarantees issued by following banks will be accepted as SD/EMD for the period up to March- 31, 2026. The validity cut-off date in the GR is with respect to the date of issue of Bank Guarantee irrespective of the date of termination of Bank Guarantee.

(I) Commercial Banks :-

1. Axis Bank
2. A U Small Finance Bank
3. Bandhan Bank
4. Barclays Bank
5. City Union Bank
6. CSB Bank
7. DBS Bank India Limited
8. DCB Bank
9. Equitas Small Finance Bank
10. ESAF Small Finance Bank
11. Federal Bank
12. HDFC Bank
13. HSBC Bank
14. ICICI Bank
15. IDBI Bank
16. IDFC First Bank
17. Jammu and Kashmir Bank
18. Jana Small Finance Bank
19. Karnataka Bank
20. Karur Vysya Bank
21. Kotak Mahindra Bank
22. South Indian Bank
23. Standard Chartered Bank
24. Tamilnadu Mercantile Bank
25. Utkarsh Small Finance Bank
26. YES Bank

(II) Co-operative and Rural Banks Of Gujarat :-

1. The Ahmedabad Mercantile Co-operative Bank Limited
2. Nutan nagrik Sahakari Bank Limited
3. Rajkot Nagarik Sahakari Bank Limited
4. Saraswat Co-operative Bank
5. SBPP Co-operative Bank

6. SVC Co-operative Bank
7. The Cosmos co-opretive Bank
8. The Gujarat State Co-Operative Bank
9. The Mehsana Urban Co-operative Bank Limited
10. The Surat District Co-operative Bank
11. The Surat Peoples Co-operative Bank
12. Kalupur Commerical Co-operative Bank Limited
13. The Panchmahal District Co-operative Bank
14. The Baroda District Co-operative Bank
15. Baroda Gujarat Gramin Bank
16. Saurashtra Gramin Bank

Seal and Signature of the Bidder

**Addl City Engineer
(North Zone)**

AHMEDABAD MUNICIPAL CORPORATION

Invitation for Bid (IFB)

1. The AHMEDABAD MUNICIPAL CORPORATION,(hereinafter called “the Employer”) invites sealed Tender document from reputed and qualified bidders for the construction of Works detailed in the Table below:-

Sr. No.	Name of Works	Approximate value of works (Rs.)	Earnest Money Deposit (Rs.)	Completion Period
1	TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)	Rs. 1000000.00	Rs.10000.00	12 MONTHS (Including Monsoon)

2. Interested bidders shall download the tender documents from AMC’s website

www.amc.nprocure.com/ www.nprocure.com.

3. Tender (a complete set of bidding document) fee shall be **As per N.I.T** in the form of Demand Draft / Pay Order from any Nationalized Bank in favor of MUNICIPAL COMMISSIONER, Ahmedabad, payable at Ahmedabad, which shall be non refundable. **The Details of Tender fees shall be submit with scan copy at the time of Quoting price bid of the tender and Physically to be submitted along with technical bid Vol.-1 with other enclosure.**

4. All bids must be accompanied by Earnest Money Deposit of the amount specified for the Works in the above Table payable at Ahmedabad and drawn in favor of **MUNICIPAL COMMISSIONER**, Ahmedabad, payable at Ahmedabad,. Earnest Money Deposit will have to be specified in Clause 2 of Financial Condition.

5. Physical submission must be delivered to Asst. Manager (Admin) North Zone, Rajiv Gandhi Bhavan, Memco – Naroda Road, Ahmedabad **As per N.I.T**

6. The Bids will be opened on **As per N.I.T** at the office of Addl.City Engineer (N/Z) , 1st Floor, Rajiv Gandhi Bhavan, Ahmedabad Municipal Corporation, Memco-Naroda road, Ahmedabad-25. in the presence of bidders or their representatives who choose to attend. In the event of the specified date of bid submission/opening being declared a holiday for the Employer, the bids shall be received /opened on the next working day at the same place and the same time.

TERMS & CONDITIONS

(A) INSTRUCTIONS TO BIDDERS (ITB)

(B) GENERAL TERMS & CONDITIONS

(C) FINACIAL TERMS & CONDITIONS

(D) MAIN CONDITION / FETURES OF THE WORK

**AHMEDABAD MUNICIPAL CORPORATION
TERMS & CONDITION**

(A) INSTRUCTIONS TO BIDDERS (ITB)

1. Procedure for Submission of Tender

- a).** The Bidder should quote the price bid in **e- tender** form before last date of online submission as per N.I.T and all other details as asked in the tender.
- b).** The bidder shall submit the following Tender documents physically in hard copy in two separate envelope (marked as “original” and other marked as “Duplicate”) in schedule time by RPAD/ Speed Post/ Hand Delivery in duplicate. This envelope shall be sealed in an outer envelope. The Bid envelopes shall be marked as follows:-
- Tender Document Vol. 1
 - Tender fee
 - EMD
 - Registration certificate of class
 - Power of Attorney
 - Personal Details
 - Enclosures as asked in tender
 - Technical specifications duly sign by contractor.
- c).** The envelope shall be addressed to the Employer at the following address:
Assistant Manager, North Zone,
1st Floor, Rajiv Gandhi Bhavan,
Memco-Norada Road,
Ahmedabad-25.
- d).** Bear the following identification:

“TO BE OPENED ONLY IN PRESENCE OF THE EVALUATION COMMITTEE”
- e).** Indicate the name and address of the bidder.
If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the bid.
- f).** All information has to be typed or hand written legibly. All pages of the Bid have to be initialed by the bidder.
- g).** ALL INFORMATION HAS TO BE SUBMITTED IN THE PRESCRIBED FORMAT ONLY. Projects for which incomplete information has been provided will not be considered for evaluation. The Bidder may

attach separate sheets if so required. However, the final bound document submitted, has to be submitted in vertical A4 size (210 mm X 297 mm) except Form of Bids.

2. Assessment of Submission

- 2.1 The Employer will open the physically submitted document of all the bids received for the package (except those received late) containing the sealed Tender volume and other enclosures then announce the names of bidders in the presence of bidders or their representatives who choose to attend on the date and time mentioned in the IFB. In the event of specified date of bid opening being declared as a holiday for the Employer, the Tender will be opened at the appointed time and location on the next working day.
- 2.2 In Physical submission, Bidders detailed and tender fee, E.M.D. shall be opened first. The Employer at the opening will announce bidder's names, the presence/or absence of EMD, the amount and validity of EMD furnished with each bid, is valid registration and such other details, as the Employer may consider appropriate.
- 2.3 The Employer will determine whether the bid is accompanied by the required EMD.
- 2.4 If the EMD furnished does not conform to the amount and validity period as specified in the Invitation for Bid and has not been furnished in the form, the bid shall be rejected by the Employer as non-responsive and the Tender volume will be returned to the bidder.
- 2.5 Subject to confirmation of the EMD by the issuing bank, the Tender volume accompanied with valid EMD will be taken up for further evaluation. In case, the Bank does not confirm the EMD, the bid shall be rejected as non-responsive and no further evaluation carried out.
- 2.6 The tender volume will further be examined to determine whether the bid has been properly signed, meets the eligibility and qualification criteria, has the required available bid capacity, is accompanied by the requisite certificates, undertaking and other relevant information specified in the bid documents and is substantially responsive to the requirement of the bidding documents and provides any clarification for ascertaining the correctness of the information/details.
- 2.7 The Employer shall prepare besides the record of bid opening, minutes of the Bid opening, including the information disclosed to those present in accordance with Sub Clause 3.2 thereof.
- 2.8 The bidders or their representatives who are present shall sign attendance sheet evidencing their attendance.
- 2.9 If the Tender volume is not substantially responsive, it will be rejected by the Employer and will not subsequently be made responsive by correction or modification or withdrawal of the nonconforming deviation or reservation.

3. Evaluation and Comparison of Tender volume

The Employer will evaluate and compare only those Tender volumes which are determined to be substantially responsive in accordance with Clause 2 and qualified for award of Contract in accordance with Clause 5 (General Terms and Condition).

4. Procedure for Tender Opening

Received copies of tender in physical form within schedule time, will be open on schedule date and time. In the event of specified date of bid opening being declared bidders who qualify the criteria then bidder bid will be considered for opening of price bid. (Following clause no. 5 of ITB).

5. Award

- 5.1 The Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents and who has offered the lowest Evaluated Bid Price, provided that such bidder has been determined to be (i) eligible in accordance with the provisions of Clause 3 (General Terms and Condition); and (ii) qualified in accordance with the provisions of Clause 5 (General Terms and Condition).

6. Notification of Award

- 6.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder by cable/fax and confirmed by registered letter that his bid has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as prescribed by the Contract.

- 6.2 The notification of award will constitute the formation of the Contract.

- 7. As per City Engineer Circular (WRM) no. 6 2011/12 DT: 24/06/2011. A successful Bidder has to deposit security deposit / Bank Guarantee within 15 days after receiving letter of Indent. Time limit of work will commence from the date of issue of work order.**

8. Clarification of Bids

- 8.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for authentication the correctness of the information/details furnished by him in his bid. Such request by the Employer and the response by bidder shall be in writing or by cable/fax.
- 8.2 Subject to above clause, no bidders shall contact the Employer on any matter relating to his bid from the time of bid opening to the time contract is awarded.
- 8.3 Any effort by the bidder to influence the Employer in the Employer's bid evaluation, bid comparison or contract award decisions may result in the rejection of his bid.

9. Process to be Confidential

9.1 Information relating to the examination, clarification, evaluation and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of his bid.

10. Site Visit

10.1 The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the bidder's own expense.

10.2 The bidder and any of its personnel or agents will be granted permission by the Employer to enter its premises and lands for the purpose of such inspection, but only upon the express condition that the bidder, its personnel and agents, will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

Seal and Signature of the Bidder
Date:

Add. City Engineer
(North Zone)

TERMS & CONDITION**(B) GENERAL TERMS & CONDITIONS****1. Scope of Bid**

1.1 The Ahmedabad Municipal Corporation hereinafter called "the Employer" invites Tender document for the construction of works (as defined in these documents, hereinafter referred to as "the Works") detailed in the table given in the IFB.

1.2 The Works consist of:

TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

2. Source of Funds

2.1 The expenditure on these Works will be met by AHMEDABAD MUNICIPAL CORPORATION.

3. Eligible Bidders

3.1 This invitation for bids is open to bidders who has necessary bid capacity and who meet the following requirements:

- A bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practice.
- The bidders shall have a registration with State PWD, and/or CPWD for **Required class** and or equivalent with specialization in road works. If contractor is not registered with AMC in the relevant class, on award of contract he shall be required to register himself with AMC within 3 month's time.

Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.

4. Eligible Material, Equipment and Services

4.1 At the Employer's request, the bidder having offered the lowest evaluated financial bid may be required to provide evidence of the origin of materials, equipment, and services to the satisfaction of the Employer.

4.2 For purposes of Sub Clause 4.1, "origin" means the place where the materials are mined, grown, produced or manufactured; similarly for equipments and from where the services are provided.

5. Qualification of the Bidder

To be qualified for award of Contract, bidders shall:

- a) Submit a written power of attorney authorizing the signatory of the bid to commit the bidder; and

FORM 1**General information**

All individual firms must complete the information in this form. Nationality information shall be provided for all owner(s) or applicant(s) that are partnership or individually owned firms.

1 Name of firm:

2 Head office address:

.....
.....

3 Local office address (if any):

.....
.....

4 Telephone/ Contact:

5 E-mail address:

6 Place of incorporation/registration:

7 Year of incorporation/registration:

- Additional information regarding litigation, debarment, arbitration, etc.
- Affidavit.

5.3 Disqualification

Even though the Bidders may meet the above criteria, they are subject to be disqualified for any of the following reasons:

- a) Misleading or false representation in the forms, statements and attachments submitted and included in document.
- b) Record of poor performance such as abandoning the work, rescinding of contract for which the reasons are attributable to the non-performance of the contractor, consistent history of litigation awarded against the applicant or financial failure due to bankruptcy.
- c) Has been identified by the Employer as poor performer in implementation of ongoing AMC works.

5.4 Debarment/Black listing

Notwithstanding the above, the Employer may debar or blacklist any of the bidder(s) for their misleading or false representations in the forms statements etc. for the period to be decided by the Employer

6. One Bid per Bidder

6.1 Each bidder shall submit only one bid per contract package either by himself or as a partner in a joint venture. A bidder who submits or participates in more than one bid for a contract package will be disqualified.

7. Bidding Documents

The bidder is expected to examine carefully the contents of all the above bid documents. Failures to comply with the requirements of bid documents will be at the bidder's own risk. Pursuant to Clause 16, bids which are not substantially responsive to the requirements of the bidding documents will be rejected.

8. Language of Bid

The bid, and all correspondence and documents related to the bid exchanged between the bidder and the Employer shall be written in the English language. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language, in which case, for purposes of interpretation of the bid, the English translation shall prevail.

9. Bid Prices

9.1. Unless stated otherwise in the bidding documents, the Contract shall be for the whole works as described in bidding documents, based on the percentage rate amount in the Bill of Quantities submitted online by the bidder.

9.2. The bidder shall fill (in e-tender) in percentage rate above or below and total amount **(both in figures and words)** for overall items of the Works provided in the Bill of Quantities

10. Bid Validity

10.1 Bids shall remain valid as per Instruction to Bidders (ITB) after that deadline date for bid submission specified in Clause. The Employer as non-responsive shall reject a bid valid for a shorter period.

10.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request the bidders to extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by fax. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause 2 (Financial Terms & Conditions) in all respects.

11. Format and Signing of Bid

- 11.1 The bidder shall prepare two copies of the documents comprising the bid as described in Instructions to Bidders.
- 11.2 The bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the bidder.
- 11.3 The bid shall contain no alterations, omissions or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the bidder, in which case the person or persons signing the bid shall initial all such corrections.
- 11.4 All witnesses and sureties shall be persons of status and probity and their full names, Occupations and addresses shall be printed below their signatures.

12. Deadline for Submission of Bids

Bids must be received by the Employer at the address specified above not later than the time and date specified in the IFB.

13. Late Bids

Any bid received by the Employer after the deadline for submission of bids will be returned unopened to the bidder.

14. Signing of Agreement

At the same time that the Employer notifies the successful bidder that his bid has been accepted, the Employer will direct him to submit the Performance Security and attend the Employer's office on a date determined by the Employer for signing the Form of Agreement.

15. The selection process will lay high emphasis on the ability and competency of contractors to do high quality work within the given time schedule.

16. The onus of providing, all necessary company / project related information, in appropriate manner and medium, so as to demonstrate the competency of the bidder and to allow proper evaluation, will rest entirely on the Bidder.

17. All clause shall be operative from the date of issue of work order and up to the expiry of original and extended time limit.

18. Legal Condition:-

• Corrupt or Fraudulent Practices

The Employer will reject a proposal for award if he determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question. The Employer will declare the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by AHMEDABAD MUNICIPAL CORPORATION if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for the contract, or during execution.

-
- ❖ “corrupt practice” means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and
 - ❖ “fraudulent practice” means a misrepresentation of facts in order to influence a Procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.
- Municipal Commissioner reserves the rights to reduce/increase the scope of work and contract without assigning any reason thereof.
 - If Ahmedabad Municipal Corporation is convinced that the Bidder has resorted to material misrepresentation or provided fraudulent information / statement, the said Bidder will be liable for disqualification / rejection at any stage.
 - Proof for fulfillment of eligibility criteria should be submitted along with Tender volume. If the Tender volume is submitted without valid documents and without proof of eligibility criteria it will be rejected.
 - Those who do not meet with the eligibility criteria need not submit the Tender document.
 - Tenders, which do not fulfill all or any of condition or are submitted incomplete in any respect or are conditional tenders, will be rejected.
 - Contractor shall be responsible to obey all Labour Laws, Environmental and Safety Laws.(the existing laws as well as framed from time to time). Any penalties laid due to violation of such laws shall be directly deducted from the contractor's outstanding.

19. Administrative Conditions:-

- **Safety and Signage**

Contractor has to arrange for the complete safety of the persons working for project, users of the road i.e. public and vehicles also. All the arrangements of traffic drums, metal / fiber cones, traffic blinkers, traffic signs as per design, safety tapes etc. to be arranged at site. Necessary florescent marking on traffic signs to be provided so that it should be visible at night. During night working hours safety in charge personnel shall be provided with florescent jackets.

The Contractor has to make all the necessary arrangements for making all the temporary diversions for proper working at site including traffic signages, safety cones, traffic blinkers, barricading tapes, red and green flags etc for making easy smooth and safe conditions for the traffic. The Contractor shall and must provide above at his own cost.

- **Liaison with local authority for electrical connections for the AMC**

The contractor is responsible for liaison with local authority for change in supply connection or new connection on behalf of AMC. It includes filling the necessary application to power Supply

Company, follow up and getting the supply, filling the necessary test reports to the power supply company. All official fees including security deposits and other expenses shall be of initially paid by the contractor.

- **Contractor shall not sub-let the work without permission of the authority.**

Seal and Signature of the Bidder
Date:

Add. City Engineer
(North Zone)

**AHMEDABAD MUNICIPAL CORPORATION
TERMS & CONDITION**

(C) FINACIAL CONDITION

1. Cost and Currencies of Bidding

The bidder shall bear all costs associated with the preparation and submission of his bid and the Employer will in no case be responsible or liable for those costs.

Currencies of Bid and Payment

- The rates and the prices shall be quoted by the bidder entirely in Indian Rupees
- All payments including advances, if any, shall be made in Indian Rupees.

2. Earnest Money Deposit :-

2.1 Bank guarantees (and other instruments having fixed validity) issued as surety for the bid shall be valid for 28 days beyond the validity of the bid.

2.2 The EMD of the unsuccessful bidders, except for L1, L2 and L3 bidders, will be returned as promptly as possible as but not later than 28 days after the expiration of the period of bid validity.

2.3 The EMD of the successful bidder, along with second and third lowest tenders, will be returned when the bidder has furnished the required performance security and signed the agreement.

2.4 Earnest Money Deposit may be forfeited

- a) if the bidder withdraws his bid during the period of bid validity;
- b) in the case of a successful bidder, if the bidder fails within the specified time limit to
 - i) furnish the required Performance Security or
 - ii) sign the Agreement.

3. (A) Security Deposit :-

Within 15 (Fifteen) days of the date of receipt of the Letter of Acceptance, the successful bidder shall deliver to the Employer, a Initial Security Deposit in the form of a Bank Guarantee for an amount equivalent to **5% (five percent)** of the Contract Price .

The Security Deposit to be provided by the successful bidder in the form of a bank guarantee as per format shall be issued from any Nationalized or RBI approved foreign bank having net worth of more than Rs.500 Crore of Indian Operation and acceptable to Employer.

(C) Retention :-

- a).Retention @ 2% of the value of work done will be deducted from each RA bill. It will be released along with release of payment of Final Bill.

4. Approved Bank: - As per AMC finance Department circular No-06 Dt.12-05-2025

5. No advance for machinery or materials will be given.

6. Mobilization advance will not be given.

7. Quantities in B.O.Q. may vary up to any extent and contractor shall not claim any extra rate for the same.

8. Penalty: - Compensation for (0.10%) zero point one percentage of Delay contract price for uncompleted work per day subject to a maximum up to ten percentage of contract price or as decided by Municipal Commissioner.

9. Tax, Duties on Materials

All charge on account of Octroi ,excise duties, terminal tax, sales tax. Service tax, VAT etc. on material procurement or any other component for the works from any source shall be borne by the contractors. GST will be paid extra by AMC/Authority at prevailing rate to the Contractor.

All duties, taxes, Service Tax and other levies payable by the Contractor under the Contract, or for any other cause as of the date 28 days prior to the deadline for submission of the bids, shall be included in the rates and prices and the total bid price submitted by the bidder and the evaluation and comparison of bids by the Employer shall be made accordingly.

Seal and Signature of the Bidder
Date:

Add. City Engineer
(North Zone)

AHMEDABAD MUNICIPAL CORPORATION

Tender form B-1

FORM B-1 OF GUJARAT STATE ROADS AND BUILDING DEPARTMENT /
WATER RESOURCES DEPARTMENT *may be referred. (only English version)*

Note binding on the contractors

01. The terms and conditions of contract mentioned in the Clause no 1 to 77 of Form B-1 of Gujarat State Road and Building Department / Water Resources Department shall be applicable. Binding on the contractors unless specifically mentioned about it hereunder in clause no.15 to 20

02. Please read "Ahmedabad Municipal Corporation" instead of "Government / Government of Gujarat" wherever written.

03. Please read "Ahmedabad Municipal Corporation" instead of "Government of Gujarat State Public Works Department/Public Works Department/ Government" wherever written.

04. Please read "City Engineer" instead of "Superintending Engineer" or "Executive Engineer" wherever written.

05. "Ahmedabad Municipal Corporation" herein called as "AMC"

06. "Governor for the state of Gujarat" shall be read as "Municipal Commissioner / Ahmedabad Municipal Corporation"

07. The contents / details / information mentioned in the relevant point under the heading

08. The contents / details / information mentioned in the relevant point under the heading
"NOTICE INVITING TENDERS" may be read as under-

Point No 1 may be read as: Tenders are invited by Municipal Commissioner, AMC for the work of
TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

Ahmedabad. OF AHMEDABAD CITY Point No.3 : The class of contractor shall be as per Memorandum of Works in Brief.

- *The Cl. No. 14.2, 21, 38, 60, 69, 73, 74, 75 shall be read as deleted.*

09. The contents / details / information mentioned in the relevant point under the heading
"ADDITIONAL INSTRUCTIONS TO PERSONS TENDERING" shall be read as under-

- *Point No .2.1 may be read as per the details mentioned in the tender notice*

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10. DECLARATION FORM & DECLARATION CERTIFICATE are given separately in Tender Document and it shall be applicable.
 11. *TENDER FOR WORKS to be read as given in tender documents / **Tender Form**.*
 12. *MEMORANDUM to be read as per the details given in tender notice*
 13. The contents / details / information mentioned in the following **CLAUSE** under the heading **“TERMS AND CONDITION OF CONTRACT”** shall be read as under-
 - **Clause 1: Security Deposit:** *to be read as per the details given separately elsewhere in the tender documents.*
 - **Clause 2: Liquidated Damages for delay:** *to be read as per the details given separately elsewhere in the tender documents.*
 14. **Clause No. 14.2, 21, 38, 60, 69, 73, 74, 75 shall be read as deleted in the form B-1.**

Seal and Signature of the Bidder
Date:

Add. City Engineer
(North Zone)

AHMEDABAD MUNICIPAL CORPORATION
ENGINEERING DEPARTMENT
GENERAL CONDITION

1. Contractor shall produce the relevant registration certificate of AMC / State Govt / Central Govt.
2. Contractor shall register the work to labour commissioner as per labour act.
3. Contractor shall not sub-let the work without permission of the authority
4. Contractor should have sufficient skilled and unskilled laborers so that he shall start work at different sites simultaneously. Contractor's having labour force available during festivals shall only apply. Contractor can not stop the work due to on availability of labour force. In case progress is delayed due to unavailability of labour contractor shall be penalized Rs.1000/- per day of delay separately.
5. No rate difference will be paid for due to any increase in rate of any item due to any reason what so ever.
6. No price escalation / advance payment / machinery advance will be paid.
7. Payment of running bill will be made as per recent A.M.C. policy in force.
8. No extra payment will be made due to increase of central / state Govt. Taxes.
9. If the work is not completed within time limit the penalty will be recovered from immediate bills of contractors.
10. If the material i.e. MH cover C.C block etc. supplied from Municipal Corporation store then contractor shall not claim for any extra rate for non execution of such item, partly/fully.
11. In the specifications, "as directed"/"Approved" shall be taken to mean, "as directed"/approved" by the Engineer-in-charge.
12. Wherever a reference to any Indian Standard appears in the specifications, it shall be taken to mean as a reference to the latest edition of the same in force on the date of agreement.
13. In "Mode of Measurement" in the specifications wherever a dispute arises in the absence of specific mention of a particular point or aspect, the provisions on these particular points, or aspects in the relevant Indian Standards shall be referred to.
14. All measurements and computations, unless otherwise specified, shall be carried out nearest to the following limits:
 - (i) Length, width and depth (height)----- 0.01 Meter.
 - (ii) Areas -----0.01 Sq. Mt.
 - (iii) Cubic Contents -----0.01 Cu.Mt.
15. The distance, which constitutes lead, shall be determined along the shortest practical route and not necessarily the route actually taken. The decision of the Engineer-in-charge in this regard shall be taken as final.
16. Where no lead is specified, it shall mean "all leads"
17. Lift shall be measured from plinth level.
18. Definite particulars covered in the items of work, through not mentioned or elucidated in it, specifications shall be deemed to be included there in.
19. Reference to specifications of materials as made in the detailed specification o f the items of work is in the form of a designation containing the number of the specification of the material and prefix 'M' e.g. 'M-5'.
20. Approval to the samples of various materials given by the Engineer-in-charge shall not absolve the contractor from the responsibility of replacing defective material brought on site or materials used in the work found defective at a later date.
21. The contract rate of the item of work shall be for the work completed in all respects.
22. No collection of materials shall be made before it is got approved from the Engineer-in-charge.
23. Collection of approved materials shall be done at site of work in a systematic manner. Materials shall be stone at site of work in a systematic manner. Materials shall be stored in such a manner as to

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- prevent damage, deterioration or intrusion of foreign matter and to-ensure the preservation of their quality and fitness for the work.
24. Materials, if and when rejected by the Engineer-in-charge, shall be immediately removed from the site of work within 24 hours.
 25. No materials shall be stored prior to, during and after execution shall be kept in sufficient numbers and in good working condition on the site of the work.
 26. All works shall be carried out in workmanlike manners per the best techniques for the particular item.
 27. All tools, templates, machinery and equipment for correct execution of the work as well as for checking lines, levels, alignment of the works during execution shall be kept in sufficient numbers and in good working condition on the site of the work.
 28. The mode, procedure and manner of execution shall be such that it does not cause damage or over loading of the various components of the structure during execution or after completion of the structure.
 29. All necessary safety measures and precaution (including those laid down in the various relevant Indian Standards) shall be taken to ensure the safety of men, materials and machinery on the works as also of the work itself.
 30. The testing charges of all materials shall be borne by the Contractor unless recovery at one percent towards testing charges is separately made.

INSTRUCTION TO TENDERERS

TENDER VALIDITY PERIOD:

The tender shall be kept valid for acceptance for a period of One Hundred Twenty Calendar days **(120)** from opening of price bids.

SECURITY DEPOSIT

Within 15 days of receipt of Acceptance from the Corporation, the successful tender shall furnish to the Corporation Security Deposit of **5% (five percent)** of the contract price cheque or Bank Guarantee, pay order, or demand draft of Nationalized Banks and Schedule Banks approved by AMC only.

Seal and Signature of the Bidder

Date:

Add. City Engineer

(North Zone)

**AHMEDABAD MUNICIPAL CORPORATION
ENGINEERING DEPARTMENT
GENERAL CONDITION**

1. After sanction of tender a Letter of Intent shall be issued to contractor and in response to that letter, contractor shall have to arrange for Security Deposit within 15 days. If S.D is given within 10days of issuance of Letter of Intent, time limit shall be counted from that date. If S.D is given after 15 days of issuance of letter of intent, contractor shall be fined Rs. 200/- per day of delay and shall be deducted from contractor's bill. In this case time limit shall start latest by the 10th day of letter of intent, Security Deposit of 5% of tender amount shall be deposited by pay order, demand draft, cheque of nationalized bank /scheduled bank by pay order, demand draft, cheque of nationalized bank/scheduled bank only. Contractor shall have to sign contract paper with AMC.
2. In case of earnest money cheque bounce back, contractor's tender shall treated as cancelled and the contractor shall not be given any tender, offer, quotation work in AMC for one year.
3. Conditional tender shall not be accepted
4. Tender validity period is **120** days from the date of opening of tender
5. Muni. Commissioner shall have right to accept, reject the tender as well as the rate at which tender to be accepted and awarded.
6. Specification of tender items shall be as per PWD manual in general/AMC's norms and B-1 form conditions shall be applicable. In case of controversy, Add.C.E's decision shall be final.
7. Contractor shall have to deposit Earnest Money deposit with tender.
8. Work shall be allotted as per contractors registration class.
9. Contractor shall have to work in such a system that there shall be no damage to any service line of electric, telephone, gas, any type of service cable ,drainage or water lines etc. In case of damage to service line, the whole responsibility of accident shall be on contractor's shoulder. It will be responsibility of contractor to safe guard the labours against any accident or damage of lives. In case of police complain, Contractor shall be held responsible for negligence. In case of soil /land collapse, contractor shall be held responsible for not supporting the soil suffering with strutting, shuttering Contractor shall safeguard the labour before allowing the labour to enter in excavated or other site. In case of accident to labours, contractor shall be held responsible for police complain against him. AMC's staff shall be responsible for any accident at the site of the work.
10. Contractor shall take insurance of his all labour. and supervisory staff
11. Only registered contractor shall quote the tender , If the contractor is registered with government then they shall have to apply to registration in AMC within 90 days from the date of work order.
12. AMC'S general condition and Form -B-1 shall be binding to the contractor B-1 Form is put up on AMC's web site.
13. Payment of running bill , final bill shall be as per policy of AMC in force at time of payment
14. Any time of litigation shall be in court of Ahmedabad city jurisdiction only.
15. As per site conditions/requirement of site, there shall be increase or decrease in tender item quantities. In such case contractor shall not have right to any price rise. In case of decrease in any tender item quantity, contractor shall not ask for compensation.
16. If any construction material brought to site by contractor , is not as per specification, or any inferior quality material brought to site, then such rejected material shall be removed from

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- the site within 24 hours, otherwise AMC can throw away such material at any place and recover the amount for such removal work from contractor bill. In this case contractor shall not be entitled for compensation.
17. Cost of testing of material shall be done by the contractor. He shall provide vehicle for taking material/staff from site to testing laboratory/ manufacturing site and contractor shall bear the cost of transportation of staff and material.
 18. Contractor shall work as per labour Act. Contractor shall not be given any payment if labour act rules are not followed or insurance of labour is not taken for work
 19. Contractor shall deposit the material on site in such a way that it should not become obstruction to any one in any way
 20. All type of taxes(e.g. sales tax, surcharge, vat etc) to be by the contractor.
 21. If asked by AMC Engineering staff, contractor shall take photograph of site of work/before start of work, during work and after the completion of work, with digital camera and deposit to AMC office or transfer photograph from camera to AMC computer. No additional cost shall be paid.
 22. In case of cancellation/rejection of tender, contractor shall not be entitled for any compensation Or right
 23. In case of extra item, rate shall be taken from SOR of the year of tender preparation. If item is not available in SOR, then market rate shall be derived by the Eng. dept by rate analysis. Contractor shall not ask for the rates as per his rate analysis. This should be clearly understood and taken in to consideration while quoting the tender by the contractor.
 24. During execution of work, contractor shall take safety measures like protection by ropes, drums, danger sign boards, plastic strips, bamboos, wooden poles etc as per requirement & instruction of Engg.- in- charge. In case of accident due to lack of protection, contractor shall responsible for police complains, compensation etc AMC staff shall not be held responsible for contractors negligency.
 25. If instructed by AMC officials, contractor shall have to keep daily progress register and get is signed by Ass. city Engineer. Contractor shall maintain record of daily No. of labours, employed, work done, rectification work carried out by contractor after Eng.-in-charge inspection & the compliance of the same. If such rectification work is not done by contractor within 24 days the contractor shall be finned Rs. 250/- day of delay & shall be recovered from the contractors bill
 26. Contractor is not entitled for any type of compensation or right for the cancellation of tender or tender items by any means.
 27. If work is not completed within specified time limit penalty shall be recovered from bills as per tender condition.
 28. Deduction from bills shall be done as per rules prevailing or the rules which shall come in to force, by State or Central Govt.
 29. 1% amount shall be deducted for labour welfare fund as per state Govt order.
 30. Quantity in item is tentative. It is likely to be change.(increase or decrease) as per site requirement during execution of work.
 31. All above conditions shall over rule the conditions given in Form B-1
 32. Contractor shall have to register the work as per labour act & as per building safety act, 1906 with ,Dy.Director building safety act, Shram bhavan, 5th floor labour commissioner office, Khanpur, Ahmedabad.

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33. Befor quoting tender, contractor shall have to take complete information of the work after seeing site and from the concerned Asst. Engineer or Asst. city engineer.
 34. In case of the bank detail are not given then EMD return procedure shall be delayed.
 35. Before quoting the tender contractor should know that, he has seen the site & understood the item of works, site conditions. He should be in a position to provide labours at the time of festivals like Holi, Diwali, Navratri, Marriage season, rainy season or any other time of the year Contractor can not say that he has no labours due to festivals.

I have read all above conditions carefully and ready to work as per above conditions.

Seal and Signature of the Bidder
Date:

Add. City Engineer
(North Zone)

અમદાવાદ મ્યુનિસિપલ કોર્પોરેશન
કામ માટેનું ટકાવારી દર વાળું ટેન્ડર અને કોન્ટ્રાક્ટ
ટેન્ડર માટેની શરતો

૧ ટેન્ડરની લાયકાત

૧ અ: આ ટેન્ડર જે તે વર્ગના અ.મ્યુ.કો અથવા કેન્દ્ર અથવા રાજ્ય સરકારની માન્ય યાદીના કોન્ટ્રાક્ટરો ભરી શકશે. ગવર્નમેન્ટના માન્ય કોન્ટ્રાક્ટરે અ.મ્યુ.કોર્પો.માં માન્ય કોન્ટ્રાક્ટરોની યાદીમાં રજીસ્ટ્રેશન કરાવવાનું રહેશે.

૧ બ: માન્ય શ્રેણીના કોન્ટ્રાક્ટર તરીકે નોંધણીનાં પ્રમાણપત્રની સ્વપ્રમાણીત કરેલ નકલ ટેન્ડર સાથે જોડવાની રહેશે.

૧ ક: કામ જવાબદાર ટેન્ડરર તેમજ જે ટેન્ડરર સુચવેલ કોન્ટ્રાક્ટરની શ્રેણી આવતા હોય તેમજ કામ કરવા સક્ષમ હોય તેમને જ આપવામાં આવશે. કામ અપાતા પહેલા કોન્ટ્રાક્ટરે કામ સંતોષકારક તેમજ ટાઈમ લીમીટમાં પુરું કરવા જરૂરી સવલત, અનુભવ, ક્ષમતા અને ફાયનાન્સીયલ રીસોર્સ રજુ કરવાના રહેશે.

૧ ડ: અમદાવાદ મ્યુનિસિપલ બોર્ડ ઠરાવ નં - ૩૮૩૬, તા.૨૫/૧૧/૨૦૧૧ થી મળેલ મંજૂરી અનુસાર તથા સીટી.ઈજનેર સરકયુલર, નં - ૧૭, તા.૦૮/૧૨/૨૦૧૨ મુજબ અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનમાં કોન્ટ્રાક્ટર રજીસ્ટ્રેશન ફી, રીન્યુઅલ ફી તથા અપ્રોવેશન ફી અને માપદંડો ધ્યાનમાં રાખી તે મુજબ અમલ કરવાનો રહેશે.

૧ ઈ: ટેન્ડર ભરતા પહેલા ટેન્ડરરે સાઈટ નિરીક્ષણ કરી લેવું. ટેન્ડરર કામના પ્રકાર, હયાત રસ્તા, પાણી માર્ગ, સંચાર અને વપરાશના બીજા રસ્તાઓથી સંતુષ્ટ હોવાનું માની લેવામાં આવશે. ટેન્ડરરે કામને સાઈટ અને બિલ્ડીંગ (કે જે કામ કરવા, કામ પુરું કરવા તથા કામના મેઈટેનન્સ માટે બનાવેલ હોય). તેમજ ટેન્ડરરે આ સાઈટના કામ માટે, બિલ્ડીંગ માટે, યાર્ડ, ડીપો માટેની જગ્યા પોતાની રીતે મેળવી લેવાની રહેશે. (ટેન્ડરનું કામ કરવા, કામ પુરું કરવા તથા કામના મેઈટેનન્સ માટેની જગ્યા)

૨: આ કામની સમય મર્યાદા મેમોરેન્ડમમા જણાવેલ પ્રમાણે ની રહેશે.

૩: ટેન્ડર વેલીડિટી પિરિયડ (૧૨૦) દિવસ સુધીની રહેશે.

૪: ટેન્ડર ફી અને ઇ.એમ.ડી.

૪ અ: ટેન્ડર ફી ડીમાન્ડ ડ્રાફ્ટ થી ચૂકવવાની રહેશે. દરેક ટેન્ડર દીઠ અલગ ટેન્ડર ટેન્ડર ફી ભરવાની રહેશે. ટેન્ડર ભરતી વખતે અર્નેસ્ટમની ભરવાની રહેશે. ઓછી રકમની ટેન્ડર ફી, ઇ.એમ.ડી કે ટેન્ડર ફી, વિનાના ટેન્ડરો રદ બાતલ (કેન્સલ) ગણાશે.

૪ બ: ટેન્ડર સાથે મુકવામા આવતી અર્નેસ્ટમની, ટેન્ડરની રકમના ૧% પ્રમાણે બેંક ગેરંટી/ડીમાન્ડ ડ્રાફ્ટ સ્વીકારવામાં આવશે. દરેક ટેન્ડર દીઠ અલગ ઇ.એમ.ડી ભરવાની રહેશે. ઇ.એમ.ડી રકમ રૂ. ૧ કરોડ સુધીની અંદાજીત રકમના કામ માટે રોકડા, ડીમાન્ડ ડ્રાફ્ટ, બેંક ગેરંટીના સ્વરૂપમા તથા રૂ. ૧ કરોડ થી ઉપરની અંદાજીત રકમના કામ માટે ઇ.એમ.ડી ની રકમ માત્ર ડીમાન્ડ ડ્રાફ્ટ, પે ઓર્ડર કે બેંક ગેટરીના સ્વરૂપમાં આપવાની રહેશે. અન્ય કોઈ રીતે ભરેલ ઇ.એમ.ડી. માન્ય રાખવામાં નહીં આવે અને ટેન્ડર રદબાતલ ઠરશે.

૪ ક: ટેન્ડર ફી તથા ઇ.એમ.ડીની રકમના ડી.ડી પાછળ કોન્ટ્રાક્ટરશ્રીએ પોતાની સંસ્થાનુ નામ તથા મોબાઈલ નંબર અને પાર્ટી કોડ અવશ્ય લખવાનો રહેશે.

૪ ડ: બેંક ગેરંટી માત્ર અમદાવાદ શહેરની જ સ્વીકારવામા આવશે.

૪ ઈ: ઓછી રકમની ટેન્ડર ફી, ઇ.એમ.ડી કે ટેન્ડર ફી, વિનાના ટેન્ડરો રદ બાતલ (કેન્સલ) ગણાશે.

૫: ટેન્ડર ફોર્મ

૫ અ: ટેન્ડર ફોર્મ અને અનુસૂચિમાંની દરેકે દરેક ખાલી જગ્યા ટેન્ડર ભરનારે ભરી ટેન્ડર ડોક્યુમેન્ટસ પરત કરવાના રહેશે.

૫ બ: કવર ઉપર ટેન્ડર નંબર તથા કોન્ટેક્ટ નંબર જરૂર સ્પષ્ટ દર્શાવવાનો રહેશે. જે કોન્ટ્રાક્ટરશ્રીઓએ રજીસ્ટ્રેશન રીન્યુ કરવેલ ન હોય તે કોન્ટ્રાક્ટરશ્રીએ ટેન્ડર ભરવા નહીં.

૫ ક: કોન્ટ્રાક્ટરોએ ટેન્ડરમા બેંકનુ નામ, ખાતા નંબર, માઈકર નંબર, સરનામુ, મો.નંબર, પાર્ટી કોડ, ઈમેઈલ આઈડી સ્પષ્ટ અક્ષરોમા લખવું.

૫ ડઃ આ ટેન્ડરો ડુપ્લીકેટ કોપીઓ સાથે ભરીને ઉપરોક્ત સરનામે રૂબરૂ/રજીસ્ટર ઓડી./સ્પીડ પોસ્ટ/કુરીઅર થી નિયત સમય મર્યાદામાં મોકલવાના રહેશે. સીગલ ટેન્ડર કોપી/સહી કર્યા વગરની કોપી રદ કરવામાં આવશે.

ઢઃ કોન્ટ્રાક્ટરોએ નીચેની બાબતો કાળજીપુર્વક વાંચવા વિનંતી છે.

- ૧) વધુ કે ઓછાની ટકાવારીના દર શબ્દો તેમજ આંકડામાં આપવા. ટેન્ડર ભરનારે આ રીતે બનતી રકમ પણ ખાનામાં નોંધવી અને રકમનો કુલ સરવાળો મુકવો.
- ૨) કોઈ કંપનીને નામે ટેન્ડર લેવામાં આવ્યું હોય તો કંપની વતી ટેન્ડર પર સહી કરનાર વ્યક્તિને અધિકૃત કરતું મુખત્યારનામું ટેન્ડર સાથે રજુ કરવાનું રહેશે.
- ૩) કોન્ટ્રાક્ટરે ઇન્કમટેક્સ સંબંધિત પાન નંબર તથા બેંક ડીટેઈલ આપવાની રહેશે.
- ૪) કોન્ટ્રાક્ટર પાસે અગાઉના અનુભવા અંગેના પ્રમાણપત્રોની નકલ ટેન્ડર સાથે રજુ કરી શકશે.
- ૫) ટેન્ડર શરતો અને સ્પેશીફિકેશન તથા ભાવ પત્રકના દરેક પાના અને વિગતો પર કોન્ટ્રાક્ટરે સહી કરવી.
- ૬) તમામ સુધારા, છેકછાક અને ઘુંટેલા લખાણ પર કોન્ટ્રાક્ટરે ટુંકી સહી કરવી.
- ૭) ટેન્ડરમાં જો કોઈ સુધારા વધારા હોય તો તે અંગે ટેન્ડર ભરતા પહેલાં છેલ્લે દીવસે નિયત વેબસાઈટ અથવા વોર્ડ કચેરીએ જરૂરી તપાસ કરીને જ ટેન્ડર મોકલવું.

૭ઃ છેકછાક

ટેન્ડર ભરનારને જણાવવામાં આવે છે કે ટેન્ડર દસ્તાવેજોના લખાણમાં કોઈ છેકછાક કે ફેરફાર કરવા દેવાશે નહિ અને આવી કોઈ છેકછાક કે ફેરફાર લેવાશે નહિ, તેનાં લખાણમાં કોઈ ભુલ હોય તો તેના પર ન ઘુંટતા ખોટા લખાણ કે આંકડા પર છેકો મારીને તેના સાચું લખાણ કે આંકડા સ્પષ્ટ ઉકલે તે રીતે લખવા. પ્રત્યેક સુધારા પર ટુંકી સહી કરવી.

૮ અઃ ટેન્ડર રજુ કરતાં પહેલાં ખાસ કરીને ટેન્ડરમાં દર્શાવેલ સુચનાઓનું પાલન કરવામાં આવ્યું નહિ હોય તો ટેન્ડર અમાન્ય ગણવામાં આવશે તેની નોંધ લેવા વિનંતી છે. વળી આ ફોર્મનું મુખપૃષ્ઠ અને કોન્ટ્રાક્ટરોના માર્ગદર્શન માટે સામાન્ય નિયમો અને સુચનાઓ પણ કાળજીપુર્વક વાંચવા વિનંતી છે.

કોઈપણ કારણ દર્શાવ્યા સિવાય કોઈપણ કે બધા ટેન્ડરો અસ્વીકાર કરવાનો હક અબાધિત રહે છે.

ટેન્ડરે બોલપોઉન્ટ પેન ના બદલે શાહી વાળી પેન થી ભરેલા ટેન્ડર તુરંત જ અમાન્ય ગણવામાં આવશે.

૮ બઃ ઉપરની બાબતો ઉપરાંત ટેન્ડર નીચેના સંજોગોમાં તરત અમાન્ય ઠરવાને પાત્ર થશે.

ટેન્ડર ભરનાર, નિયત કામ અથવા કામ માટે મંજૂર કરેલ અથવા ભાવ પત્રકના કોઈ કોડ અથવા પદ્ધતિ અથવા વિગતોમાં મુકેલ શરત અથવા સુધારામાં કોઈ ફેરફાર સુચવતા હોય.

ટેન્ડરનું કોઈ પાનું કે પાના કાઢી નાંખ્યું/નાંખ્યા હોય કે બદલ્યું/બદલ્યા હોય.

બધા સુધારા વધારા અથવા ચોંટાડેલી કાપલીઓ ઉપર ટેન્ડર ભરનારે ટુંકી સહી ન કરી હોય.

ટેન્ડરમાં તેમણે કોઈ છેકછાક કરી હોય, અને

ટેન્ડર ભરનાર અથવા પેઢીની બાબતમાં દરેક ભાગીદાર અથવા તે અંગેનું મુખત્યારનામું ધરાવનાર વ્યક્તિ સહી ન કરે અથવા ટેન્ડરમાં તે માટે રાખવામાં આવેલી જગ્યામાં સહી/સહીઓ ઉપર કોઈ સાક્ષીએ સાખ કરી ન હોય.

૮ કઃ શરતી ટેન્ડર સ્વીકારવામાં આવશે નહીં.

૮ ડઃ ટેન્ડર સ્વીકારવું , રદ કરવું, કોને આપવું અને કયા ભાવથી આપવું તે અંગે મ્યુનિ. કમિશ્નરશ્રીનો નિર્ણય આખરી રહેશે. કોઈ કારણસર જો કોન્ટ્રાક્ટરને કામ ન આપી શકાય તો તે અંગે કોન્ટ્રાક્ટર કોઈપણ પ્રકારનો નુકશાની કે વળતરનો હકક દાવો કરી શકશે નહિ કે કાયદાકીય કાર્યવાહી આ અંગે થઈ શકશે નહિ. ટેન્ડર મંજૂર થયાનો અર્થ કામ આપી જ દેવાનું છે તેવો થઈ શકશે નહિ.

૮ ઈઃ ટેન્ડરમાં કોન્ટ્રાક્ટર દ્વારા ભરેલા ભાવ તમામ પ્રકારના જે તે પ્રવર્તતા સરકારી ટેક્સ સહિતના ભાવ ગણવામાં આવશે. અને તેમાં ચાલુ કામ દરમ્યાન જે કોઈ ફેરફાર થશે તેનો વધારો ચુકવવામાં આવશે નહિં.

૯: વિસંગતિ અને હિસાબ જોગ:

હાથ ધરવાના કામોની બાબત દર્શાવતા ભાવ પત્રક માંના જથ્થા અને રકમની કોઈપણ ભુલયુક્ત નીચેના નિયમો અનુસાર સરભર કરવામાં આવશે.

ટેન્ડર ભરનારે દરના ખાનામાં જણાવેલ શબ્દો અને આંકડા વચ્ચે કોઈ અસંગતિના કેસમાં શબ્દોમાં જણાવેલ રકમ માન્ય રાખવામાં આવશે.

૧૦ અ: કામનો પ્રોગ્રેસ સમય મર્યાદા મુજબ કરવાનો રહેશે. આ સમય મર્યાદા ૧૦ લાખ સુધીના કામ માટે એલ.ઓ.આઈ. આપ્યા તારીખથી ૧૦ દિવસ તથા ૧૦ લાખ થી ઉપરનાં કામ માટે એલ.ઓ.આઈ. આપ્યા તારીખથી ૧૫ દિવસથી શરૂ થયેલ ગણવામાં આવશે. તથા તે સમય દરમિયાન કામની ૫% લેખે ડીપોઝીટ ભરી કરારપત્ર કરવાનો રહેશે.

૧૦ બ: સક્ષમ સત્તા દ્વારા રૂ. ૧૦,૦૦,૦૦૦.૦૦ (દસ લાખ) સુધીના ટેન્ડરની મંજૂરીનો ઠરાવ પાડ્યા બાદ (LOI) આપવામાં આવશે ત્યાર બાદ દિન - ૧૦ માં સિક્યોરીટી ડીપોઝીટ જમા કરાવવાની રહેશે. સિક્યોરીટી ડીપોઝીટ મોડી ભરવાના કિસ્સામાં મ્યુનિ.કોર્પોરેશનમાં પ્રવર્તમાન નિયમ અનુસાર કાર્યવાહી કરવામાં આવશે.

૧૦ ક: મંજૂર થયેલ ટેન્ડરની સમયમર્યાદામાં કામગીરી પૂર્ણ ન થાય તો જેટલા દિવસ કામગીરી મોડી પૂરી કરેલ હોય તેટલા દિવસની પેનલ્ટી ટેન્ડર રકમ (કરાર કિંમત) ના ૦.૧ % મુજબ પ્રતિ દિવસ મુજબ ટેન્ડરમાં મંજૂર થયેલ સમયમર્યાદા બાદના ખરેખર બાકી કામની રકમના મહત્તમ ૧૦% લેખે (લીકવીડીટી ડેમેજીસ) પેનલ્ટી વસુલ કરવામાં આવશે.

૧૧ અ: ચુકવણી

ટેન્ડર ભરેલ દર પુરાં થયેલા કામ માટેના છે અને તેમાં મજૂરી, પાલખ, પ્લાન્ટ, દેખરેખ, સર્વિસ-કામગીરી, વીજળી, રોયલ્ટી વગેરે તમામ ખર્ચનો તથા જરૂર જણાય ત્યારે રાતપાળીના કામને લગતા વધારાના ખર્ચનો સમાવેશ થશે અને ટાંકેલા ભાવ કે દર કરતા વધારાની કોઈ ચુકવણી અંગેના તેમના કોઈ દાવા ધ્યાનમાં લેવાશે નહીં. ટેન્ડર ભરનાર ખોટી રજુઆતને કારણે અથવા કોઈ વ્યક્તિએ (પછી તે બાંધકામ વિભાગનો કર્મચારી હોય કે ન હોય) તેમને આપેલી માહિતીને આધારે પાછળથી કોઈ દાવા રજુ કરવા હકદાર રહેશે નહીં. તેમનું ટેન્ડર ભરવા તથા તેમાં જુદા જુદા ભાવ અને દર ભરવા માટે જરૂરી એવી તમામ માહિતી પોતાના પક્ષે ન મેળવી શકવાને કારણે પોતે ટેન્ડર રજુ કરવાને લીધે અથવા તેમાંથી ઉભા થતા કોઈ જોખમ કે જવાબદારીમાંથી છટકી શકશે નહીં. સદર કામમાં કોઈ પણ જાતના બાંધકામના મટીરીયલ ઉપર ભાવ વધારો આપવામાં આવશે નહિં.

૧૧ બ: કોન્ટ્રાક્ટરોને પેમેન્ટ / રનીંગ બીલ મ્યુનિ. કમિશ્નરશ્રીના જે તે પ્રવર્તમાન નિયમ મુજબ કરવામાં આવશે. તથા મ્યુનિ. કમિશ્નરશ્રી/સીટી ઈજનેરશ્રી ના જે તે વખતનાં સરકયુલર પ્રમાણે કામગીરી/અમલ કરવા બંધનકર્તા રહેશે.

૧૧ ક: કોન્ટ્રાક્ટરના દરેક રનીંગ બીલમાંથી કોન્ટ્રાક્ટરને ચુકવવાની થતી કુલ રકમ (ટેન્ડર મુજબનું પેમેન્ટ + એક્સ્ટ્રા આઈટમ) ઉપર ૨ % લેખે રીટેનશન મની કાપવામાં આવશે જે ફાઈનલ બીલમાં પરત આપવામાં આવશે.

૧૧ ડ: રાજ્ય / કેન્દ્ર સરકારશ્રીના વખતોવખતના કાયદા મુજબ જે કોઈ રકમની કપાત કરવાની થશે તે મુજબ કોન્ટ્રાક્ટરના બીલમાંથી કપાત કરવામાં આવશે.

૧૨: એ) કરાર સંબંધી દસ્તાવેજો કરારના અગત્યના ભાગ ગણાશે અને તે સઘળા સહીતના કરાર સમગ્ર કામને લાગુ પડશે.

બી) ટેન્ડરમાં દર્શાવેલ કામ સંબંધી દસ્તાવેજમાં દર્શાવેલ વિગતમાં વિસંગતતાના કિસ્સામાં નીચે દર્શાવેલ ક્રમાનુસાર દસ્તાવેજમાં દર્શાવેલ વિગત ગ્રાહ્ય રાખવામાં આવશે.

એ) એકમ અને કદ

(૧) ડ્રોઈંગ

(૨) ટેન્ડર ફોર્મનું ભાવપત્રક

(૩) સ્પેશીફિકેશન

ડ્રોઈંગમાં કદ, આકાર, આંકડા કદાચ ખોટા હોય તો માપેલાં કદ, આકારને અનુસરવું.

બી) વર્ણન

(૧) ડ્રોઈંગ

(૨) ટેન્ડર ફોર્મની અનુસુચિ-બી

(૩) સ્પેશીફિકેશન

ભુલ ભરેલા કે ખોટા વર્ણનના કિસ્સામાં આ સંબંધી ઉપરીકક્ષાએ વિસંગતતા અંગેની નોંધ મુકી એડી.સી.ઈ/ડી.મ્યુનિ.કમિ./મ્યુનિ.કમિ.ની મંજૂરી મેળવવામાં આવશે અને તે મુજબ કરવામાં આવેલ નિર્ણય અંતિમ ગણવામાં આવશે.

- ૧૩ : ટેન્ડરરે ડ્રોઈંગ કે સ્પેશીફિકેશનમાં રહેલી કોઈ ક્ષતિ કે ખામીનો ગેરલાભ લેવાની કોશિશ ન કરવી અને ઈજનેર ઈન-ચાર્જ પ્લાન તથા સ્પેશીફિકેશનની ક્ષતિઓ સુધારવી તથા તેનું સાચું અર્થઘટન કરાવવું.
- ૧૪ : આ ઉપરાંત અ.મ્યુ. કોર્પો. ના જનરલ કોન્ટ્રાક્ટ કન્ડીશન પણ માન્ય રાખવાની રહેશે.
- ૧૫ : એકી વખતે એક કરતા વધુ જગ્યાઓએ કામ શરૂ કરવાનો વર્ક ઓર્ડર મળે તો કામ એક સાથે જ બધે શરૂ કરવુ પડશે.
- ૧૬ : ચાલુ કામે સર્વિસ લાઈનને નુકશાન ન થાય તે રીતે કામ કરવાનું રહેશે. જો કોઈ સર્વિસ લાઈનને નુકશાન થશે તો તેની સંપુર્ણ જવાબદારી (જાનમાલ) કોન્ટ્રાક્ટરની પોતાની રહેશે. સાઈટ ઉપર કામ દરમ્યાન મજૂરો કે જનતાના કોઈ માણસના જાનમાલ ને નુકશાન થાય તેની જવાબદારી કોન્ટ્રાક્ટરની રહેશે. પોલીસ ફરીયાદ થાય તો તેની જવાબદારી પણ કોન્ટ્રાક્ટરની રહેશે. ભેખડ ધસી ન પડે તેની જવાબદારી પણ પોલીસ ફરીયાદમા કોન્ટ્રાક્ટરની રહેશે. ભેખડ ધસી ન પડે તે માટે સલામતીના પગલા (જેવા કે દોરડું બાંધી મજૂર ખાડામાં ઉતારવા, સોરીંગ અને સ્ટ્રટીંગ કરવા વિગેરે) લીધા વગર મજૂરને ખાડામાં ઉતારશે તો કોન્ટ્રાક્ટર જ પોલીસ ફરીયાદમા જવાબદાર રહેશે. મ્યુનિ.કોર્પોરેશનનો કોઈપણ સ્ટાફ આના માટે જવાબદાર રહેશે નહિ. મજૂરોનો વિમો પણ ઉતારવો.
- ૧૭ : મટીરીયલ્સ કે બીજા ટેસ્ટીંગ રીપોર્ટ કોન્ટ્રાક્ટરે પોતાના ખર્ચે કોર્પોરેશન જણાવે તે જગ્યાએ કરાવવાના રહેશે. મટીરીયલ્સ લાવવા કે લઈ જવાનો સંપુર્ણ ખર્ચ કોન્ટ્રાક્ટરે ભોગવવાનો રહેશે.
- ૧૮ : સ્થળ પરિસ્થિતિ / જરૂરીયાત મુજબ કામ કરાવતા ટેન્ડરના આઈટમના જથ્થામાં વધ ઘટ થાય તો નિયમ અનુસાર તે અંગે કામ કરવા કોન્ટ્રાક્ટર બંધાયેલા છે.
- ૧૯ : સાઈટ પર લાવવામાં આવેલ માલ સામાન રીજેક્ટ કરવામા આવે તો તુરંત દિન ૧માં પરત લઈ જવાનો રહેશે. અન્યથા તેની નુકશાનની જવાબદારી કોન્ટ્રાક્ટરની રહેશે.
- ૨૦ : કોન્ટ્રાક્ટરને જે કોન્ટ્રાક્ટ આપવામાં આવે છે.તેમા સરકારશ્રીના પ્રવર્તમાન નિયમ મુજબ પી.એફ/લેબર એક્ટ/પોલીસના કાયદાનુ પાલન કરવાનું રહેશે તથા આ અંગે મ્યુનિ.કોર્પોરેશન દ્વારા જે માહિતી માંગવામાં આવે તે આપવાની રહેશે.
- ૨૧ : કોઈપણ કાયદાકીય લીટીગેશન અમદાવાદ શહેરની કોર્ટમા રહેશે.
- ૨૨ : માલ જે તે સ્ટોર્સ ઉપર અથવા સાઈટ ઉપર લોકોને નડતર ન થાય તે રીતે સુચના મુજબ ઉતારવાનો તેમજ ગોઠવવાનો રહેશે.
- ૨૩ : કોઈ પણ સરકારી કરવેરા ભરવાની તમામ જવાબદારી કોન્ટ્રાક્ટરની રહેશે.
- ૨૪ : કોન્ટ્રાક્ટર દ્વારા ટેન્ડરમા દર્શાવેલ સ્પીશીફિકેશન મુજબ સ્ટાન્ડર્ડ મટીરીયલ્સ સ્પેશીફિકેશન મુજબ લાવવાના રહેશે.તથા ટેસ્ટીંગ કરાવવાનું રહેશે.તથા અ અંગે પ્રવર્તમાન મ્યુનિ.કોર્પોરેશનના નિયમોનુ પાલન કરવાનું રહેશે
- ૨૫ : આ ટેન્ડરમાં જો કોઈ આઈટમ રહી ગઈ હોય તો તે અથવા સ્થળ સ્થિતી મુજબ ટેન્ડરમાં સમાવેશ ન હોય તેવી વધારાની કામગીરી કરવાની થાય તેવા કિસ્સામાં મ્યુનિ.કોર્પોરેશનના પ્રવર્તમાન નિયમ અનુસાર વધારાની આઈટમના ભાવ નક્કી કરવામાં આવશે અને તે મુજબ ચુકવણી કરવામાં આવશે.
- ૨૬ : ચાલુ કામ દરમ્યાન પ્રોટેક્શનની સંપુર્ણ જવાબદારી કોન્ટ્રાક્ટરની રહેશે. જેમાં પીપડા,દોરડા, ભયસુચક બોર્ડ,પ્લાસ્ટીક પટી,વિ. કોન્ટ્રાક્ટરે લાવવાનું અને સાચવવાનું રહેશે. અને કોઈપણ અકસ્માત થશે તો તેની સંપુર્ણ જવાબદારી કોન્ટ્રાક્ટરની રહેશે.
- ૨૭ : સ્થળ ઉપર ચાલુ કામગીરી દરમ્યાન કામ કરનાર કોન્ટ્રાક્ટરના મજૂર / કર્મચારી અથવા અન્ય વ્યક્તિના અકસ્માતના કિસ્સામાં લેબર એક્ટ મુજબ કરવાની થતી કાર્યવાહી તથા પોલીસ કાર્યવાહીની જવાબદારી કોન્ટ્રાક્ટરની રહેશે.
- ૨૮ : જો સ્ટાફ સૂચના આપે તે મુજબ સૂચના પોથી કોન્ટ્રાક્ટરે રાખવાની રહેશે. તેમા દરરોજ કરેલ કામગીરી તથા અધિકારીઓએ કામ સુધારવા કે પ્રોગ્રેસ વધારવાના નોંધ કરેલ હોય તો તેનું કોમ્પ્લાયન્સ આપવાનું રહેશે આવી નોંધના જવાબ ન થયે કે તે પ્રમાણે સ્થળ ઉપર અમલ ન થયે કોન્ટ્રાક્ટરને પેનલ્ટી કરવાની સત્તા એડી.સીટી એન્જનીયરશ્રીને રહેશે.
- ૨૯ : દરેક આઈટમના સ્પેશીફિકેશન અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનનાં મંજૂર થયેલ તથા માન્ય રાખેલ સ્પેશીફિકેશન શરતો મુજબ રહેશે જે આઈટમમાં સ્પેશીફિકેશન ન હોય તેવા સંજોગોમાં એડી.સીટી.એન્જનીયરશ્રીનો નિર્ણય આખરી રહેશે.વોટરીંગ કરવામાં નહિ આવે કે દરરોજ વધારાનો ડેબરીઝ ઉપાડવામાં નહિ આવે તો કોન્ટ્રાક્ટરના ખર્ચે અને જોખમે વગર નોટીસે વોટરીંગ કરાવવામાં તથા ડેબરીઝ ઉપાડવામાં આવશે અને બીલમાંથી રકમ કાપી લેવામાં આવશે.

૩૦: લેબર વેલ્ફેર ફંડ માટે હાલમાં રાજ્ય સરકારશ્રીએ કરેલ હુકમ મુજબ ૧%(એક ટકા) રકમ બીલમાંથી કાપી લેવામા આવશે.

૩૧: સદર ટેન્ડરની આઈટમોના ભાવો નાણા ખાતાના સરકયુલર ને.૩૮,તા.૨૧/૧૧/૨૨ તથા સક્ષમ સત્તની મળેલ મંજૂરી મુજબ જી.એસ.ટી. સિવાય ગણત્રીમાં લેવામાં આવેલ તથા પ્રવર્તમાન જી.એસ.ટી. મુજબ ચુકવવા પાત્ર થશે. જેથી તમામ બીડસે તે મુજબની ગણતરી કરી ટેન્ડરો ભરવાના રહેશે.

૩૨. સીક્યુરીટી ડીપોઝીટ / પર્ફોમન્સ ગેરંટીની રકમ રૂા.૧ કરોડ સુધીની અંદાજીત રકમના કામ,ડી.ડી ,બેંક ગેરંટીના સ્વરૂપમા તથા રૂા.૧ કરોડ થી ઉપરની અંદાજીત રકમના કામ માટે સીક્યુરીટી ડીપોઝીટ / પર્ફોમન્સ ગેરંટીની રકમ માત્ર ડી.ડી.,પેઓર્ડર, બેંક ગેરંટી ના સ્વરૂપમા આપવાની રહેશે. ડીમાન્ડ ડ્રાફ્ટ / બેંક ગેરંટી “ મ્યુનિ.કમિશ્નરશ્રી અમદાવાદ ”ના નામનો આપવાનો રહેશે.

૩૩. અમદાવાદ મ્યુનિસિપલ કોર્પોરેશન મ્યુનિસિપલ કમિશનરશ્રીની સેન્ટ્રલ ઓફિસ સરકયુલર નં ૪૧ મુજબ ટેન્ડર દ્વારા The Apprentices Act, 1961 અન્વયે તેઓનુ EMPLOYER નોકરીદાતા તરીકે અવશ્ય રજીસ્ટ્રેશન કરાવવાનુ રહેશે.

એકરારનું ફોર્મ

- ૧) હું/અમે આથી એકરાર કરું છું/કરીએ છીએ કે આ ટેન્ડર રજુ કરતાં પહેલાં મેં/અમે સ્થળની મુલાકાત લીધી છે અને કામને લગતા માલસામાન, મજૂરી અને બીજી બાબતોને લગતી સ્થાનિક પરિસ્થિતિની જાત-માહિતી મેળવી છે.
- ૨) હું/અમે આથી એકરાર કરું છું/કરીએ છીએ કે આ કોન્ટ્રાક્ટરોની શરતો વિગતો અને ટેન્ડરને લગતા દસ્તાવેજો કાળજીપુર્વક અભ્યાસ કર્યો છે અને તે મુજબ તેનો અમલ કરવા સંમત છું/છીએ.

કોન્ટ્રાક્ટરની સહી અને સિકકા
તારીખ :-

ઉત્તર ઝોનનાં વાર્ષિક રેઈટ ટેન્ડરમાં મરામત-નિભાવનાં ડ્રેનેજ, પાણી, રોડ, બિલ્ડીંગના જુદા જુદા કામો તથા સ્ટે.ક.ઠ.નં. ૯૩૯ તા.૨૭.૦૭.૨૦૧૨ થી વાલ્મીકી સમાજની મંડળીઓને આપવામાં આવતા ડ્રેનેજ ડીસીલ્ટીંગના કામો માટે નાગરિક અધિકાર પત્રકમાં જણાવેલ સમય મર્યાદામાં ફરિયાદનો નિકાલ કરવા તેમજ સેવાકીય કામગીરી સમય મર્યાદામાં પુર્ણ થાય તે માટે ઇ-ગર્વનન્સ સી.સી.આર.એસ. પ્રોજેક્ટ અંતર્ગતતા.૨૧.૦૮.૨૦૨૧ના સરકયુલર તથા સીટી ઇજનેર ખાતુ પરિપત્ર નં.૨ તા. ૦૭.૧૦.૨૦૨૩ ના પરિપત્ર, મ્યુ.કમિ.શ્રીની તારીખ ૨૩.૦૪.૨૦૨૬ ની મીનીટસ ઓફ મીટીંગ નાં મુદ્દા નં.૨૧ અનુસંધાને ડ્રાફ્ટ માં સામેલ પેનલ્ટી શરતો ટેન્ડરમાં રાખવાની અને તે મુજબ ની પેનલ્ટી વસુલવાની ટેન્ડર શરતો નીચે મુજબ છે.

૧. સી.સી.આર.એસ.માં નોંધાતી ફરિયાદ વોર્ડનાં ઇજનેર સ્ટાફ દ્વારા કોન્ટ્રાક્ટર/એજન્સીને વોટસએપ/ટેલીફોનીક માધ્યમથી અથવા રૂબરૂ લેખીતમાં ફરિયાદ આપવામાં આવશે.સદર ફરિયાદની કામગીરી એસ.એલ.એ. ની સમય મર્યાદામાં કરવાની રહેશે.
૨. કામગીરી પુર્ણ થયા બાદ તેના ફોટોગ્રાફ, સર્ટીફિકેટ અને કામગીરી પુર્ણ થયા ની જાણ એસ.એલ.એ. સમય મર્યાદામાં વોર્ડના સ્ટાફને કરવાની રહેશે.
૩. જો આપને આપેલ ફરિયાદ એસ.એલ.એ. સમય મર્યાદામાં પુર્ણ નહી થાય તો આ સામેલ કોષ્ટક મુજબની પેનલ્ટી ની રકમ આપનાં બીલ માંથી વસુલ કરવામાં આવશે.
૪. આપને સોંપવામાં આવેલ સી.સી.આર.એસ. ફરિયાદો નો રીપોર્ટ અઠવાડીક ધોરણે નિયત ફોર્મેટમાં પ્રમાણીત કરી વોર્ડ ઓફિસે રજુ કરવાનો રહેશે.
૫. કોન્ટ્રાક્ટર દ્વારા અરજદાર ને ફોન કર્યા બાદ સદર ફરિયાદ અન્ય વોર્ડ કે અન્ય ડિપાર્ટમેન્ટ કે અ.મ્યુ.કોર્પોરેશન ના કાર્યક્ષેત્ર માં ન આવતી હોઈ તેની જાણ વોર્ડ સ્ટાફ ને તાત્કાલિક કરવાની રહેશે.

➤ સી.સી.આર.એસ ફરિયાદ સમય મર્યાદા માં નિકાલ ન થવાના સંજોગો માં કરવાની થતી પેનેલ્ટી ની વિગત નીચે મુજબ છે.

Sr. No.	Department	Category	Problem	SLA	Penalty per one Problem per day in Rs.
1	Engineering	Water>>Engineering	Inadequate water or low inflow pressure - Eng	240 Hours	500
2	Engineering	Water>>Engineering	Leakage In Pipe Line - Eng	48 Hours	500
3	Engineering	Water>>Engineering	Water quality-Polluted water - Eng	24 Hours	500
4	Engineering	Water>>Engineering	No Water - Eng	240 Hours	500
5	Engineering	Drainage>>Engineering	Drain Blockage or Choking on TP road - Eng	48 Hours	500
6	Engineering	Drainage>>Engineering	Overflowing of main line and distribution line on road - Eng	48 Hours	1000
7	Engineering	Drainage>>Engineering	No Drainage Manhole cover - Eng	24 Hours	1000

8	Engineering	Drainage>>Engineering	Frequent Breakdown & Blockage of Drain - Eng	96 Hours	500
9	Engineering	Road	Pot holes on the Road	24 Hours	500
10	Engineering	Road	Patch work Relaying of a portion of road	72 Hours	500
11	Engineering	Road	Deep Pit - Large settlement of road	48 Hours	1000
12	Engineering	Road	Removal of waste-Dust Lying on both side of the road after re surfacing	72 Hours	500
13	Engineering	Footpath	Footpath Repairing Required	168 Hours	500
14	Engineering	Public Building	No Water Supply In A Public Building	24 Hours	500
15	Engineering	Public Building	Public Toilets and Urinals - Repairing of Doors, Windows, Tiles or Sheets	360 Hours	1000
16	Engineering	Public Building	Other Maintenance	168 Hours	500
17	Engineering	Drainage>>Engineering	Contractor Had not disposed off the Manhole Silt Properly - Eng	48 Hours	500
18	Engineering	Drainage>>Engineering	Raising the Manhole Cover & Catch Pit Up To the Road Level - Eng	168 Hours	500
19	Engineering	Drainage>>Engineering	Lowering the Manhole cover & Catch pit - Eng	168 Hours	500
20	Engineering	Drainage>>Engineering	Public Toilets and Urinals - Drainage Line Blockage or Choking	72 Hours	500
21	Engineering	Drainage>>Engineering	Public Toilets and Urinals - Drainage Line Breakage	168 Hours	500
22	Engineering	Water>>Engineering	Public Toilets and Urinals - Non-Availability of Water/Cleaning of Water Tank/Broken Tank Cover	168 Hours	500

Seal and Signature of the Bidder

Date:

**Add. City Engineer
(North Zone)**

એ.આર.સી. ટેન્ડર- શરતો

૧. એ.આર.સી. ટેન્ડરમાં વર્કઓર્ડર આપ્યા બાદ કામ શરૂ કરવાની સમયમર્યાદામાં કોન્ટ્રાક્ટર દ્વારા કામ શરૂ કરવાની જાણ કર્યા બાદ ૨૪ કલાકના કામ શરૂ નહિ કરવામાં આવે તો અન્ય કોન્ટ્રાક્ટર પાસે માર્કેટ રેટથી કોન્ટ્રાક્ટરના ખર્ચે અને જોખમે કામગીરી કરાવવામાં આવશે.
૨. કોન્ટ્રાક્ટરને વર્ક ઓર્ડર આપ્યા બાદ એ.આર.સી. પ્રકારનું ટેન્ડર હોઈ કામની જરૂરીયાત મુજબ ટેલીફોનિક જાણ કરી જે તે કામ શરૂ કરવા કહેવામાં આવશે અને જે કામની જાણ કર્યાના ૨૪ કલાકમાં શરૂ કરવામાં નહિ આવે અને નિયત સમયમર્યાદામાં પુર્ણ કરવામાં નહિ આવે તો જે તે આઈટમના SOR ભાવથી ૧.૫ ગણી પેનલ્ટી વસુલ લેવામાં આવશે.
૩. ત્રણ કે વધુ વાર ઉપર મુજબની અન્ય કોન્ટ્રાક્ટર પાસેથી કામગીરી કરાવવાની ફરજ પડશે અને/અથવા ત્રણ કે વધુ વાર પેનલ્ટી કરવાની ફરજ પડશે તો તે સંજોગોમાં કોન્ટ્રાક્ટરને બ્લેકલીસ્ટ કરવામાં આવશે જેની અંતિમ સત્તા મ્યુ.કમિશ્નરશ્રી ને રહેશે.

Seal and Signature of the Bidder
Date:

Add. City Engineer
North Zone)

TECHNICAL SPECIFICATIONS

SPECIFICATIONS OF MATERIALS

M-1. Water:

- 1.1.** Water shall not be salty or brackish and shall be clean, reasonably clear and free objectionable quantities of silt and traces of oil and injurious alkalis, salts, organic matter and other deleterious material which will either weaken the mortar or concrete or cause efflorescence or attack the steel in R.C.C Container for transport, storage and handling of water shall be clean. Water shall conform to the standards specified in I.S.456-1978.
- 1.2.** If required by the Engineer-in-charge it shall be tested by comparison with distilled water. Comparison shall be made by means of standard cement tests for soundness, time of setting and mortar strength as specified in I.S.269-1976. Any indication of unsoundness, change in time of setting by 30 minutes or more or decrease of more than 10 per cent in strength of mortar prepared with water sample when compared with the results obtained with mortar prepared with distilled water shall be sufficient cause for rejection of water under test.
- 1.3.** Water for curing mortar, concrete or masonry should not be too acidic or too alkaline. It shall be free of elements which significantly affect the hydration reaction or otherwise interfere with the hardening of concrete during curing or those which produce objectionable stains or other unsightly deposits on concrete or mortar surfaces.
- 1.4.** Hard and bitter water shall not be used for curing.
- 1.5.** Portable water will be generally found suitable for curing mortar or concrete.

M-3. Cement :

- 3.1** Cement shall be ordinary Portland slag cement as per I.S. 269-1976 or Portland slag cement as per I.S. 455-1976.

M-4. White Cement :

- 4.1** The white cement shall conform to I.S. 80412-E 1978.

M-5. Coloured Cement:

- 5.1** Coloured cement shall be with white or gray Portland cement as specified in the item of the work.
- 5.2** The pigments used for coloured cement shall be of approved quality and shall not exceed 10% of cement used in the Mix. The mixture of pigment shall be properly grounded to have a uniform colour and shade. The pigments shall have such properties to provide for durability under exposure to sunlight and weather.
- 5.3** The pigment shall have the property such that it is neither by the cement nor detrimental to it.

M-6. Sand:

- 6.1.** Sand shall be natural sand, clean, well graded, hard strong durable and gritty particle free from injurious amounts of dust clay, kankar nodules, soft or flaky particles shale, alkali, salts organic matter, loam, mica or another deleterious substance and shall be got approved from

the Engineer-in-charge. The sand shall not contain more than 8 percent of silt as determined by field test. If necessary the sand shall be washed to make it clean.

- 6.2. Coarse Sand :** The fineness modulus of coarse sand shall not be less than 2.5 and shall not exceed 3.0.

The sieve analysis of coarse shall be as under:

I.S.Sieve	Percentage by weight	I.S.Sieve	Percentage by weight
Designation	Passing Sieve	Designation	Passing Sieve
4.75 mm.	100	600 Micron	30-100
2.36 mm.	90 to 100	300 Micron	5-70
1.18 mm.	70-100	150 Micron	0-50

- 6.3 Fine Sand:** The fineness modulus shall not exceed 1.0. The sieve analysis of fine sand shall be as under:

I.S.Sieve	Percentage by weight	I.S.Sieve	Percentage by weight
Designation	Passing Sieve	Designation	Passing Sieve
4.75 mm.	100	600 Micron	40-85
2.36 mm.	100	300 Micron	5-50
1.18 mm.	70-100	150 Micron	0-10

M-8. Stone Grit:

- 8.1.** Grit shall consist of crushed or broken stone and be hard strong, dense, durable, clean, of proper gradation and free from skin or coating likely to prevent adhesion of mortar. Grit shall generally be cubical in shape and as far as possible flaky elongated pieces shall be avoided. It shall generally comply with the provisions of I.S. 383-1970. Unless special stone of particular quarries is mentioned, grit shall be obtained from the best black trap or equivalent hard stone as approved by the Engineer-in-charge. The grit shall have no deleterious reaction with cement.

- 8.2. The grit shall conform to the following gradation as per sieve analysis:**

I.S.Sieve	Percentage by weight	I.S.Sieve	Percentage by weight
Designation	through Sieve	Designation	through Sieve
12.50 mm.	100%	4.75 mm.	0-20%
10.00 mm.	85-100%	2.36 mm.	0-25%

- 8.3.** The crushing strength of grit will be such as to allow the concrete in which it is used to be built up to the specified strength of concrete.

- 8.4.** The necessary tests for grit shall be carried out as per the requirements of I.S. 2386 (Parts I to VII) 1963, as per instructions of the Engineer-in-charge. The necessity of test will be decided by the Engineer-in-charge.

Sand: Sand shall conform to specification M-6.

- 10.1. Proportion of Mix :** 10.2.1. Mortar shall consist of such proportions of slaked lime and sand as may be specified in the item. The slaked lime and sand be measured by volume.

10.2. Preparation of Mortar :

- 10.3.1.** Lime mortar shall be prepared by wet process as per I.S. 1625-1971. Power driven mill shall be used for preparation of lime mortar. The slaked lime shall be placed in the mill in an even

layer and ground for the 180 revolutions with a sufficient water. Water shall be added as required during grinding (care being taken not to add more water) that will bring the mixed material to a consistency of stiff paste. Thoroughly wetted sand shall then be added evenly and the mixture ground for another 180 revolutions.

- 10.3.** Storage : 10.4.1 Mortar shall always be kept damp, protected from sun and rain till used up, covering it by tarpaulin or open sheds.
- 10.4.** Use : 10.5.1 All mortar shall be used as soon as possible after grinding it should be used on the day on which it is prepared. But in no case mortar made earlier than 36 hours shall be permitted for use.
11. or the Above Building Technical Specification can be Available from Ahmedabad Municipal
- Mode of Measurement should be as per IS 1200

STANDARD DETAILED TECHNICAL SPECIFICATION OF ITEMS

Name of Work:- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

Item No.1

Excavation for foundation up to 1.5 tm. depth in all type of hard and soft soil including sorting out stacking of useful material & disposing of excavated stuff up to 50 tm. lead loose or soft soil, girding, lighting, fencing the trenches', and pits. (depth measured from GL). Etc.comp.

- (A) 0.00 to 1.50 meter depth.
 (B) 1.50 to 3.00 meter depth.
 (C) 3.00 to 5.00 meter depth.

The sewer trench shall be excavated to the alignment and gradient and gradient shown on the plan and section in all sorts of soil including old masonry asphalt roads and wet. Excavation. The sewer excavation shall be commenced at the down stream end of the sewer and be count up to the gradient the trench shall not open more than 60 meters in advance of the completed sewer only when directed by the Engineer in charge looking to the progress of the work in obtaining the formation of the bottom of the trenches the usual methods of using rails a boning rods shall be adopted during the whole of the process. the center line of uniform height shall be carried clearly on each rail the depth of the excavation and invert of the sewer shall be checked by means of boning rod of appropriate length and also by straight edge. The bottom of the trench shall be well rammed before starting laying of lines and cement concrete and masonry work. Where trenches are deep in bad grounds the side shall be supported by suitable timbering of shoring work looking to the nature of soil near big or important structures, the sides of the trenches shall be closely and securely timbered if any settlement of the buildings is anticipated the timberings shall be left in the ground the various materials excavated shall be separately stacked so that in the ground the various materials excavated shall be separately stacked so that in refilling they may be relaid in the same order as before and least possible damage shall be done carpet on the public roads and private properties surface covering consisting of asphalt carpet shall be kept on one side and preserved for reinstatement. the excavated earth shall not be heaped

near the trenchers so as to caused unnecessary obstruction along the trench during inspection trenches etc. shall be tunneled under only as necessary the side of the trenches shall be nearly vertical and plumb & red light shall be placed at each end at intervals as instructed and further protested by rope fence necessary caution boards shall also be erected and draced by the engineer in charge. Whereever possible material excavated form the trenches of whatever kind shall not be placed nearer than 3 meters from the outer edge of the excavated trench the utmost shall have to be taken in refilling the trench so that no damage may be done no sewer no input shall be allowed to be put around the ramming of the filling shall be done and well watered the surplus earth shall be removed directed within 30 meters lead the measurement of the work shall be exact length and width of the work shall be exact length and width of the trench as specified or as per city engineer instructions and depth shall be measured vertical as per section upto invert or the pipe line the city Engineer reserves the right of extra excavation on either side considers necessary for the safety of the safety of the work The bottom and sides of the trench shall be dressed in level and p;umb in all directions before any concrete is laid. In case the excavation is done deeper than required no fillling shall be allowed to bring the fromation to proper level but contractor shall have to lay cement or lime concrete or filling or other cceptable materials as directed by the C.E. at contractor own cost so as to come to proper fromation. In case bad fromations are met with the work shall have be done as per instruction of C.E. Necessary arrangements for watering trenches wll not be allowed to be filled to further. Contractor shall have to make arrangements for access to invert of the sewer and for the inspection of work as ordered by the Engineer. If is required to shift or after the alignment section of diameter of the the contractor shall carry or altered the alignment section or diameter of the pipe the contractor shall carry out the altered work at the rates quoted by him for the original work for items and contractor shall not claim any expenses due to the changes made. In no case work shall be done at night or on sundays & other holidays and during the recess time except in and other holiday the case of bad grounds such as runnig sand where the work must be executed vigrous day night without interruption when so ordered by the Engineer. All existing water pipe strom drains sewer line railway tarct, electric cables etc. which do not in the opinion of engineer required to be changed in location shall be supported and protected from injury by the contractor, The contractor shall be liable to pay all damages to water pipe drains electric and telephone. cable and to private property during the execution of the this contarct and the same will be recovered from the running bills or the deopsit of work whenever it becomes necessary in the opinion of the Enginner to change location of any existing sewers drains etc. not otherwise from in these specifications the contarctor shall do the work of making such change and the work shall be paid for as extra work. All places of public utility etc. shal be kept accessible for use. No extra payment shall be made for land slides and side slopes done without prior approval of the Engineer in charges. The excavation of trencehs shall be done foot wider on each side of the pipe than the inside diameter of the sewer in case of depth excavation exceeding 3 meters shall be allowed and paid for.

Whenever natural soil demands winder excavation then mentioned above the same shall be given after approved by C.E. The rate for excavation for easy jointing and caulking nothing extra shall be paid for this. Refilling of trencehes shall be done only after the grade of line and hydraulic test practicable of the lines are checked and approved of and order given by the engineer in charge. The refilling shall be accompanied by through watering for layers of 0.50 mtrs. Further refilling shall be done thereafter and process should be repeated till trecnhes are completly refilled Temping and ramming with rammers shall have to be done at all place of important work where ordered. Engineer in charge after order to refill the trench is give the trenches shall have to be refilled within 4 days with complete watering. If the contarctor fails to do watering satisfactory corporation shall get it done at the risk and cost of the contractor with or without giving any notice and the expenses incurred in doing so recovered from the contractor either in cost or from his payment through bills.

Item No.2

Extra rate over item of excavation of earth for excavation of asphalt pavement / RCC of thickness up to 0.20 meter including demolishing the asphalt carpet, metal, soiling/cutting Reinforcement etc.comp. with stacking the material as directed.

- A) up to 0.20 meter thickness (By Manual)
- B) Up to 0.30 meter (By any type of Breaker Machine or R.C.C.Cutter machine including cost of operator, fuel, & transportation etc complete.
- C) 0.30 meter & above (By any type of Breaker Machine or R.C.C.Cutter machine including cost of operator, fuel, & transportation etc complete.

Measurement shall be given in Smt. Basis

Item No.3

Refilling the pipeline trencheds incl. ramming, watering, consolodating desposal of surplus stuff as directed within a radius of 3 km.

- (a) Refilling as directed
- (b) --do-- with selected soil brought from outside including all lead

The mode of measurnment shall be on Cmt basis.

Item No.4**Conveyance charge**

All the surplus earth etc. shall be carried away immediately from the site of work to a place within 5 km. distance or as directed and ordered by the Engineer, so as not to cause any inconvenience to the public traffic finding which in view of public safety and traffic convenience. The Corporation shall carry out the work by any other agency at the contractor's risk and cost. if the instructions are not complied within 7 days from the date of order to cart the surplus materials and clear the site, the said work shall be carried out by the Municipal Corporation at the risk and cost of the contractor and no claim or dispute shall be entertained in this respect.

If the filling in trenches after settlement of the earth filling in trenches is to be done and the same shall be carried out by the contractor without asking any extra rate. The contractor shall have to cart the surplus earth after the trenches we will watered and refilled with the sand. The rate of carting including carting of brick bats, metal, rubble vegetable and garbage, if necessary to clear the road surface.

Measurement shall be given in cmt. Basis

Item No.5

Providing and supplying, and jointing ISI mark only standard length stoneware pipes of following class and diameter including excavation for laying of pipes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. compl.

(IS651/1989 or its latest revision) including labour work for lowering, laying, jointing with cement mortar (1:1) proportion, proper position, grade and alignment and all level as directed by engineer in charge including store to site of work jointing material etc complete.

(A) 100 mm dia.

(B) 150 mm dia.

(C) 200 mm dia.

(D) 250 mm dia.

Measurement shall be given in Rmt. Basis

Item No. 6

Lowering, laying and jointing stone ware pipes of following diameter with cement joint in C.M.1:1 proportion in proper position, grade and alignment at all level as directed by Engineer-in-charge including conveyance from store to site of work, jointing materials etc. comp.

(A) 100 mm dia.

(B) 150 mm dia.

(C) 200 mm dia.

(D) 250 mm dia.

Measurement shall be given in Rmt. Basis

Item No. 7

Providing and supplying ISI Standard RCC pipes (of sulphate resisting Cement) in standard lengths of following class and diameter suitable for rubber ring joints (socket and spigot) including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete (GWSSB SOR 2021-22)

Manufacturing, Testing, Supplying, Loading, Transporting To Work Site, Unloading, Lowering In Trenches, Laying And Jointing R.C.C., Np-3 Class Pipes With socket and spigot joints as per IS 458-2003 Including EPDM Rubber ring as per IS 5382-1985 etc. comp. As Directed by engineering in charge.

(A) Np - 3 class 300 mm dia Pipe.

(B) Np - 3 class 450 mm dia Pipe.

(C) Np - 3 class 500 mm dia Pipe

(D) Np - 3 class 600 mm dia Pipe.

This specification covers requirements for manufacturing, testing, supplying, jointing and testing at work sites of Reinforced Cement Concrete (RCC) pipes, of both pressure and not pressure varieties used for pumping mains and sewers. Laying of pipes and fittings/specials is covered in Part: 2. The two parts are complementary and are to be read together for a correct interpretation of the provisions of this specification.

D.7.2 APPLICABLE CODES

The manufacturing, testing, supplying, jointing and testing at work sites of RCC pipes shall comply with all currently applicable statutes, regulations, standards and codes. In particular, the following standards, unless otherwise specified herein, shall be referred. In all cases, the latest revision of the

codes shall be referred to. If the requirements of this specification conflict with the requirements of the codes and standards, this specification shall govern.

D.7.3 MATERIALS

- a.) IS : 458 - Specification for pre-cast concrete pipes (with and without reinforcement)
- b.) IS : 3597 - Method of tests for concrete pipes.
- c.) IS : 5382 - Specification for rubber sealing rings for gas mains, water mains and sewers.

D.7.4 CODE OF PRACTICE

- a.) IS : 456 - Code of practice for plain and reinforced concrete.
- b.) IS : 783 - Code of practice for laying of concrete pipes.

D.7.5 DESIGN

D.7.5.1 Design of RCC pipes shall be in accordance with the relevant clauses of IS : 458

D.7.5.2 The details of reinforcement shall be as per IS : 458.

D7.5.3 The ends of pipes shall be in accordance with relevant clauses of IS : 458

D.7.6 MANUFACTURING

D.7.6.1 GENERAL

D.7.6.1.1 The method of manufacture shall be such that the form and the dimensions of the finished pipes are accurate within the limits specified in relevant clause of IS: 458. The surfaces and edges of the pipes

shall be well defined and true, and their ends shall be square with the longitudinal axis. The ends of the pipes shall be further reinforced by an extra ring of reinforcement to avoid breakage during transportation.

D.7.6.1.2 The R.C.C. pipes and collars/ rubber rings shall be systematically checked for any manufacturing defects by experienced supervisors so as to maintain a high standard of quality.

D.7.6.1.3 Owner/Engineer/its representative or consultants also shall at all reasonable times have free access to the place where the pipes and collars/ rubber rings are manufactured for the purpose of examining and testing the pipes and collars/ rubber rings and of witnessing the test and manufacturing.

D.7.6.1.4 All tests specified either in this specification or in the relevant Indian Standards shall be performed by the supplier/contractor at his own cost and in presence of Owner /Engineer if desired. For this, sufficient notice before testing of the pipes and fittings shall be given to Owner/Engineer in writing.

1.5.1.5 If test is found unsatisfactory, Owner/Engineer may reject any or all pipes of that lot. The decision of Owner/Engineer in this matter shall be final and binding on Contractor and not subjected to any arbitration or appeal.

D7.6 MATERIALS

D.7.6.1 CEMENT

Cement used for the manufacture of RCC pipes and collars shall conform to relevant IS codes. The Pipes shall be manufactured from Ordinary Portland Cement.

D.7.6.2 AGGREGATES

Aggregates used for the manufacture of RCC pipes and collars shall confirm to IS : 383. The maximum size of aggregate should not exceed one-third the thickness of the pipe or 20 mm, whichever is smaller.

D.7.6.3 MIXING AND CURING WATER

Water shall be clean, colorless and free from objectionable quantities of organic matter, alkali, acid, salts or other impurities that might reduce the strength, durability or other desirable qualities of concrete and mortar.

D.7.6.4 REINFORCEMENT

Reinforcement used for the manufacture of the RCC pipes and collars shall be mild steel Grade I or medium tensile steel bars conforming to IS : 432 (Part-1) or hard-drawn steel wire conforming to IS : 432 (Part-2). Reinforcement cages for pipes and collars shall be as per relevant requirements of IS : 458.

D.7.6.5 CONCRETE

Concrete used for the manufacture of RCC pipes and collars shall conform to IS : 456. The minimum cement content and minimum compressive strength of concrete shall be as per relevant requirements of IS: 458. Compressive strength tests shall be conducted on 15 cm cubes or standard size cylinders in accordance with the relevant requirements of IS: 456 and IS: 516.

D.7.6.6 CURING

D.7.6.6.1 Pipes manufactured in compliance with IS : 458 shall be either water cured or steam cured in accordance with the relevant requirements of IS : 458.

D.7.6.7 DIMENSIONS

D.7.6.7.1 The internal diameter, wall thickness and length of barrel and collar of pipes, reinforcement (longitudinal and spiral), type of ends and minimum clear cover to reinforcement and strength test requirements shall be as per the relevant clauses/ tables of IS: 458 for different classes of pipes.

D.7.6.7.2 The tolerances regarding overall length, internal diameter of pipes or sockets and barrel wall thickness shall be as per relevant clause of IS: 458.

D.7.6.8 WORKMANSHIP AND FINISH

D.7.6.8.1 Pipes shall be straight and free from cracks except that craze cracks may be permitted. The ends of the pipes shall be square with their longitudinal axis so that when placed in a straight line in the trench no opening between ends in contact shall exceed 3mm in pipes up to 600 mm diameter (inclusive), and 6 mm in pipes larger than 600 mm diameter. D.7.6.8.2 The outside and inside surfaces of the pipes shall be smooth, dense and hard and shall not be coated with cement wash or other preparation unless otherwise agreed to between Owner/ Engineer and the manufacturer or supplier.

D.7.6.8.3 The pipes shall be free from defects resulting from imperfect grading of the aggregate, mixing or moulding.

D.7.6.8.4 The pipes shall be free from local dents or bulges greater than 3 mm in depth and extending over a length in any direction greater than twice the thickness of barrel.

D.7.6.8.5 The deviation from straight in any pipe throughout its effective length, tested by means of a rigid straight edge parallel to the longitudinal axis of the pipe shall not exceed, for all diameters 3mm for every meter run.

D.7.7 TESTING

D.7.7.1 All Pipes for testing purposes shall be selected at random from the offered stock of the manufacturer and shall be such as would not otherwise be rejected under the criteria of tolerances as mentioned in

IS:458.

D.7.7.2 During manufacture, tests on concrete shall be carried out as per IS: 456. The manufacturer shall supply, when required to do so by Owner/Engineer the results of compressive test of concrete cylinders or cubes made from the concrete used for the pipes. Every pressure pipe shall be tested by the manufacturer for the hydrostatic test pressure.

D.7.7.3 The specimen of Pipes for the following tests shall be selected in accordance with Clause 9.1 of IS: 458 and tests in accordance with the methods described in IS : 3597.

i.) Hydrostatic test

ii.) Three edge bearing test(Including ultimate strength test)

iii.) Absorption test

Note : Three edge bearing load to produce 0.25 mm crack on bottom of pipes shall be as specified in IS: 458.

D.7.8 SAMPLING AND INSPECTION

D.7.8.1 In any consignment, all the pipes of same class and size and manufactured under similar conditions of production shall be grouped together to constitute a lot .The conformity of a lot to the requirements of this specification shall be ascertained on the basis of tests on pipes selected from it.

D.7.8.2 The number of pipes to be selected from the lot for testing shall be in accordance with Table 15 of IS: 458

D.7.8.3 Pipes shall be selected at random from lot size. In order to ensure randomness, all the pipes in the lot may be arranged in a serial order and starting from any pipe.

D.7.8.4 All pipes selected as per clause 9.2 shall be inspected for dimensional requirements, finish and deviation from straight.

D.7.8.5 The number of pipes to be tested for tests under clause 9.2 shall be in accordance with column 4 of Table 15 of IS: 458. These pipes shall be selected from pipes that have satisfied the requirements mentioned in Clause 9.1.1.of IS:458.

D.7.8.6 A lot shall be considered as conforming to the requirements of IS: 458 if the following conditions are satisfied. (a) The number of defective pipes (those not satisfying one or more of the requirements for dimensions, finish and deviation from straight) shall not be more than the permissible number given in column 3 of Table 15 of IS: 458.

(b) All the pipes tested for various tests as per Clause 7,8 & 9.1.1 shall satisfy corresponding requirements of the tests. (c) In case the number of pipes not satisfying requirements of any one or more tests, two further samples of same size shall be selected and tested for the test or tests in which failure has occurred, all these pipes shall satisfy the corresponding requirements of the test.

D.7.9 MARKING

The following information shall be clearly marked on each pipe :

- (a) Internal diameter of pipe
- (b) Class of pipe
- (c) Date of manufacturer
- (d) Pipe numbers and
- (e) Name of manufacturer or his registered trade-mark or both.
- (f) Any other information suggested by Engineer-in-charge.

D.7.10 JOINTING

D.7.10.1 GENERAL

Jointing of RCC pipes shall be done as per the requirements of following specifications and as per the relevant IS. The type of joints shall be collar joint. After jointing, extraneous material, if any, shall be removed from the inside of the pipe and the newly made joints shall be thoroughly cured.

D.7.10.1.2 COLLAR JOINT (RIGID)

After laying the RCC pipes at proper alignment and gradient their abutting faces shall be coated with hot bitumen in liquid condition by means of a brush. The wedge-shaped groove in the end of the pipe shall then be filled with a tarred gasket in one length for each joint. The collar shall then be slipped over the end of the pipe and the next piped butted well against the tarred gasket by suitable appliances approved by Owner/Engineer so as to thoroughly compress the tarred gasket into the grooves, care being taken that the concentricity of the pipes and level are not disturbed during this operation. The collar shall then be placed symmetrically over the end of the two pipes and the space between the inside of the collar and the outside of the pipe filled with a mixture of cement and sand in proportion 1:1, tempered with just sufficient water to have a consistency of the semi-dry conditions, well packed and thoroughly rammed with caulking tools. The joints shall be finished off with a fillet sloping at 45° to the side of the pipe. The finished joints shall be protected and cured thoroughly as directed by owner/engineer. Any plastic solution or cement mortar that may have been squeezed into the inside of the pipe shall be removed so as to leave the inside of the pipe perfectly clean. The pipes having diameter 900mm and above shall be provided internal joint also with CM 1:1 for this purpose directly the edges of the pipes shall be chipped off and then CM shall have to provided. The surface shall be finished smoothly to allow smooth flow.

D.7.11 CLEANING OF PIPES

D.7.11.1 As soon as a stretch of RCC pipes has been laid complete from manhole, for a stretch as directed by owner/Engineer contractor shall run through the pipes both backwards and forwards a double disc or solid or closed cylinder 75mm less in diameter than the internal diameter of pipes. The

open end of an incomplete stretch of pipeline shall be securely closed as may be directed by owner/Engineer to prevent entry of mud or silt etc.

D.7.11.2 If as a result of the removal of any obstructions Owner/Engineer considers that damages may have been caused to the pipelines, he shall be entitled to order the stretch to be tested immediately. Should such test prove unsatisfactory, contractor shall amend the work and carry out such further tests as are required by owner/Engineer.

D.7.11.3 It shall also be ascertained by contractor that each stretch from manhole to manhole or the stretch as directed by Engineer is absolutely clear and without any obstruction by means of visual examination of the interior of the pipe line suitable enlightened by projected sunlight or otherwise.

D.7.12 MEASUREMENT

D.7.12.1 All RCC pipes shall be measured according to the work actually done and no allowance will be made

for any waste in cutting to the exact length required. The measurement for pipes shall be in running meters nearest to a cm. of length along the centre line of pipe as actually laid at work sites.

D.7.12.2 The rate for providing, laying and jointing of RCC pipes shall be deemed to include the cost of

collars/rubber rings, jointing material, testing and extra excavation required for ordinary bedding of pipes and also for collars and pipe sockets, if any.

D.7.13 NOTES

D.7.13.1 If any damage is caused to the pipeline during the execution of work or while cleaning the pipeline as

specified, Contractor shall be held responsible for the same and shall replace the damaged pipeline and the same at his own cost to the full satisfaction of Engineer.

LAYING OF PIPES AND FITTINGS/SPECIALS

D.8.0 SCOPE

This specification covers the requirements for laying of pipes and fittings/specials below ground.

D.8.1 APPLICABLE CODES

The laying of pipes and fittings/ specials shall comply with all currently applicable statutes, regulations,

standards and codes. In particular, the following standards, unless otherwise specified herein, shall be referred to. In all cases, the latest revision of the standards/ codes shall be referred to. If requirements of this specification conflict with the requirements of the standards/codes, this specification shall govern.

D.8.2 CODES OF PRACTICE

(a) IS : 783 - Code of practice for laying of concrete pipes.

(b) IS : 3114 - Code of practice for laying of cast iron pipes.

(c) IS : 3764 - Safety codes for excavation work

(d) IS : 4127 - Code of practice for laying of glazed stoneware pipes

(e) IS : 5822 - Code of practice for laying of welded steel pipes for water supply

(f) IS : 6530 - Code of practice for laying of asbestos cement pressure pipes

D.8.3 CARTING & HANDLING

Pipes and fittings/ specials shall be transported from the factory to the work sites at places along the alignment of pipeline as directed by Owner/ Engineer. Contractor shall be responsible for the safety of pipes and fittings/ specials in transit, loading/ unloading. Every care shall be exercised in handling pipes and fittings/ specials to avoid damage. While unloading, the pipes and fittings/ specials shall not be thrown down from the truck on to hard surfaces. They should be unloaded on timber skids with steadying ropes or by any other approved means. Padding shall be provided between coated pipes, fittings/ specials and timber skids to avoid damage to the coating. Suitable gaps between pipes should be left at intervals in order to permit access from one side to the other. In case of spigot socket pipes, care should be taken regarding orientation of pipes while unloading. As far as possible pipes shall be unloaded on one side of the trench only. The pipes shall be checked for any visible damage (such as broken edges, cracking or spilling of pipe etc.) while unloading and shall be sorted out for reclamation. Any pipe, which shows sufficient damage to preclude it from being used, shall be discarded. Dragging of pipes and fittings/ specials along concrete and similar pavement with hard surfaces shall be prohibited.

D.8.4 STORAGE

D.8.4.1 Each stack of pipes shall contain only pipes of same class and size, with consignment or batch number marked on it with particulars of suppliers/manufacture wherever possible. Storage shall be done on firm level and clean ground and wedges shall be provided at the bottom layer to keep the stack stable. The stack shall be in pyramid shape or the pipes laid length wise and crosswise in alternate layers. The pyramid stack shall be made for smaller diameter pipes for conserving space in storing them. The height of the stack shall not exceed 1.5 m.

D.8.4.2 Fittings/specials shall be stacked under cover and separated from pipes.

D.8.4.3 Rubber rings shall be stored in a clean, cool store away from windows, boiler, electrical equipment and petrol, oils or other chemicals. Particularity in the field where the rubber rings are being used it is desirable that they are not left out on the ground in the sun or overnight under heavy frost or snow conditions.

D.8.5 LAYING

BONING STAVES AND SIGHT RAILS

D.8.5.6.1 In laying the pipes and fittings/ specials the centre for each manhole/ chamber or pipeline shall be marked by a peg. Contractor shall dig holes for and set up two post (about 100mm x 100mm x 1900 mm) at each manhole/ chamber or junction of pipelines at nearly equal distance from the peg and at sufficient distances therefrom to be well clear of all intended excavation, so arranged that a sight rail when fixed at a certain level against the post shall cross the centre line of the manhole/ chamber or pipes lines. The sight rail shall not in any case be more than 30m apart, intermediate rails shall be put up if directed by Owner/Engineer.

D.8.5.6.2 Boning staves of 75mm x 50mm size shall be prepared by Contractor in various lengths, each length being of a certain whole number of meters and a fixed tee-head and fixed intermediate cross pieces, each about 300 mm long. The top-edge of the cross piece must be fixed below the top-edge of this teehead

at a distance equal to the outside diameter of the pipe or the thickness of the concrete bed to be laid as the case may be. The top of cross pieces shall indicate different levels such as excavation for pipe line, top of concrete bed, top of pipe etc. as the case may be.

D.8.5.6.3 The sight rail of size 250 mm x 40 mm shall be screwed with the top edge resting against the level marks. The center line of the pipe shall be marked on the rail and this mark shall denote also the meeting point of the centre lines of any converging pipes. A line drawn from the top edge of one rail to the top edge of the next rail shall be vertically parallel with the bed of the pipe, and the depth of the bed

of pipe at any intermediate point may be determined by letting down the selected boning staff until the tee head comes on the line of sight from rail to rail.

D.8.5.6.4 The post and rails shall be perfectly square and planed smooth on all sides and edges. The rails shall be painted white on both sides, and tee-heads and cross-piece of the boning staves shall be painted black.

D.8.5.6.5 For the pipes converging to manhole/ chamber at various levels, there shall be a rail fixed for every different level. When a rail comes within 0.60 M of the surface of the ground, a higher sight-rail shall be fixed for use with the rail over the next point.

D.8.5.6.6 The posts and rails shall in no case be removed until the trench is excavated, the pipes are laid and Owner/Engineer gives permission to proceed with the back filling.

BEDDING

The type of bedding for pipes shall be granular bedding as specified and directed by Engineer-incharge.

D.8.5.8 Laying of pipes and fittings/specials

All precautions shall be taken during excavation and laying operations to guard against possible damage to any existing structure/ pipeline of water, gas, sewage etc. After excavation of trenches, pipes shall not be lowered unless the dimensions of trenches and bedding work for pipes at the bottom of the trenches are approved and measured by Owner/Engineer. Pipes and fittings/specials shall be carefully lowered in the trenches. Special arrangements such as cranes, tripods with chain pulley block for lowering the pipes and fittings/ specials shall be made by Contractor. In no case pipes and fittings/specials shall be dropped. Slings of canvas or equally non-abrasive material of suitable width or special attachment to fit the ends of pipes and fittings/ specials shall be used to lift and lower the coated pipes and fittings/specials. The pipes and fittings/specials shall be inspected for defects and be rung with a light hammer preferably while suspended to detect cracks. If doubt persists, further confirmation shall be done by pouring a little kerosene/dye on the inside of the pipe at the suspected spot. No sign of kerosene/dye should appear on the outside surface. Pipes and fittings/specials damaged during lowering or aligning shall be rejected by Owner/ Engineer.

D.8.5.8.1 All the pipes are to be laid perfectly true both in alignment and to gradient specified. In case of spigot and socket pipe the socket end of the pipe shall face upstream, except when the pipelines

runs uphill in which case the socket ends should face the upgrade. The lying of pipes shall always proceed upgrade of a slope. After placing a pipe in the trench, the spigot end shall be entered in the socket and the pipe forced home and aligned to required gradients. The pipes shall be secured in place with approved backfill material tamped under it except at the socket. Pipes and fittings/ specials which do not allow a

sufficient and uniform space for joints shall be removed and replaced with pipes and fittings/ specials of proper dimensions to ensure such uniform space. Precautions shall be taken to prevent dirt from entering the jointing space. At times when pipe laying is not in progress, the open ends of pipe shall be closed by a watertight plug or other means approved by Owner/ Engineer. During the period that the plug is on, the Contractor shall take proper precautions against floating of the pipe owing to entry of water into the trench. Wherever it is necessary to deflect pipe from a straight line, either in the vertical or horizontal plane, to avoid obstruction or where long radius curve are permitted the deflection allowed at joints shall not exceed 2 1/2°. In case of pipes, with joint to be made with loose collars, the collars shall be slipped on before the next pipe is laid. The pipes shall be laid such that the marking on pipes appears at the top of the pipes.

D.8.5.8.2 The cutting of pipe for inserting valves, fittings or specials shall be done in a neat and workman like manner without damage to the pipe so as to leave a smooth end at right angles to the axis of the pipe. For this purpose, pipe-cutting machine shall be used.

D.8.5.9 THRUST BLOCKS

Thrust blocks shall be provided, to counteract hydraulic thrust, at places wherever directed by owner/engineer and as per relevant drawing

D.8.5.10 JOINTING

Jointing for pipes and fittings/specials shall be done in accordance with the relevant specifications depending upon the type of pipes being used.

D.8.5.11 TESTING AND COMMISSION

Testing and commissioning of pipes shall be done in accordance with the relevant specifications.

D.8.5.12 BACKFILLING

Trenches shall be back filled with approved selected excavated material only after the successful testing of the pipeline. The tamping around the pipe shall be done by hand or other hand-operated mechanical means. The water content of the soil shall be as near the optimum moisture content as possible. Filling of the trench shall be carried out simultaneously on both sides of the pipe in such a manner that unequal pressure does not occur. Back filling shall be done in layers not exceeding 45 cm. Each layer shall be consolidated by watering, ramming, care being taken to avoid damage to the pipeline. In case of mild steel Pipes/specials, the spiders provided during assembly and welding shall be retained until the trench is refilled and consolidated. Where timbers are placed under the pipeline to aid alignment, these timbers shall be removed before back filling.

D.8.5.13 REINSTATEMENT OF ROAD/FOOTPATH

Reinstatement of road/footpath shall be done as per the requirements of local authorities and the relevant specification after completion of work.

D.8.5.14 CLEARING OF SITES

All surplus materials, and all tools and temporary structures shall be removed from the site as directed by Owner/Engineer and the construction site left clean to the satisfaction of Owner/Engineer.

D.8.6 MEASUREMENT

D.8.6.1 The measurement for excavation in trenches shall be done in following manner and will be paid accordingly.

- i. Length : As per the actual length of pipes and fittings/special laid at work site.
- ii. Width & Cross sections : As per instructions of Engineer-in-charge.
- iii. Depth : Average depth of trench from ground level to the bottom level of bedding.

D.8.6.6 Measurement for pipes and fittings/ specials shall be in accordance with the relevant clause(s) of specification for particular type of pipes.

D.8.7 Notes

D.8.7.1 Fencing provided along the sides of trenches and pits shall not be paid for separately and Contractor shall take into account the costs of such works and quote accordingly.

D.8.7.2 In case of the metal packing or dressed stones not being deposited as specified or being mixed up with excavated materials and not available for the reinstatement of road/pavement, the cost of the metal packing or dressed stones required shall be charged to Contractor by Owner/Engineer.

D.8.7.3 Service lines if damaged during excavation shall be made good either by contractor or by other agency as Owner/Engineer may decide and wholly in either case at the expense of Contractor. For the service lines of water and drainage above 150mm dia., the cost of the diversion, supporting etc. will be paid extra as per actual.

D.8.7.4 Contractor shall not be paid any additional compensation for excess excavation over what is specified as well as for any remedial measures that are specified.

D.8.7.5 The excess excavated material shall be carried away from site of works as specified, failing which in view of public safety and traffic conveniences Owner/Engineer may carry out the work by any other agency at Contractor's risk and cost.

Measurement shall be given in Rmt. Basis

Item No. 8

Lowering, laying and jointing R.C.C. pipes in C.M.1:1 1/2 of following diameters in proper position , grade and alignment at all level as directed by Engineer-in- charge including conveyance from stone to site of work, labour giving hydraulic testing as per ISI code.

As Per Item no.7

The mode of measurement shall be on Smt. basis.

Item No. 09

Constructing Chamber of following size including excavation, refilling, BBCC (1:5:10) for foundation, C.C.Channel (1:2:4), finished 15 mm thick cement plaster inside

in CM 1:3, finishing with cement slurry, Brick masonry in CM 1:5 & excluding the cost of chamber seat cover etc.completed.

A	0.60 X 0.45 mt. size Inside Clear, Depth from 0.0 to 0.90 meter
B	0.60 X 0.75 mt. size Inside Clear, Depth from 0.0 to 0.90 meter.
C	0.75 X 0.75 mt. size (Inside Clear) Depth from 0.0 to 1.20 meter.

The inspection chamber shall be constructed as per plan and section approved by the city engineer. The specifications for different items are as under:

i) Excavation: This shall be done as per specification in Item No. 21

ii) Brickbats lime concrete: Lime used shall be got approved by the Engineer in charge before starting the work. This shall comply with specification in general.

Sand to be used should comply with specification of P.W.D. hand book in general.

Brickbats to be used for concrete must be thoroughly well burnt and free from impurities and of size from 20 to 25 mm. Lime mortar concrete should 2 parts of sand to operate of soaked lime and shall comply fully with the P.W.D. hand book's specification. The portion of the concrete shall be on part of lime mortar and two parts broken brickbats 1: 1. Brickbats

must be perfectly clean free from impurities and shall be thoroughly wetted before mixing mixed proper on wooden or specially prepared platforms until every part of broken bricks is sufficiently coated with mortar. Concrete must always be used quite fresh it shall be laid in levees as directed never exceeding 20 kms. In thickness and creases up to surface. The surface must be kept damp during and after consolidation and in laying can seductive layer for to lower coarse should be well watered & mode laugh before the next is placed. The contractor shall have to do brickbats concrete to so ordered by the engineer in cement with proportion 1 part of cement 4 part of sand 8 part of brickbats without any extra charges. iii) Brick work with cement mortar:

Brick shall be table brick in P.W.D. hand book's specification No. 2. This surly be well burnt and free from all defects and shall be got approved by the engineer in charge before the work is started. Cement to used for mortar shall comply with B.S.S. & P.W.D. hand book specification No. 8 cement mortar for the brick work shall be one part of cement 6 part of sand. Every brick well soaked in water is required to be laid in full and closed joint of cement mortar and shall not exceed 3/8" thickness. On removal of centering if any open joint are found this shall be pointed immediately. Special care shall be taken to make the face of brick smooth. Brick work may be to the or shall be raked course. All introduce serves shall be worked form template strictly made to dimensions and grades. Brick work in general shall be of first class workmanship and shall be executed accordingly to the plant working to the proper dimension and as directed by the officer in charge. brick should be thoroughly wetted in water before being used. All bricks work to be cleaned and wetted in Water before laying cement mortar shall be prepared in special iron pans and mixing in quantities as required using measure boxes for sand and cement bag of 1.25 cft. Of 1 cft as measured as the case may be all general specification No. 42 of P.W.D. hand book. The case work should be meanly finished the work shall be kept wanted for 3 weeks at least after date of completion.

iv) C.C. Channels:

Cement concrete of the invert and channels of manholes shall consist on a part 1 part of cement 2 part of sand, 4 part of black trap metal or other approved material of size 1/4' to 1' well grade as per instruction. The work shall be done as per P.W.D. hand book specification No. 20 and as per general instruction of Addl.+C.E. The rate includes all necessary materials mixing lifting placing ramming watering etc. the exposed faces to be neatly of the channels shall be half round as per drawing and instructions of the engineer in charge. v) Cement Plaster: Cement plaster 15 thick shall be done using cement mortar of cement and 3 parts of sand in uniform thickness with plumb surface. The work in

general shall comply with general specification for plaster No. 64 in P.W.D. hand book. The plaster surface to be kept wet for a fortnight all material sides of the inspection chamber including soffit of the arch shall be provide with cement plaster.

(vi) C. I. Articles :

These are not to be made accurately to from and dimensions shown in the drawings casting shall be sharp clean free from cracks flows Air bubble blow holes combing or from other defects all casting shall be cared with Dr. Angles Smith solution when red or with anticorrosive paint. No casing shall be approved if more than 5% Higher or 1% lower than standard weight contractor shall have to submit two samples of all approved G.I. Material, to the City Engineer for reference & these samples shall be returned at the completion if the work all rejected materials shall have to be removed from the site of the work 24 hours. FRC medium duty seat cover shall have 0.60 x 0.46 m inside dimensions . Inspection chamber cover should be fitted with concrete of 1: 2 : 4 if required contractor shall have to produce bills for the weight of C.I. articles. The M/s shall be on No. basis.

The mode of measurement shall be on Nos. basis.

Item No. 10

Constructing Slab Type M.H. Chamber Of The Following Size Including Excavation, Refilling, Brick Bats Cement Concrete (1:5:10) of thickness 15 C.M., CC Channel (1:2:4) of thickness 10 C.M., finished 15 mm thick cement plaster inside & outside (Only for shaft) In Cm 1:3, Finishing With Cement Slurry, P/F 4 Mm Dia M.S.Steel Hdpe Coated Steps 35 Cm C/C At 35 Cm Staggered Masonary In Cm 1:5, Rcc Slab In Cc1:1.5:3 of thickness 15 C.M. , Including Cantering & Reinforcement (Single jalli at 15 C.M. c/c bothway 10 mm dia.)But Excluding The Cost Of Manhole Seat Cover Etc..Completed Of Size **0.75 X 1.00** Meter (Inside Clear, M.H. length should be parallel to the flow).

(a) 1.00 to 2.00 meter depth, (Slab at Ground level)

(b) 2.00 to 3.00 meter depth, (Slab at below 0.6 mt. From G.L.)

Manhole shall be provided at every change of alignment, gradient or diameter of sewer/storm water drains, Bends and junctions in the sewer/drain shall be grouped together in manhole as far as possible. The maximum distance between inspection chambers shall be about 25 meters. Where the diameter of sewer/drain is increased, the soffit of the pipe shall be fixed at the same level and necessary slope given to the channel of manhole/inspection chamber. The minimum internal sizes of manhole/inspection chamber shall be as per the respective item of work. The manhole/inspection chamber shall be constructed as per the detailed drawings and as directed by Engineer. The bed concrete and the brick masonry shall be constructed of such thickness as shown on drawing. The brick masonry shall be constructed in C.M. (1:5), plastered on both faces with 15 mm cement plaster in C.M. (1:3). The channel shall be semicircular in the bottom half and of diameter equal to the sewer/drain. Above the horizontal diameter, the sides shall be extended vertically to the same level as the crown of the outgoing pipe and the top edge shall be suitable rounded off. The branch channels shall also be similarly constructed with respect to the benching out at their junction with the main channel as appropriate fall suitable rounded off in the direction of flow in the main channel shall be given. The channel at the bottom of manhole / inspection chamber shall be plastered with C.M. (1:3) and finished smooth. Rungs shall be provided in all manholes/inspection chambers over 0.6 mtr in depth and shall be of cast iron conforming to IS:5455. These rungs shall be fixed staggered in two vertical runs, 300 mm apart horizontally and 300 mm c/c vertically. The top rung

shall be 450 mm below the manhole/ inspection chamber cover and the lowest not more than 300 mm above the benching. The manhole/inspection chamber frame and cover shall be of cast iron of specified weight and shall conform to the requirements given in IS:1726. The covers and frames shall be cleanly cast and they shall be free from air and sand holes and from clod shuts. They shall be neatly dressed and carefully trimmed. All castings shall be free from voids whether due to shrinkage, gas inclusion or other causes. Covers shall have a raised chequered design on the top surface to provide an adequate nonslip grip. Cover shall be capable of easy opening and closing and it shall be fitted in the frame in workmanship like manner. The cover shall be gas tight and water tight. The size of covers specified shall be considered as the clear internal dimensions of the frame. Covers and frames shall be coated with a black bituminous composition. The coating shall be smooth and tenacious. The frame of manhole/inspection chamber cover shall be firmly embedded to correct alignment and level in cement concrete on the top of the masonry. The item shall be executed as per the detailed drawing and as directed by Engineer. Precast R.C.C. cover of required size and thickness shall be provided if specified in the item of work.

FRC SEAT COVER:

The frame shall be fixed in cement concrete of M15 grade all around and finished with neat cement. The cover shall have a minimum thickness of 100 mm and weighing 78 kg. The fibers shall constitute 1% of the weight of the concrete in the form of 50 mm to 100 mm long high tensile steel wires. For the cover, MS sheet lapping of 3 gauge shall be provided to avoid damage to the edges. Similarly for frame, MS angle/flat shall be provided along the edge. Both MS sheet and angle shall be painted with black bituminous paint. The cover should have suitable lifting arrangement. The fiber reinforced frame and cover shall be manufactured as per the drawing approved by Owner/Engineer. The size, type, weight, and locking arrangement for frame and cover shall be as specified

RCC Work :- In general, plain and reinforced concrete work for manholes shall be carried out in accordance with latest version of IS 456 unless otherwise specified in this specification. The slab of manhole shall be cast with shutters lined with plywood and shall be smooth finished. For avoiding surface cracks due to variation in atmospheric temperature and exposure to direct sunlight, RCC slab of manholes after casting shall be kept wet. M 20 grade of concrete used for construction of RCC manholes shall have minimum cement content of 360 kg/cum of concrete. Bar bending schedule for reinforcement shall be prepared by contractor and got approved from owner/ engineer before proceeding with the work. Minimum cover to the reinforcement shall be 40 mm.

The rate includes cost of all labour, materials, tools and plant etc. required for satisfactory completion of this item as described above. The rate shall be for a unit of one number basis.

Constructing Slab Type M.H. Chamber of following size incl. excavation, refilling brick bats cement concrete (1:5:10) for foundation, C.C. channel (1:2:4) finished, 15 mm. thick cement plaster inside & outside in C.M. 1:3 finishing with cement slurry, P/F 4 mm dia M.S Steel HDPE coated steps 35 cm c/c at 35 cm staggered Masonry in C.M. 1:5, R.C.C. slab in C.C. 1 : 1.5 : 3 including centering and reinforcement but excluding cost of manhole seat cover etc. complete. Of size 1.00 x 1.40 mt. (inside clear) and Depth from 3.00 to 4.00 mt. For pipe dia ≤ 800 mm

Extra rate over item of Constructing Slab Type M.H. Chamber of following size for constructing M.H. Chamber, per 1.00 Decimeter of additional depth or part thereof. etc. complete. Of size 1.00 x 1.40 mt. (inside clear) and Depth from 4.00 to 5.00 mt. For pipe dia ≤ 800 mm

The mode of measurement shall be on Nos. basis.

Item No. 11

Constructing Slab type M.H. Chamber of the following size including excavation, refilling, brick bats cement concrete (1:5:10) of thickness 15 C.M., CC Channel (1:2:4) of thickness 10 C.M., finished 15 mm thick cement plaster 12 14 inside & outside (Only for shaft) in CM 1:3, finishing with cement slurry, P/F 4 mm dia M.S.Steel HDPE coated steps 35 cm c/c at 35 cm staggered in masonry CM 1:5, RCC Slab in CC 1:1.5:3 of thickness 23 C.M., including Cantering & reinforcement (double jalli at 15 C.M. c/c bothway 12 mm dia.) but excluding the cost of Manhole seat cover etc..completed. of Size 1.00 X 1.40 meter (Inside Clear, M.H. length should be parallel to the flow, for pipe dia \leq 800 mm)

(a) 1.00 to 2.00 meter depth, (Slab at Ground level)

(b) 2.00 to 3.00 meter depth, (Slab at below 0.6 mt. From G.L.)

(c) 3.00 to 4.00 meter depth, (Slab at below 1.00 mt. From G.L.)

(d) 5.00 to 6.00 meter depth, (Slab at below 1.00 mt. From G.L.)

Manhole shall be provided at every change of alignment, gradient or diameter of sewer/storm water drains, Bends and junctions in the sewer/drain shall be grouped together in manhole as far as possible. The maximum distance between inspection chambers shall be about 25 meters. Where the diameter of sewer/drain is increased, the soffit of the pipe shall be fixed at the same level and necessary slope given to the channel of manhole/inspection chamber. The minimum internal sizes of manhole/inspection chamber shall be as per the respective item of work. The manhole/inspection chamber shall be constructed as per the detailed drawings and as directed by Engineer. The bed concrete and the brick masonry shall be constructed of such thickness as shown on drawing. The brick masonry shall be constructed in C.M. (1:5), plastered on both faces with 15 mm cement plaster in C.M. (1:3). The channel shall be semicircular in the bottom half and of diameter equal to the sewer/drain. Above the horizontal diameter, the sides shall be extended vertically to the same level as the crown of the outgoing pipe and the top edge shall be suitable rounded off. The branch channels shall also be similarly constructed with respect to the benching out at their junction with the main channel as appropriate fall suitable rounded off in the direction of flow in the main channel shall be given. The channel at the bottom of manhole / inspection chamber shall be plastered with C.M. (1:3) and finished smooth. Rungs shall be provided in all manholes/inspection chambers over 0.6 mtr in depth and shall be of cast iron conforming to IS:5455. These rungs shall be fixed staggered in two vertical runs, 300 mm apart horizontally and 300 mm c/c vertically. The top rung shall be 450 mm below the manhole/ inspection chamber cover and the lowest not more than 300 mm above the benching. The manhole/inspection chamber frame and cover shall be of cast iron of specified weight and shall conform to the requirements given in IS:1726. The covers and frames shall be cleanly cast and they shall be free from air and sand holes and from clod shuts. They shall be neatly dressed and carefully trimmed. All castings shall be free from voids whether due to shrinkage, gas inclusion or other causes. Covers shall have a raised chequered design on the top surface to provide an adequered nonslip grip. Cover shall be capable of easy opening and closing and it shall be fitted in the frame in workmanship like manner. The cover shall be gas tight and water tight. The size of covers specified shall be considered as the clear internal dimensions of the frame. Covers and frames shall be coated with a black bituminous composition. The coating shall be smooth and tenaceous. The frame of manhole/inspection chamber cover shall be firmly embeded to correct alignment and level in cement concrete on the top of the masonry. The item shall be executed as per the detailed drawing and as directed by Engineer.

Precast R.C.C. cover of required size and thickness shall be provided if specified in the item of work.

FRC SEAT COVER:

The frame shall be fixed in cement concrete of M15 grade all around and finished with neat cement. The cover shall have a minimum thickness of 100 mm and weighing 78 kg. The fibers shall constitute 1% of the weight of the concrete in the form of 50 mm to 100 mm long high tensile steel wires. For the cover, MS sheet lapping of 3 gauge shall be provided to avoid damage to the edges. Similarly for frame, MS angle/flat shall be provided along the edge. Both MS sheet and angle shall be painted with black bituminous paint. The cover should have suitable lifting arrangement. The fiber reinforced frame and cover shall be manufactured as per the drawing approved by Owner/Engineer. The size, type, weight, and locking arrangement for frame and cover shall be as specified

RCC Work :- In general, plain and reinforced concrete work for manholes shall be carried out in accordance with latest version of IS 456 unless otherwise specified in this specification. The slab of manhole shall be cast with shutters lined with plywood and shall be smooth finished. For avoiding surface cracks due to variation in atmospheric temperature and exposure to direct sunlight, RCC slab of manholes after casting shall be kept wet. M 20 grade of concrete used for construction of RCC manholes shall have minimum cement content of 360 kg/cum of concrete. Bar bending schedule for reinforcement shall be prepared by contractor and got approved from owner/ engineer before proceeding with the work. Minimum cover to the reinforcement shall be 40 mm.

The rate includes cost of all labour, materials, tools and plant etc. required for satisfactory completion of this item as described above. The rate shall be for a unit of one number basis.

The mode of measurement shall be on Nos. basis.

Item No. 11

Rate reduction over item of Constructing Slab Type M.H. Chamber of size 1.00 x 0.75 mt for constructing slab @ depth more than 0.60 mt below Ground Level (Max. 3 unit of DM should be reduced in this item)

The mode of measurement shall be on Dm. basis.

Item No. 12

Constructing Slab type M.H. Chamber of the following size including excavation, refilling, brick bats cement concrete (1:5:10) of thickness 15 C.M., CC Channel (1:2:4) of thickness 10 C.M., finished 15 mm thick cement plaster inside & outside (Only for shaft) in CM 1:3, finishing with cement slurry, P/F 4 mm dia M.S.Steel HDPE coated steps 35 cm c/c at 35 cm staggered in masonry CM 1:5, RCC Slab in CC 1:1.5:3 of thickness 23 C.M., including Canterling & reinforcement (double jalli at 15 C.M. c/c bothway 12 mm dia.) but excluding the cost of Manhole seat cover etc..completed. of Size 1.00 X 1.40 meter (Inside Clear, M.H. length should be parallel to the flow.

The mode of measurement shall be on No. basis.

Item No.13:

Extra rate over item of Constructing Slab Type M.H. Chamber of following size for constructing M.H. Chamber, per 1.00 Decimetre of additional depth or part thereof. etc. complete. Of size 1.00 x 1.40 mt. (inside clear) and Depth from

The mode of measurement shall be on DM basis.

Item No.14:

Rate reduction over item of Constructing Slab Type M.H. Chamber of size 1.00 x 1.40 mt for constructing slab @ depth more than 0.60 mt for (MH 2 to 3 mt depth) and 1.0 mt for (MH above 3.0 mt depth) below Ground Level (Max. 5 unit of DM should be reduced in this item)

The mode of measurement shall be on DM basis.

Item No.15:

Dismantling of existing Arch type manhole up to Arch and then Const. Slab type manhole of following size incl. excavation, refilling and & finished 15 mm thick cement plaster inside in CM 1:3, P/F 4 mm dia M.S.Steel HDPE coated steps 35 cm c/c at 35 cm staggered in masonry CM 1:5, incl. cost of RCC Slab in CC 1:1.5:3, including Canting & reinforcement as directed by engineer in charge. Rate includes carting of debris and excavated soil.

The mode of measurement shall be on No. basis.

Item No.16:

Making connection to the ex.M.H.in running sewer incl. Dewatering and other required machinery etc. of following dia pipes at any convenient time. All damaged work shall be well repaired as per instructions. etc..complete.

The mode of measurement shall be on No. basis.

Item No.17:

Cutting the pipes of following dia coming in the new M.H.in running sewer including cutting bars, including removing debris /silt from the M.H. and carting at a suitable distance etc..complete as directed. No payment for M.H. work will be made until pipe is not cut completely in all respect.

The mode of measurement shall be on No. basis.

Item No.18:

Repairing damaged M.H. and raising M.H. up to road level incl. removing damaged brick work and repairing by brick masonry in C.M. 1:5 and plaster in C.M. 1:3 and fixing C.I. steps and existing MH sheet cover, removing the debris from MH and carting the same as directed.

The mode of measurement shall be on No. basis.

Item No.19:

Repairing damaged I.C./ Raising removing damaged brick work and repairing by brick masonry in C.M. 1:5 and plaster in C.M. 1:3 and fixing C.I. steps and existing chamber sheet cover, removing the debris from chamber and carting the same as directed.

The mode of measurement shall be on No. basis.

Item No.20:

Carting and Fixing M.H. Chamber or Catchpit Seat and Cover in line and level to match existing road level in CC 1:2:4 and finishing smooth, watering and protecting for 7 days etc. complete as directed. M.H. seat cover will be supplied by A.M.C. (from any store)

The mode of measurement shall be on No. basis.

Item No.21:

Providg. & laying S.W. Gully trap with brick masonry chamber & water tight G.T. Stone including fixing of cover Square mouth trap 100 mm x 100 mm size P-Trap.

The mode of measurement shall be on No. basis.

Item No.22:

Levelling or orientation of existing gully trap chamber incl. Nece. masonry in CM 1:6 and plaster in CM 1:3 etc. using old G.T. stone and cover etc. comp.

The mode of measurement shall be on No. basis.

Item No.23:

Providing Kachha or Pakka Dummy in the following dia pipes and removing the same after completion of the connection work as directed.

The mode of measurement shall be on No. basis.

Item No.24:

Temporary/ permanent plugging and blocking of sewer line, branch connections and diversion of flows and removal of all plugs, etc.

The mode of measurement shall be on No. basis.

Item No.25:

Raising of Existing manhole item includes, cutting of existing road surround by Manhole by diamond cutter machine dismantling of road in confined area by breaker machine and carting of dismantled material. Item also included necessary brick work to raise the manhole at road level in CM 1:3 item also included fixing of Manhole frame at exact road level by using Maser Emaco S 488 trowable fibre reinforced thixotropic repair mortar material Laying of concrete made from Master Emaco 5 346 flowable micro concrete material in desired thickness and laying of hot bituminous material in Upper layer and compaction of hot bituminous material by plate compactor machine. Rate also included necessary plaster at inside of manhole in CM 1:3 in 20 MM thickness on raised brickwork.

The mode of measurement shall be on No. basis.

Item No.25:

Providing Dead Canter using good quality Country Wood Planks, wall Plate of required thickness and size including placing the nece. supports of reqd. size, nailing, fixing with mortar, levelling. All specification for dead centring as per standard engg. practice etc. comp. as directed.

The mode of measurement shall be on Smt. basis.

Item No.26:

Providing F.R.C. MH seat cover incl. carting to the work site etc. comp. Directed. (Based on rate of central store circular No. 01 / 2025-26 Dt. 21.04.2025)

(SET cover and frame) F.R.C. Extra Heavy Duty [EHD-35] Machinehole Covers & Frame- 560mm ø clear opening, The dimension of frame and cover as per mentioned in Amend No.1 to IS 12592 : 2002 table 1 (As Per Central stores circular No. 01 / 2025-26 Dt. 21.04.2025)
(SET cover and frame) F.R.C. Heavy Duty [HD-20] Machinehole Covers & Frames- 560mm ø clear opening, The dimension of frame and cover as per mentioned in Amend No.1 to IS 12592 : 2002 table 1 (As Per Central stores circular No. 01 / 2025-26 Dt. 21.04.2025)
(SET cover and frame) F.R.C. Medium Duty [MD-10] Machinehole Covers & Frames- 560mm ø clear opening, The dimension of frame and cover as per mentioned in Amend No.1 to IS 12592 : 2002 table 1 (SET cover and frame) (As Per Central stores circular No. 01 / 2025-26 Dt. 21.04.2025)
(SET cover and frame) F.R.C. Medium Duty [MD-10] Chamber Covers & Frame- 600 x 450 mm clear opening, The dimension of frame and cover as per mentioned in Amend No.1 to IS 12592 : 2002 table 1 (As Per Central stores circular No. 01 / 2025-26 Dt. 21.04.2025)
(SET cover and frame) F.R.C. Light Duty [LD-2.5] Machinehole Covers & Frames 560mm ø clear opening, The dimension of frame and cover as per mentioned in Amend No.1 to IS 12592 : 2002 table 1 (As Per Central stores circular No. 01 / 2025-26 Dt. 21.04.2025)

The mode of measurement shall be on Nos. basis.

Item No.27:

Providing and fixing cast iron manhole frame of weight 80 to 85 kg suitable for existing EHD-35 FRC MH cover, rate also incl. loading, unloading and fixing the frame in line and level to match existing road level in CC 1:2:4 and finishing smooth, watering and protecting for 7 days etc. complete as per instruction by engg. in charge. (Approved Rate).

The mode of measurement shall be on Kg. basis.

Item No.28:

Providing Dead Centering using good quality Country Wood Planks, wall Plate of required thickness and size including placing the nece. supports of reqd. size, nailing, fixing with mortar, levelling. All specification for dead centering as per standard engg. practice etc. comp. as directed.

The mode of measurement shall be on Smt. basis.

Item No.29:

Supplying, labour for break down repairing work for activities like excavation, disliting, removing debris from trench back filling etc. comp. as directed by Eng.in charge.

The mode of measurement shall be on Nos. basis.

Item No.30:

Brick work using common burnt clay building bricks having crushing strength not less than 35kg./Sq.Cm. In foundation and plinth in Cement Mortar 1:5.(1-Cement: 5 -fine sand)(B) Conventional.(R & B Building Road Bridge SOR 2021-22 Item Code 06001BA,Item No.as per NBO-6.12 page no.64Dist. AHMEDABAD SOR 2021-22

The mode of measurement shall be on Cmt. basis.

Item No.31:

Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or half brickwalls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand).

The mode of measurement shall be on Smt. basis.

Item No.32:

Providing & Laying cement concrete 1:2:4 and curing complete

The mode of measurement shall be on Cmt. basis.

Item No.33:

Providing & Laying cement concrete 1:5:10 and curing complete

The mode of measurement shall be on Cmt. basis

Item No.34:

Barricading the entire break down or excavated area on rental basis using wooden ballies / M.S.angles at max. 2.00 meter centre to centre, C.G.I. Sheet, reflective paint / Board out side to avoid accident & for smooth traffic diversion & movement including cautionary board etc. Item also includes for making temporary sufficient nos of lighting arrangement through out the work with necessary required arrangement. ..The same shall be removed after completion of work. (Only for break down work from start to complete) (Based on Drainage SOR 2009-10)

The mode of measurement shall be on Rmt. basis.

Item No.35:

Providing, laying, spreading and compacting graded stone aggregate to wemix macadam specification including premixing the Material with water aOMC in mechanical mix plant carriage of mixed Material by tipper to sitelaying in uniform layers in sub- base / base course on well prepared surfacand compacting with vibratory roller to achieve the desired density as per Codal Provision.

Production & Supply of WMM
Laying of WMM

The mode of measurnment shall be on Cmt basis.

Item No.36:

Providing and operation dewatering Pump including fuel charges & operator Charges etc. as directed etc. comp. (Shift for Eight Hour) (For Each Pump Set, No payment should be allowed for non working condition of machinery)

The mode of measurnment shall be on Shift basis.

Item No.37:

Hiring and operating Mud Pumps incl. Cost of fuel and operator including the cost of to and fro transportation, laying of the delivery hoses as required, lowering and lifting the pumps as and when required etc. complete. Set Do As Directed. (No payment should be allowed for non working condition of machinery) (GWSSB SOR-2022-23, Page No.104, Item No.1)

The mode of measurnment shall be on Hp/Hr basis.

Item No.38:

Hiring and operating the 20 KV 3 Phase Electric Generator for operating desilting machinery, and lighting and other requirements with Arranging diesel to run the D.G. Set Do As Directed. 8 Hrs Shift. (No payment should be allowed for non working condition of machinery)

The mode of measurnment shall be on Shift. basis.

Item No.39:

Providing & Supplying JCB Machine on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge, rate includes all nece. shifting, fuel and operating charges and stacking of useful & non-useful materials separately up to store. (No payment should be allowed for non working condition of machinery and for pipe line excavation and laying work).

The mode of measurnment shall be on Hour basis.

Item No.40:

Supplying electric breaker machine for RCC slab or asphalt demolishing work on site by using operator, fuel, power supply etc.complete as directed. (no payment should be allowed for non

working condition of machinery and for pipe line excavation and M.H. work. Allowed only for break down work)

The mode of measurement shall be on Shift basis.

Item No.41:

Supplying Pneumatic Breaker Machine for RCC Slab or Asphalt Demolishing Work on site by using Operator, fuel, power Supply etc. Complete as Directed. (No payment should be allowed for non working condition of machinery and for pipe line excavation and M.H. work. Allowed only for break down work)

The mode of measurement shall be on Hour basis.

Item No.42:

Providing & Supplying Hitachi Machine -110 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery)

The mode of measurement shall be on Hour basis.

Item No.43:

Providing & Supplying Hitachi Machine -200 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges. (No payment should be allowed for non working condition of machinery)

The mode of measurement shall be on Hour basis.

Item No.44:

Providing & Supplying hydra carne Machine of 12 tone capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery)

16 Tone
20 Tone

The mode of measurement shall be on Per 8.00 hours Shift basis.

Item No.45:

Hiring of Tractor with Trally considering 8 hrs. as working day hour incl. Driver

The mode of measurement shall be on Day basis.

Item No.46:

Hiring of Three Wheeler carrier (chakado / Rixa) considering 10 hrs. as working day hour incl.
Driver

The mode of measurement shall be on Day basis.

Forms of BID

AHMEDABAD MUNICIPAL CORPORATION FORM OF BID AND APPENDIX TO BID FORM 1 - BID SECURITY (BANK GUARANTEE)

Where as M/s.....

(Hereinafter called the Tenderer) is desirous and preferred to tender for works in accordance with the term and conditions of tender for the work **TENDER DOCUMENT FOR Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)**

1. Therefore. We hereby affirm that -we are guarantors on behalf of the Tenderer up to total rupees.....(in words.....) Rs. (in figures) and we undertake to pay to Municipal Commissioner, Ahmedabad Municipal Corporation, A'bad. Specified tip to his first written demand, without demur without delay and without the necessary of a previous of judicial or administrative procedures and without the necessity of a previous of judicial or administrative procedures and without the necessity to prove to the Bank the defects or short comings or debits of the contractor any sum within the limit of Rs.....

2. We further agree that the Guarantee herein contemned shall remain in full force and effect during the period that would be taken for the acceptance of tender. However unless a demand of claim under this guarantee is made on its in writing on or before the (Date to be specified will not be less than 120 days from the stipulated date of receiving the tender) we shall be discharge from all liabilities under the guarantee thereafter

3. We undertake not to revoke the guarantee during it currency except with the previous consent of the Municipal Commissioner, Ahmedabad Municipal Corporation, A' bad in writing.

4. We lastly undertake not to revoke the guarantee for any charge in constitution of the Tenderer or of the Bank.

Date:

Signature & Seal of Guarantor

Bank Address

5. The contractors shall have to furnish income tax clearance certificate before his tender is accepted and intimate assessment number and ward under which he is assessed.

6. Copies of certificate as regards previous experience, if any, must accompany the tender.

7. List of approved banks - .As per

ANNEXURE – 1

Seal and Signature of the Bidder

Date:

Add. City Engineer (N.Z)

**FORM -2 PERFORMANCE GUARANTEE BOND
(BANK GUARANTEE)**

(Clause 37 of Section I Volume 1)

**Whereas M/s _____ have been
Awarded a contract dated _____ for Drainage Line / Machinehole breakdown
Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)**

Whereas the said M/s _____ has approached Us
_____ Bank to provided a PERFORMANCE GUARANTES
BOND to the AMC for the work undertakes by M/s.

_____ and Whereas. We, the _____ Bank have
agreed to provided such a PERFORMANCE GUARANTEE BOND. Now therefore, we the _____
_____ Bank provided the following Performance Bank, Guarantee by way of
these Bond to the AMC.

1. The contract value of the contract provided to M/s. _____ by the AMC in Rs. _____. This guarantee in the nature of PERFORMANCE GUARANTEE is provided so as to ensure and indemnify the AMC for full and proper performance of the contract by M/s. _____.
the _____ Bank hereby indemnify the AMC for all losses and / or damages to the road surface which would be laid or resurface by M/s. _____ and such PERFORMACE GUARANTEE would include any damage to hot mixes, dense bituminous macadam asphalt, concrete, seal coat, concrete blocks, road markings, signage, steel structures which may be suffered by the AMC as a result of defective production of mixes, because of poor workmanship, or at all, by way of this bond, we the _____ Bank agree and promises that in the eventuality of the contractors M/s. _____ not repairing or remedying the Problem, loss or damage to the road surface we shall indemnify and pay the AMC such expenses, losses and damages that may be incurred by the AMC, as a result of the AMC getting the work done itself or from the other source.

2. We _____ Bank agree and understand that the decision as to whether any losses or damages to the project have taken place or not and / or whether the work suffers from poor workmanship or not will be taken by the Commissioner of AMC and on the Commissioner's decision regarding such losses or damages or defect whatsoever being so notified by the AMC to us, We shall immediately take steps and ensure that M/s. _____ faithfully and diligently carry out the necessary remedial steps to the full satisfaction of the Commissioner of the AMC. The opinion of the Commissioner as to whether full and complete remedial steps, to the full satisfaction the Commissioner of the AMC has been taken or not, will be that of the AMC. For the purpose, of arriving at such decision as aforesaid it will be open to the Commissioner of the AMC in case he so desires, to delegate this power to subordinate like the city Engineer to take appreciate decision and the decisions referred to above will be deemed to be properly take and as if taken by the Commissioner

of the AMC. In the eventually of M/s. _____ not taking remedial action to the almost satisfaction of the Commissioner of AMC. The AMC will be entitled to get the work done itself or from sources. On the Commissioner of the AMC notifying to us the total expenses incurred for this purpose. We hereby expressly have under taken to pay the AMC the said amount forth with and in any case not less than 7 days from taken to pay the AMC the said binding the amount indicted by the Commissioner of the AMC and our obligation to pay such amount will be continuing of the AMC and our obligation irrespective of any dispute of differences that may arise between us and M/s. _____ of between the AMC and M/s. _____.

3. The contract value is Rs. _____. This PERFORMANCE GURANTEE is limited to 5% of the said contract value and accordingly it comes to Rs. _____ our liability will be in all cases be limited to Rs. _____.

4. We agree and undertake that this PERFORMANCE GURANTEE will be valid for a period of five years and one month from the date when the contract work is completed by the M/s. _____. The Commissioner of the AMC notify such completion that to us. In case, no such completion it is notified, this performance guarantee will be a valid from five years from the date of execution of this agreement. The Performance Guarantee will come into effect from such completion date. In case however, the contract of several parts it will be opened to the Commissioner to indicate separate completion dates for separate part and to simultaneously indicate a break up of the contract value equivalent to the separate part. In which case the PERFORMANCE GUARNATEE to extent of the different completion dates. It is expressly understood that the considering this period of five years and one month, the date by which the Corporation, intimate the Bank about the losses, damages or problems as the case may be, shall be considered as long as such intimation is within a period of five years and one month from the completion date. We the _____ Bank will be liable, irrespective of whether the remedial actions or lack thereof has taken place after the period of the five years and one month.

5. We _____ Bank agree that the PERFORMANCE GUARANTEE which is continuing guarantee will be binding, and enforceable against us irrespective of any difference / disputes between the AMC and M/s. _____ of between us and M/s. _____ and irrespective of any change or variation or execution time or any forbearance or waiver made or grant by the AMC to M/s. _____.

6. In case any disputes arise as to the interpretation or implementation or implementation of this PERFORMANCE GUARANTEE, the matter shall be referred to the sole arbitration of he Commissioner of AMC whose decision in the matter will be final. In case any resource to any court of law is necessitated, the appropriate Civil Court in the Ahmedabad along will have Jurisdiction.

Date:

Signature of Contractor

FORM 3 - FORM OF AGREEMENT

THIS AGREEMENT made the ____ day of _____, 20__ between Ahmedabad Municipal Corporation
(here in after called "the Employer") of the one part and
 M/s. _____
 (here in after called "the Contractor") of the other part.

WHEREAS the Employer is desirous that certain works should be executed by the Contractor, viz.

_____ and has accepted the bid by the contractor for
 the execution and completion of such works and the remedying of any defects therein at a contract
 price of Rs. _____ (Rupees _____
 _____).

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- a) the Letter of Acceptance;
- b) the General Conditions
- c) The Financial Condition
- d) the Technical Specifications;
- e) the Priced Bill of Quantities; and
- f) other documents forming part of the contract.

3. In consideration of the payments to be made by the Employer to the Contractor as here in after mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract. IN WITNESS whereof the parties hereto have caused this Agreement to be executed the day and year first before written.

4.

Signed, sealed, and delivered by the said Employer and the Contractor in the presence of:

WITNESSES:

On behalf of Ahmedabad Municipal Corporation	On behalf of M/s.
---	-------------------

1	1
2	2

Binding Signature of the Employer:

Binding Signature of the Contractor:

Sample Form for updating - qualification information

TENDER DOCUMENT FOR :- Drainage Line / Machinehole breakdown Works in Various TP Road in Thakkarnagar Ward of North Zone. (ARC)

The work shall be completed with 12 **(Twelve) Months** after the order to start the works.

The details of reinforcement of R.C.C. work shall be as per design and instructions of City Engineer and his order will be considered final.

The contractor shall have to maintain account of steel, cement and other materials that may be brought by him on site. This account shall be regularly maintained and kept open for inspection by Municipal Staff. Watering of all the items shall be as per instructions. Mixing of concrete shall be done by concrete mixer machine. Arrangements of binding vibrator for R.C.C. works if required shall have to be made by the contractor.

The contractor shall be remain responsible for Workmen's compensation if any when such case occurs. The contractor shall arrange formed iampasant night and fencing and pagi and shall be responsible for any damage of life and limb or property if any happen, during the execution of work. In case of dispute for unseen or overlooked items the decision of the city Engineer shall be final. The contractor shall have to give site clean of all rubbish on completion of work and have over the building with final finishing of the work as directed. All the rejected materials shall be removed from site within 24 hours by contractor at this risk and cost.

For mixing mortar either for masonry or for plaster or for any other purpose contractor shall have to prepare through of bigger size and mix the mortar in the required proportion. In on case he shall be allowed to mix the mortar either on floor or any finished surfaces.

The contractor shall have to make his own arrangement for water required for the work and shall pay the water charges as per water meter.

If any extra item crops up during the progress of work the same shall be carried out by the contractor and he shall be paid at the rate fixed by C.E. as per the rate analysis based on current market rates.

If in the interest of the Corporation it is necessary to change either any site or the design of the propose work the contractor shall carry out the same at his quoted rates without charges any extra and the contractor will have to carry out the works and he will be paid at the rate quoted by him and no claim for extra for subsequent changes may be entertained.

The cubical contents of the cement bag shall be taken as 1-20 cft. Per bag and the contractors shall have to prepare the measures boxes according to this measures.

The R.C.C. or specified work shall not be done on Sunday and holiday excepting emergency or when technical requirements are such that continuity of work should be maintained and that to will be with prior. Permission of the competent authority.

Retetion money at the rate of 2% shall be deducted from every running bill of the contractor and which will be paid at the time of final bill, for works costing less than Rs. 10-00 lakhs.

Octroi exemption passes shall not be given for any materials required for the work. Contractor will be fully responsible for compliance of the various prevision under contract Act. 1970 and the Rules framed the to under.

The tender for the work shall remain open for a period **(120)** days from the date of opening of the tenders for this work and that the tenderer shall not be allowed to withdraw on modify the offer on his own during the period. If any tenderer withdraw or makes any modifications (s) or addition (s) in the terms and conditions of his tender not acceptable to the Municipal Corporation the Municipal

Corporation shall without prejudice to any right or remedy be at liberty to forfeit in full the said earnest money absolutely.

As per Circular No. MCR 2176 (96) 2418 (ii) GHH dated 31-03-77 issued by Government of Gujarat contractors are requested to produce their quarry materials for construction work through legal sources. i.e. only from the quarry lease holders, permit holder or middle man who satisfies the contractor as to the legality of the source of purchase by him on these materials.

Contractor has to make his own arrangement for procurement of steel and cement.

- i) Conditional tender will not be accepted.
- ii) All tenders are to be submitted in duplicate without which the tenders are liable to be rejected.
- iii) In case of tender downloaded from website, tender fee & EMD should be submitted in form of demand draft or in cash.
- iv) Condition of **form B1 Standard Specification of material & code of practice will be applicable.** Form B1 & B2 can be is available in website.

Contractor's Signature

Add. City Engineer (N.Z.)



અમદાવાદ મ્યુનિસિપલ કોર્પોરેશન

મહાનગર સેવા સદન

સરદારપટેલભવન, દાણાપીઠ, અમદાવાદ-૩૮૦૦૦૧.

નાણા ખાતુ,
સરક્યુલર નંબર : ૩૭
તારીખ : ૦૮/૦૮/૨૦૧૮.

સંદર્ભ:(૧)શ્રમ અને રોજગાર રાજ્યમંત્રીશ્રી - નવી દિલ્હીના પરિપત્ર ક્રમાંક C-III /૦૧૧/૨(૮૨)૨૦૧૫/HQ
તા.૦૭/૦૭/૨૦૧૫.

(૨)કર્મચારી ભવિષ્ય નિધી સંગઠન- નવી દિલ્હીના પરિપત્ર ક્રમાંક CIAU/૦૧૧(૩૩)૨૦૧૫/HQ/૫૩૪૫
તા.૨૧/૦૬/૨૦૧૬.

(૩) શ્રમ અને રોજગાર વિભાગ-ગાંધીનગર પરિપત્ર ક્રમાંક: ઈપીએફ/૧૮૨૦૧૬/૩૬૮૫૮૬/મ(૩)
તા.૦૭/૦૩/૨૦૧૭.

ભારત સરકારશ્રીના શ્રમ અને રોજગાર મંત્રાલય-નવી દિલ્હી અને કર્મચારી ભવિષ્ય નિધિ સંગઠન (ઈ.પી.એફ.ઓ.) નવીદિલ્હીએ તેમના અનુક્રમે તા.૦૭/૦૭/૨૦૧૫ અને તા.૨૧/૦૬/૨૦૧૬ના પત્રોથી સરકારીવિભાગો, સરકારીનિગમો તેમજ રાજ્યની સહકારી સંસ્થાઓ અને બોડીઓમાં આઉટસોર્સિંગ કામ કરતાં મહેકમને સામાજિક સુરક્ષાનું છત્ર મળી રહે તે માટે તેમને કામદાર ભવિષ્ય નિધિ અને પરચુરણ જોગવાઈઓના અધિનિયમ, ૧૯૫૨ હેઠળ આવરી લેવા જણાવેલ છે.

આ અનુસંધાને રાજ્ય સરકારશ્રી ના સર્વે વિભાગો, જાહેરનિગમો, રાજ્યની સહકારી સંસ્થાઓ, સ્વાયત સંસ્થાઓ અને સ્વરાજ્યની સંસ્થાઓમાં આઉટસોર્સિંગ એજન્સીઓ દ્વારા આઉટસોર્સિંગથી કામ કરતા, કોન્ટ્રાક્ટ કર્મચારીઓ,રોજમદાર તથા સરકારશ્રીના કામ માટે ફિક્સ પગારે રખાયેલા તેવા પ્રત્યેક કર્મચારી કે જેમને કોઈ પણ અધિનિયમ અંતર્ગત સામાજિક સુરક્ષાના લાભો મળતા નથી તેવા કર્મચારીઓને ભવિષ્ય નિધિ ફાળો અચૂક કપાય અને તેમને સામાજિક સુરક્ષાનો લાભ મળે તે માટે નીચે મુજબના પગલાં લેવા જણાવાયેલ છે.

૧. કોઈ પણ સંસ્થા/ એજન્સી/ કોન્ટ્રાક્ટરને કોઈ પણ સરકારી કાર્યો માટે કોન્ટ્રાક્ટ આપતા પહેલા તેમની પાસે કર્મચારી ભવિષ્ય નિધિ સંગઠન અંતર્ગત ઈસ્યુ થયેલ પ્રોવિડન્ડ ફંડ રજીસ્ટ્રેશન છે કે નહી તેની ખાતરી કરવી.
૨. ઉપરોક્ત કેટેગરીમાં આવતા કર્મચારીઓને કામદાર ભવિષ્ય નિધી અને પરચુરણ જોગવાઈઓના અધિનિયમ, ૧૯૫૨ અને તે અંતર્ગત ઘડવામાં આવેલ યોજનાઓની જોગવાઈઓ લાગુ પડે તે માટે તાત્કાલિક પગલાં લેવા.
૩. ઉપરોક્ત કેટેગરીમાં આવતા કર્મચારીઓનો ભવિષ્ય નિધિનો ફાળો તથા નોકરી દાતા તરફથી ઉમેરવાનો થતો

ફાળો અચૂક કપાઈને તેમના પ્રોવિડન્ડ ફંડના ખાતામાં જમા થાય, તેની ચકાસણી કરીને જ પછીના મહિનાની ચુકવણી આઉટસોસીંગ એજન્સીને કરવી.

ઈ.પી.એફ.ઓ. કચેરીના અધિકૃત અધિકારીશ્રીઓના જણાવ્યા મુજબ અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનમાં કામ કરતાં કોન્ટ્રાક્ટરશ્રીઓ, સપ્લાયરશ્રીઓ તથા કન્સલટન્ટશ્રીઓ વિગેરે જેવી તમામ બહારની એજન્સીઓએ તેમના હસ્તકના કર્મચારીશ્રીઓનો પણ ઈ.પી.એફ.માં સમાવેશ કરવાનો અને ઈ.પી.એફ.ના નિયમ મુજબ ઈ.પી.એફ. ચુકવવો જરૂરી અને ફરજિયાત છે. જો એમ કરવામાં ચુક થાય તો પ્રિન્સીપાલ એમ્પ્લોયર તરીકે તેમના ચુકવવાની પી.એફ. અંગેના નાણાં નિયત વ્યાજ, પેનલ્ટી અને ડેમેજસ સહીત અમદાવાદ મ્યુનિસિપલ કોર્પોરેશને ચુકવવાની જવાબદારી ન થઈ શકે તે હેતુથી સંદર્ભિત પત્ર ક્રમાંક ૩ અન્વયે મહે. મ્યુનિ. કમિશનરશ્રી ઠરાવનં.૫૦ તા.૦૬/૦૮/૨૦૧૮થી મળેલ મંજૂરી ઈ.પી.એફ.એકટ લાગુ થયેલ હોય તેવા અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનમાં કામ કરતા હાલમાં કાર્યરત હોય તેવા અને આજ પછી કામ આપવાના થાય તેવા તમામ કોન્ટ્રાક્ટરોને કામ આપતા પૂર્વે ઈ.પી.એફ.રજીસ્ટ્રેશન કરાવેલ હોય તે જરૂરી છે.તેમજ જેઓને ઈ.પી.એફ.એકટ નથી લાગુ પડતો તેવા કોન્ટ્રાક્ટરોએ રાખેલ કર્મચારીશ્રીઓ માટે ઈ.પી.એફ. એકટ તથા રાજ્ય સરકારશ્રીના પરિપત્રમાં જણાવ્યા મુજબ પ્રિન્સીપાલ એમ્પ્લોયર તરીકે ઈ.પી.એફ.ની જવાબદારી અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનની રહેતી હોવાથી ભવિષ્યમાં ઈ.પી.એફ. એકટનું પાલન ન કરવાથી ડીમાન્ડ નોટીસ તથા કાયદાકીય પ્રક્રિયાથી બચવા માટે તથા કાયદાકીય પરિસ્થિતિ ઉપસ્થિત ન થાય તે હેતુથી રાજ્ય સરકારશ્રીના શ્રમ અને રોજગાર વિભાગના આ સાથે સામેલ કરેલ પરિપત્ર ક્રમાંક ઈપીએફ/૧૮૨૦૧૬/૩૬૮૫૮૬/મ(૩) તા.૦૭/૦૭/૨૦૧૭ નો ચુસ્તપણે અમલ કરવો જરૂરી છે.

અમદાવાદ મ્યુનિસિપલ કોર્પોરેશનના તમામ ખાતાના વડાઅધિકારીશ્રીઓને તેમના હસ્તકના ખાતા/વિભાગમાં કરાવવાની થતી કોઈ પણ પ્રકારની કામગીરી માટે કરાવવામાં આવતા કવોટેશન, ટેન્ડર કે ઓફરમાં ઈ.પી.એફ.એકટ મુજબ જરૂરી રજીસ્ટ્રેશન બાબતે અચૂક નોંધ કરવાની તથા ઈ.પી.એફ.એકટનો ચુસ્ત પણે અમલ કરવાની ખાસ નોંધ લેવા અત્રેથી જણાવવામાં આવે છે.

સહી:

ડે.મ્યુનિ.કમિશનર
(ફાયનાન્સ)