



# Brihanmumbai Municipal Corporation

E- Tender (FY 2026-27)

For  
Name of Work:

## STRUCTURAL STRENGTHENING AND REPAIRS OF EVERARD NAGAR SUBWAY ON EEH IN KURLA (L WARD).

Website: <http://mahatenders.gov.in>

Office of: **Chief Engineer (Bridges)**

Engineering Hub Building,

Dr. E. Moses Road, Worli Naka, Worli, Mumbai- 400

018.

- Sd/-  
*S.E. Bridges ES*

- Sd/-  
*A.E. Bridges ES*

- Sd/-  
*E.E. Bridges ES*

- Sd/-  
*Dy. Ch. Eng. (Bridges) ES*

- Sd/-  
*Chief Engineer (Bridges)*

**Name of Work: Structural Strengthening and Repairs of  
Everard Nagar Subway on EEH in Kurla (L ward).**

**Tender ID: 2026\_MCGM\_1303319**

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**SECTION 1**  
**E-TENDER NOTICE**

# **BRIHANMUMBAI MUNICIPAL CORPORATION**

**Chief Engineer (Bridges)**

No. Ch E/ /Bridges dated

## **E-TENDER NOTICE**

**Tender ID: 2026\_MCGM\_1303319**

**SUBJECT: - Structural Strengthening and Repairs of Everard Nagar  
Subway on EEH in Kurla (L ward).**

The Brihanmumbai Municipal Corporation (BMC) invites e-tender to appoint Contractor for the aforementioned work from contractors of repute, multidisciplinary engineering organizations i.e. eminent firm, Proprietary/Partnership Firms/ Private Limited Companies/ Public Limited Companies/Companies registered under the Indian companies' act 2013, the contractors registered with the Brihanmumbai Municipal Corporation, (BMC) in **Class IV(A) as per new registration** or Those having equivalent or more work experience from Central or State Government/Semi Govt. Organization/Central or State Public Sector Undertakings, will be allowed subject to condition that, the contractors who are not registered with BMC will have to apply for registering their firm within three months from date of issue of work order failing which their Bid security i.e. EMD (Earnest Money Deposit) will be forfeited/ recovered and a penalty of 0.1 % of contract cost OR Rs.10,000/- whichever is more will be recovered / deducted from the Contractors payment / bill by the executing department. The contractor, who fails to get registered with BMC in Civil / Mechanical & Electrical discipline, shall not be considered for BMC work in future in that discipline.

Bidding Process will comprise of THREE stages.

***Joint Venture (JV) is not allowed.***

The bidder shall note the guidelines for Provisions incorporated in circulars are attached herewith in the Draft Tender.

**The application form can be downloaded from e-Procurement System of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>) The applicants not registered with BMC are mandated to get registered (Vendor Registration) with BMC for e-tendering process & obtain login credentials to participate in the online bidding process.**

### **Notes:**

- i. Estimated cost of the project is as per 2023 SOR Schedule exclusive of GST.

- ii. Any additional GST burden will be dealt with; as per Circular CA/Finance/Project/28/ dated 28.03.2023 issued by CA (F) department.
- iii. The Contractor should note that the bid shall be submitted excluding GST (Quote Excluding GST)
- i) The tenderer shall have to pay tender fees as per the circular No. CA/FRG/15 Dt.20.03.2026, Rs. 15972 + 18% GST through online payment gateway before downloading the tender document & all the tenderer are required to pay the EMD online only as per BMC procedure.
- ii) Followed by Mahatender login ID and password to be obtained from Central Purchase Department (CPD), Office at Byculla, Bakariadda, Mumbai.
- ii) For e-Tendering registration, enrollment for digital signature certificates and user manual, please refer to respective links provided in 'Tenders' tab. Vendors can get digital signature from any one of the Certifying Authorities (CA's) licensed by controller of certifying authorities namely, Safe's crypt, IDRBT, National informatics center, TCS, CUSTOMS, MTNL, GNFC and e- Mudra CA.

Sr. No.	Name of work	Estimated cost in Rs.	E.M.D. in Rs.	Contract Period	Tender Scrutiny fee
1.	Structural Strengthening and Repairs of Everard Nagar Subway on EEH in Kurla (L ward).	<b>71,98,310.00</b> /- (Exclusive GST)	<b>72,000.00/-</b>	06 months (Including Monsoon )	15972 /-+18% GST as applicable

In terms of the 3-stage system of e-tendering, a Bidder will be required to deposit, along with its Bid, an Earnest Money Deposit of **Rs. 72,000.00/-(In words– Seventy-Two Thousand rupees only) (the "EMD")**, refundable in accordance to the relevant clause of bid document, from the Bid Due Date, except in the case of the selected Bidder whose Bid Security/EMD shall be retained. The Bidders will have to provide Earnest Money Deposit through the payment gateways while submitting the bids. The Bid shall be summarily rejected if it is not accompanied by the Earnest Money Deposit on e-Procurement System of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>)

Tenderer shall pay EMD as per Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.

As per THREE Packet systems, the document for Fee, Pre-Qual /Technical, Finance known as Packet A, B & C respectively and the same is to be uploaded by the bidder in vendors' document online in Packet A, B & C. Packet A, B & C shall be opened on dates as mentioned in header data. All the responsive and eligible bidders if they so wish can be present at the time of opening of bids, in the office of Chief Engineer (Bridges). The Packet C shall be opened if bids submission in Packet A& B satisfies/includes all the requirements and same are found acceptable to the Authority.

The Municipal Commissioner reserves the right to reject all or any of the e- tender(s) without assigning any reasons at any stage.

The dates and time for submission and opening the bids are as shown in the Header Data. If there are any changes in the dates the same will be displayed on e-Procurement System of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>).

The Applicants interested in the above referred works may contact the Chief Engineer (Bridges) at the following address on any working day during office hours.

Office of:  
Chief Engineer (Bridges), BMC  
Zero Floor, Engineering Hub Building,  
Dr.E.Moses Road, Worli Naka,  
Worli, Mumbai- 400 018.

The applicants may wish to visit the site under reference located at Everard Nagar, Kurla (L ward) and can collect the information of the present status from the department who have invited the bids.

**Note:**

- i)** The successful bidder shall take trail pits upto 3 m depth for assessing / mapping the existing underground utilities. The successful bidder will be fully responsible for protection, and temporary support, relocation of charted and uncharted utilities in co-ordination with the concerned utility agencies to their satisfaction. The bidder shall be fully responsible for the said utility shifting infringing the alignment or construction area without asking for time extension and price variation due to change in design in this respect.
- ii)** The bidder shall quote the amount excluding GST.
- iii)** The bidder shall provide the necessary wardens, barricading and other equipment and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost.

The BMC reserves the rights to accept any of the application or reject any or all the application received for above works, without assigning any reasons thereof. The information regarding above subject matter is available on Website of e-Procurement System of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>).

The tender copy can be downloaded from e-Procurement System of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>).

- Sd/-

**Chief Engineer (Bridges)**

**HEADER DATA**

Tender Document No	2026_MCGM_1303319
Name of Organization	<b>Brihanmumbai Municipal Corporation</b>
Subject	<b>Structural Strengthening and Repairs of Everard Nagar Subway on EEH in Kurla (L ward)</b>
Tender Scrutiny Fees	15972/- + 18% GST as applicable
Cost of E-Tender (Estimated Cost)	<b>Rs. 71,98,310.00 /- (Exclusive GST)</b>
Bid Security Deposit/ EMD	<b>Rs. 72,000.00/-</b>
Date of issue and sale of tender	19.05.2026 from 11.00 Hrs.
Last date & time for sale of tender & Receipt of Bid Security Deposit.	29.05.2026 upto 12.00 Hrs.
Submission of Packet A, B & Packet C (Online)	29.05.2026 upto 16.00 Hrs.
Pre-Bid Meeting	-
Opening of Packet A	01.06.2026 after 16.10 Hrs.
Opening of Packet B	01.06.2026 after 16.15 Hrs.
Opening of Packet C	Same will be informed after scrutiny of packet 'A' & 'B'
Address for communication	Office of the: - <b>Ch.E. (Bridges)'s Office, BMC,</b> Ground floor, Engineering Hub building, Dr. E. Moses Road, Worli Naka, Worli, Mumbai-400018
Venue for opening of bid	Online in Ch. Eng. (Bridges)'s office.

**This tender document is not transferable.**

The BMC reserves the right to accept any of application or reject any or all the application received for above subject without assigning any reason thereof.

- Sd/-

**Chief Engineer (Bridges)**

**Note: 1. Bidder should note that the Tender fee of Rs. 15972/- + 18 % GST will be payable**

**As per guideline of Circular No.**

- i. CA/FRG/09, dt 04.10.24 (Online Payment)**
- ii. CA/FRG/15, dt 20.03.26 (15972/- + 18 % GST)**

**2. Tenderer shall pay EMD as per Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.**

**3. Additional Security Deposit will have to be paid as per the circular no. CA(Fin)/42 Dt.09.01.2021 and all conditions mentioned are applicable.**

**SECTION 2**  
**ELIGIBILITY CRITERIA**

## **2.1 Technical Capacity (Project Experience):**

The tenderer(s) in their own name should have satisfactorily executed the work of **similar nature** BMC /Semi Govt. /Govt. & Public Sector Organizations during last **seven (7) years** ending last day of month previous to the one in which bids are invited as a prime Contractor (or as a nominated sub-Contractor, where the subcontract had involved similar nature of work as described in the scope of works in this bid document, provided further that all other qualification criteria are satisfied)

**a) Three similar completed works or currently executing three works of similar nature each costing 20% of estimated cost. \***

**OR**

**b) Two similar completed works or currently executing two works of similar nature each costing 25% of estimated cost. \***

**OR**

**c) One completed work or currently executing one work of similar nature of aggregate 40% of estimated cost. \***

The value of executed works shall be brought to current costing level by enhancing the actual value of work at compound rate of 10 % per annum; calculated from the date of completion to last date of receipt of applications for tenders.

**Note: -**

**Similar nature of work shall mean, completed works of construction of Road over Bridge, RUB's, Flyover, Vehicular/ Pedestrian Subways, Residential building, commercial building, hospital building, other RCC structure at least Ground + 4 floors or structural repairs involving the work of external pre-stressing of girders or retrofitting (jacketing of columns, recasting of structural members, polymer grouting etc.).**

**\*In case of ongoing works to be considered, the bidder must have received payment bills of 80% of the contract sum for the work/works executed last day of month previous to the one in which bids are invited.**

## **2.2 Financial Capacity**

Achieved an average annual financial turnover as certified by 'Chartered Accountant' (in all classes of civil engineering construction works only) equal to 30% of the estimated cost of work in **last three (3) financial years** immediately preceding the Financial Year in which bids are invited.

- To ascertain this, tenderer(s) shall furnish /upload the financial statement (Audited balance sheet) duly certified by Chartered Accountant.
- The turnover can be enhanced by 10% every year to bring the present level

The value of completed works shall be brought to current costing level by enhancing the actual value of work at compound rate of 10 % per annum calculated from the date of

completion to last date of receipt of applications for tenders.

### **2.3 Similar Experience:**

**Similar nature of work shall mean, completed works of construction of Road over Bridge, RUB's, Flyover, Vehicular/ Pedestrian Subways, Residential building, commercial building, hospital building, other RCC structure at least Ground + 4 floors or structural repairs involving the work of external pre-stressing of girders or retrofitting (jacketing of columns, recasting of structural members, polymer grouting etc.).**

#### **a. Bid Capacity:**

**The bid capacity of the prospective bidders will be calculated as under:**

$$\text{Assessed Available Bid Capacity} = (A * N * 2 - B)$$

Where,

**A** = Maximum value of Civil Engineering works executed in any one year (year means Financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.

**N** = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g., 12months = 12/12 year) For every intervening monsoon 0.33 shall be added to N.

**B** = Value of existing commitments (only allotted works) on the last date of submission of bids as per bidding document and on-going works to be completed during the period of completion of the Project/Works for which these bids are being invited.

Note: The statement showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be attached along with certificates duly signed by the Engineer-in Charge, not below the rank of an Executive Engineer or equivalent.

**Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:**

- Made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements and/or

- Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, financial failures, etc.

(MGC/F/6565dt25.09.2018)

**SECTION 3**  
**DISCLAIMER**

## **DISCLAIMER**

The information contained in this e-tender document or provided to Applicant(s), whether verbally or in documentary or any other form, by or on behalf of the Brihanmumbai Municipal Corporation (BMC), hereafter also referred as “The Authority “, or any of its employees or advisors, is provided to Applicant(s) on the terms and conditions set out in this e-tender and such other terms and conditions subject to which such information is provided.

This e-tender includes statements, which reflect various assumptions and assessments arrived at by the Brihanmumbai Municipal Corporation (BMC) in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. This e-tender may not be appropriate for all persons, and it is not possible for the Brihanmumbai Municipal Corporation (BMC), its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this e-tender. The assumptions, assessments, statements and information contained in this e-tender may not be complete, accurate, adequate or correct. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this e-tender and obtain independent advice from appropriate sources.

Information provided in this e-tender to the Applicant(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Brihanmumbai Municipal Corporation (BMC) accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed here.

The Brihanmumbai Municipal Corporation(BMC), its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder, under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this e-tender or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the e-tender and any assessment, assumption, statement or information contained therein or deemed to form part of this e-tender or arising in any way with pre-qualification of Applicants for participation in the Bidding Process. The Brihanmumbai Municipal Corporation (BMC) also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Applicant upon the statements contained in these-tender.

The Brihanmumbai Municipal Corporation (BMC) may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or

assumptions contained in this e tender.

The issue of this e-tender does not imply that the Brihanmumbai Municipal Corporation (BMC) is bound to select and short-list pre-qualified Applications for Bid Stage or to appoint the selected Bidder or Concessionaire, as the case may be, for the Project and the Brihanmumbai Municipal Corporation (BMC) reserves the right to reject all or any of the Applications or Bids without assigning any reasons whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by The Brihanmumbai Municipal Corporation (BMC) or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant and the Brihanmumbai Municipal Corporation (BMC) shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Application, regardless of the conduct or outcome of the Bidding Process.

**SECTION 4**  
**INTRODUCTION**

#### **4.1. Background:**

The Brihanmumbai Municipal Corporation covers an area of 437.71sq.kms.with a population of 1.24 Crores as per census of 2011. The metropolis accounts major portion of India's international trade and government's revenue, from being one of the foremost centers of education, science and technological research and advancement.

The Mumbai Metropolis has historic tradition of strong civic activism dedicated to the cause of a better life for all its citizens. And it's the Brihanmumbai Municipal Corporation (BMC), hereafter called the "corporation", the primary agency responsible for urban governance in Greater Mumbai.

BMC (The Authority) is one of the largest local self-governments in the Asian Continent. In observance of historic traditions of strong civic activism, with the change in time and living conditions to match with the urbanization, BMC has mainly focused in providing almost all kinds of engineering services viz, Hydraulics, storm water drain, sewerage, water supply projects, roads, bridges, solid waste management, and environmental services. Beside this, the BMC is also providing dedicated services in various segments such as Health, Primary Education as well as the construction and maintenance of Public Markets and Slaughterhouses.

BMC is an organization having different departments, right from engineering depts. to health depts. Moreover, we have other dept. like education, market, fire brigade dept., Octroi and other such departments where quite a good number of staff members are working.

#### **4.2. Scope of Work:**

BMC is primarily an organization, which in the interest of citizens and with the speed of urbanization deals with the variety of the infrastructure services and delivered to the public by different departments like Water Supply Projects, Sewerage Projects, Hydraulics, Storm Water Drain/Roads and bridges and Building Construction etc.

The existing bridge (Subway) needs to be strengthened/ repaired.

Contractor shall submit construction methodology and phasing in detail proposed along with his offer. Vehicular traffic in the construction area shall be regulated with the help of Traffic Police Authority. However pedestrian movement in the area should not be affected during entire construction period. Hence, before starting the work barricading, signals, warning signals etc. shall be provided by contractor, in order not to affect the pedestrian movement and the utilities.

The bidder shall provide the necessary wardens, barricading and other equipment and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost.

**SECTION 5**  
**E-TENDERING ONLINE SUBMISSION  
PROCESS**

## **E-TENDERING ONLINE SUBMISSION PROCESS**

NOTE: This tendering process is covered under Information Technology ACT & Cyber Laws as applicable

(1) In e-tendering process some of the terms and its definitions are to be read as under wherever it reflects in online tendering process.

Start Date read as “Sale Date”

End Date read as “Submission Date”

Supplier read as “Contractor/bidder”

Vendor read as “Contractor/bidder”

Vendor Quotation read as “Contractors Bid/Offer”

Purchaser read as “Department/BMC”

**I. Before entering into online tendering process, the contractors should complete the registration process so as to get User ID for E-tendering links. For this, the contractors shall refer e-procurement system of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>).**

The Municipal Commissioner reserves the right to reject all or any of the e-Tender(s) without assigning any reason at any stage. The dates and time for submission and opening the tenders are as shown in the Header Data. If there are any changes in the dates the same will be displayed on the e-procurement system of Government of Maharashtra (Mahatenders) (<http://mahatenders.gov.in>)

### **BARRING PHYSICAL SUBMISSIONS**

As the entire tendering procedure is online process, the physical submission of documents shall not be entertained.

**SECTION 6**  
**INSTRUCTIONS TO**  
**APPLICANTS**

## INSTRUCTIONS TO APPLICANTS

### ➤ **Scope of Application**

The Authority wishes to receive Applications for Qualification in order to SELECT experienced and capable Applicants for the Bid Stage.

### ➤ **Eligibility of Applicants**

The Brihanmumbai Municipal Corporation (BMC) invites e-tender to appoint Contractor for the aforementioned work from contractors of repute, multidisciplinary engineering organizations i.e. eminent firm, Proprietary/Partnership Firms/ Private Limited Companies/ Public Limited Companies/Companies registered under the Indian companies' act 2013, the contractors registered with the Brihanmumbai Municipal Corporation , (BMC) in **Class IV(A) as per new registration** or Those having equivalent or more work experience from Central or State Government/Semi Govt. Organization/Central or State Public Sector Undertakings works, will be allowed subject to condition that, the contractors who are not registered with BMC will have to apply for registering their firm within three months from date of issue of work order failing which their Bid security i.e. EMD (Earnest Money Deposit) will be forfeited recovered and a penalty 0.1 % of contract cost OR Rs.10,000/- whichever is more will be recovered / deducted from the Contractors payment / bill by the executing department.

To be eligible for pre-qualification and short-listing, an Applicant shall fulfill the following conditions of eligibility:

#### **A) Technical Capacity (Project Experience):**

The tenderer(s) in their own name should have satisfactorily executed the work of **similar nature** BMC /Semi Govt. /Govt. & Public Sector Organizations during last **seven (7) years** ending last day of month previous to the one in which bids are invited as a prime Contractor (or as a nominated sub-Contractor, where the subcontract had involved similar nature of work as described in the scope of works in this bid document, provided further that all other qualification criteria are satisfied)

**a) Three similar completed works or currently executing three works of similar nature each costing 20% of estimated cost. \***

**OR**

**b) Two similar completed works or currently executing two works of similar nature each costing 25% of estimated cost. \***

**OR**

**c) One completed work or currently executing one work of similar nature of aggregate 40% of estimated cost. \***

The value of executed works shall be brought to current costing level by enhancing the actual value of work at compound rate of 10 % per annum; calculated from the date of completion to last date of receipt of applications for tenders.

**\*In case of ongoing works to be considered, the bidder must have received payment bills of 80% of the contract sum for the work/works executed last day of month previous to the one in which bids are invited.**

**Note: -**

**Similar nature of work shall mean, completed works of construction of Road over Bridge, RUB's, Flyover, Vehicular/ Pedestrian Subways, Residential building, commercial building, hospital building, other RCC structure at least Ground + 4 floors or structural repairs involving the work of external pre-stressing of girders or retrofitting (jacketing of columns, recasting of structural members, polymer grouting etc.).**

### **B) Financial Capacity**

Achieved an average annual financial turnover as certified by 'Chartered Accountant' (in all classes of civil engineering construction works only) equal to 30% of the estimated cost of work in last three (3) financial years immediately preceding the Financial Year in which bids are invited.

- To ascertain this, tenderer(s) shall furnish /upload the financial statement (Audited balance sheet) duly certified by Chartered Accountant.
- The turnover can be enhanced by 10% every year to bring the present level
- The value of completed works shall be brought to current costing level by enhancing the actual value of work at compound rate of 10 % per annum; calculated from the date of completion to last date of receipt of applications for tenders.

### **C) Bid Capacity:**

**The bid capacity of the prospective bidders will be calculated as under: Assessed Available Bid Capacity = (A\* N\* 2 - B)**

Where,

**A** = Maximum value of Civil Engineering works executed in any one year (year means Financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.

**N** = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g.12 months = 12/12 year) For every intervening monsoon 0.33 shall be added to N.

**B** = Value of existing commitments (only allotted works) on the last date of submission of bids as per bidding document and on-going works to be completed during the period of completion of the Project/Works for which these bids are being invited.

**Note:** The statement showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be attached along with certificates duly signed by the Engineer-in Charge, not below the rank of an Executive Engineer or equivalent.

**Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:**

- made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements and/or
- Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, financial failures etc. (MGC/F/6565 dt.25.09.2018)

**D) Equipment Capabilities as required for this work:**

**Regular and Routine works:** The successful bidder will make the arrangements of the required equipment on the day of commencement or with respect to the progress of the work in phases, as per the instructions of site in charge. The successful bidder and, to that effect he will ensure commitment on an undertaking on Rs.500 stamp paper to be submitted along with the Bid in Packet B. However, this condition in no way shall dilute the respective condition in Registration Rules of MCGM.

**Note:**

1. Bidders shall submit the undertaking for equipment capability and other undertakings as such on a single Rs.500/- stamp paper.
2. Insistence of availability of equipment's/plants at particular distance from site should not be made in the tender document.

**E) Technical Personnel:**

The contractor and/or its managerial staff should have qualification/experience appropriate to the function they fulfill. The minimum standard shall be increased by asking that at least one number or more of the contractor or its managerial staff have acquired qualifications or work experience to the needs of the contract. The minimum standard may also state that the person or persons responsible for managing the works must have a minimum of no's of years' experience working on similar nature of projects.

Cost of Work (Rs.In Crore)	Requirement of Technical Staff		Minimum Experience in Years	Designation
	Qualification	Number		
Up to 1.5	i) Graduate Engineer	1	2	Principal Technical Representative
	Or			
	Diploma Engineer	1	5	Project/ Site Engineer /Billing Engineer

**NOTE:**

1. The minimum suggested Personnel, with the prescribed construction schedule prior to bidding of this bid are shown in the above list.
2. The tenderer(s) should upload general information on the Organizational set up of the firm, to allow the employer to review their proposals.
3. “Cost of work”, in table above, shall mean the agreement amount of the work.
4. Rate of recovery in case of non-compliance of the clause be stipulated at following rates: -

Sr. No	Qualification	Experience(Years)	Rate of Recovery
1	Project Manager with degree	10	Rs.30000/-p.m.
2	Graduate Engineer	5	Rs.25000/-p.m.
3	Graduate Engineer	2	Rs.15000/-p.m.
4	Diploma Engineer	5	Rs.15000/-p.m.

5. Nothing extra need to be added while preparing market rate justified amount of the work if stipulation is made as per above recommended scale of technical staff.
6. Requirement of technical staff and their experience can be varied depending upon cost and complexity of the work by competent authority i.e. Chief Engineer with recorded reasons.
7. The failure in providing experienced technical and professional ability personnel and even ignoring the instruction of the Engineer-in-charge shall be linked to penalization. Such disobeying attitude of the contractor shall also be reported to

Vigilance/Registration & Monitoring department.

**F) Time period of the project:**

Entire project should be completed and delivered within **06 months (Including Monsoon)** of time from the date of award of contract that Excluding Monsoon.

The time allowed for carrying out the work as entered in the Tender shall be strictly observed by the Contractor and shall be reckoned from the date on which the Letter of Acceptance is given to the Contractor. The work shall throughout the stipulated period of the Contract be proceeded with all due diligence as time being deemed to be the essence of the contract on the part of the Contractor. On failing to do so, the Contractor shall pay as compensation an amount which shall be governed as per Clause - 8(e) of Standard General Conditions of Contract.

The Contractor should complete the work as per phase given below:

- ¼ of the work in .. ¼ of the time
- ½ of the work in .. ½ of the time
- ¾ of the work in .. ¾ of the time
- Full of the work in .. Full of the time

Full work will be completed in 06 months (Including monsoon).

The programme for completion of work shall be a part of the Contract Document in the form of Bar Chart / Gantt chart. The Contractor is supposed to carry out the work and keep the progress as per Bar Chart/GANTT Chart. The Contractor shall complete the work as per the Schedule given in the Contract and the program submitted by the Contractor.

**G) Contract Execution:**

All required documents for execution of the contract shall be submitted within 30 days from the date of issue of letter of acceptance. If the documents are not submitted within the stipulated time, a penalty of Rs 5000/- per day will be applicable to the contractor. All contract documents need to be duly affixed with stamp duty properly signed along with evidence/proof of payment of security/contract deposit/ within 30 days from the date of letter of acceptance received by him

**H)** If the amount of the Contract Deposit to be paid above is not paid within 30 days from the date of issue of Letter of Acceptance, the Tender / Contractor already accepted shall be considered as cancelled and legal steps be taken against the contractor for recovery of the amounts. The amount of Security Deposit retained by the BMC shall be released after expiry of period up to which the contractor has agreed to maintain the work in good order is over. In the event of the contractor failing or neglecting to complete the rectification work within the period up to which the contractor has agreed to maintain the working order is over, the amount of security deposit retained by BMC shall be adjusted to-wards the excess cost incurred by the Department on rectification work.

**I) Action when whole of security deposit is forfeited:**

In any case in which under any Clause of this contract, the contractor shall have rendered himself liable to pay compensation amounting to the whole of this security deposit whether paid in one sum or deducted by installments or in the case of abandonment of the work owing to serious illness or death of the contractor or any other cause, the Engineer on behalf of the Municipal Commissioner shall have power to adopt any of the following process, as he may deem best suited to the interest of BMC -

- (a) To rescind the contract (for which recession notice in writing to the contractor under the head of Executive Engineer shall be conclusive evidence) and in that case, the security deposit of the contract shall stand forfeited and be absolutely at the disposal of BMC.
- (b) To carry out the work or any part of the work departmentally debiting the contractor with the cost of the work, expenditure incurred on tools and plant, and charges on additional supervisory staff including the cost of work-charged establishment employed for getting the un-executed part of the work completed and crediting him with the value of the work done departmentally in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the Executive Engineer as to the costs and other allied expenses so incurred and as to the value of the work so done departmentally shall be final and conclusive against the contractor
- (c) To order that the work of the contractor be measured up and to take such part thereof as shall be un-executed out of his hands, and to give it to another contractor to complete, in which case all expenses incurred on advertisement for fixing a new contracting agency, additional supervisory staff including the cost of work charged establishment and the cost of the work executed by the new contract agency will be debited to the contractor and the value of the work done or executed through the new contractor shall be credited to the contractor in all respects and in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the Executive Engineer as to all the cost of the work and other expenses incurred as aforesaid for or in getting the un- executed work done by the new contractor and as to the value of the work so done shall be final and conclusive against the contractor.

In case the contract shall be rescinded under Clause (a) above, the contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed by him under this contract unless and until the Executive Engineer shall have certified in writing the performance of such work and the amount payable to him in respect thereof and he shall only be entitled to be paid the amount so certified. In the event of either of the courses referred to in Clause (b) or (c) being adopted and the cost of the work executed departmentally or through a new contractor and other allied expenses exceeding the value of such work credited to the contractors amount of excess shall be deducted from any money due to the contractor, by BMC under the contract or otherwise, howsoever, or from his security deposit or the sale proceeds thereof provided, however, the contractor shall have no

claim against BMC even if the certified value of the work done departmentally or through a new contractor exceeds the certified cost of such work and allied expenses, provided always that whichever of the three courses mentioned in clauses (a), (b) or (c) is adopted by the Executive Engineer, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchase or procured any materials or entered in to any engagements or made any advance on account of or with a view to the execution of the work or the performance of the contract.

**J) Contract may be rescinded and security deposit forfeited for bribing a public officer or if contractor becomes insolvent:**

If the contractor assigns or sublets his contracts or attempt so to do, or become insolvent or commence any proceeding to get himself adjudicated and insolvent or make any composition with his creditors, or attempt so to do or if bribe, gratuity, gift, loan, perquisite, reward or advantage, pecuniary or otherwise, shall either directly or indirectly be given promised or offered by the contractor or any of his servants or agents through any public officer, or person in the employ of BMC/Govt. in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract the Engineer In-charge may thereupon, by notice in writing rescind the contract and the Security Deposit of the Contractor shall thereupon stand forfeited and be absolutely at the disposal of BMC and the same consequences shall ensure as if the contract had been rescinded under above clause J hereof; and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contract.

**K)** It will be entirely responsibility of the contractor to provide and install secure barricades on work site, wholly at his cost. The barricading shall be provided as per specifications and as per site requirements and the circular issued u/no. MGC/F/6342 dated 05.05.2018 shall be applicable. BMC will not make any payments towards barricading, contractor shall quote accordingly.

**L)** All the excavated material belongs to the Municipal Corporation of the Greater Mumbai and therefore shall be the property of BMC. The excavated material shall be removed from site and dump to suitable dumping ground at the risk and cost of the contractors. The payment of transportation charges shall not be paid by the BMC. The bidder has to consider all the cost above and have to quote accordingly.

## **Categories and classes available for Civil Contractors**

### **A. New registration. (2016)**

#### **Minimum Financial requirements for Civil Engineering Discipline**

(Rs. In Lakh)

<b>Class</b>	<b>Amounts up to which work can be taken up</b>	<b>Min. Solvency</b>	<b>Average turnover of work done during last 3 years</b>	<b>Estimated cost of work in hand during current year</b>
I(A)	Without Limit	150	300	450
I(B)	2500			
I(C)	1500			
II	750	75	200	300
III	300	30	90	150
IV	150	15	60	80
IV(A)	90	9	40	60
V	50	5	25	30
V(A)	30	3	15	10
VI	15	2	7.5	10
VII	7	1	1.5	3
VIII	3	0.50	1	1.5
IX	2	0.25	0.5	1

## Submission of Tenders

### PACKET – A

**The Packet ‘A’ shall contain scanned certified copies of the following documents**

Scrutiny of this packet will be done strictly with reference to only the scanned copies of Documents uploaded online in packet ‘A’

- a) Valid Registration Certificate.
- b) Valid Bank Solvency Certificate of Minimum Solvency amount as governed by Registration Rules in force for respective Class of Contractor for Civil and M&E works.
- c) Valid GST Registration Certificate.
- d) Certified copies of valid 'PAN' documents and photographs of the individuals, owners, Karta of Hindu undivided Family, firms, private limited companies, registered co-operative societies, partners of partnership firms and at least two Directors, if number of Directors are more than two in case of Private Limited Companies, as the case may be. However, in case of Public Limited companies, Semi Government Undertakings, Government Undertakings, no 'PAN' documents will be insisted.
- e) Latest Partnership Deed in case of Partnership firm duly registered with Chief Accountant (Treasury) of BMC.
- f) The bidders shall categorically provide their Email-ID in Packet ‘A’.
- g) Provisions of Circular CA/F/Project/19,dt.04.03.24 are applied.

NOTE:

- If the tenderer(s) withdraw tender offer during the tender validity period, his entire E.M.D shall be forfeited.
- If it is found that the tenderer has not submitted required documents in Packet “A” then, the shortfalls will be communicated to the tenderer through e-mail only and compliance required to be made within a time period of **three working days** otherwise they will be treated as non-responsive.

## PACKET – B

**The Packet ‘B’ shall contain scanned certified copies of the following documents –**

**a)** The list of similar type of works as stated in Technical Capacity of Eligibility Criteria successfully completed during **the last Seven (7) years** in prescribed proforma, in the role of prime contractor (or as a nominated sub-Contractor, where the subcontract had involved similar nature of work as described in the scope of works in this bid document, provided further that all other qualification criteria are satisfied). Information furnished in the prescribed proforma (Proforma – I) shall be supported by the certificate duly self-attested. Documents stating that it has successfully completed during the last seven years at least one contract of similar works as stated in Eligibility Criteria.

**b)** Annual financial turnover for preceding **three financial years as certified by Chartered Accountant** preceding the Financial Year in which bids are invited. **Copies of Applicants duly audited balance sheet and profit and loss account for the preceding five financial years preceding the Financial Year in which bids are invited. (Proforma –II)**

**c)** Documents stating that, it has access to or has available liquid assets, unencumbered assets, lines of credit and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements for the subject contract in the event of stoppage, start-up, or other delay in payment, of the minimum 15% of the cost of the work tendered for, net of the tenderer's commitment of other contracts (Certificate from Bankers / C.A./Financial Institution shall be accepted as a evidence).

**d)** The bidder shall give undertaking on Rs 500/-stamp paper that it is his/their sole responsibility to arrange the required machineries either owned/on lease or hire basis, at site before start of the work

**i) Regular and Routine Works:** The successful bidder will make the arrangements of the required equipment on the day of commencement or with respect to the progress of the work in phases, as per the instructions of site in charge. The successful bidder and, to that effect he will ensure commitment on an undertaking on Rs.500 stamp paper to be submitted along with the Bid in Packet B. However, this condition in no way shall dilute the respective condition in Registration Rules of BMC.

**e)** Details of works in hand (Proforma VI-A & VI-B) (original), along with copies of work orders & attested copies of percentage of works completed or part thereof.

**f)** Statement showing assessed available Bid Capacity.

**g)** The undertaking of Rs.500/- stamp paper as per the proforma annexed in ‘Annexure B &C’

**Note: Bidders shall submit the undertaking for equipment capability and other undertakings as such on a single Rs.500/- stamp paper.**

**h)** The tenderers shall upload work plan as per the following outline:

1. GANTT chart/ PERT/ CPM/Bar chart showing the completion of work within prescribed time period, considering major activities.
2. Organizational set up envisaged by the contractors.
3. Plant & equipment proposed to be deployed for this work.
4. Site Offices and Laboratories proposed to be setup.
5. A note on how the whole work will be carried out (work plan including methodology).
6. Quality management plan.
7. All the activities included in the Scope of Work shall be covered in the work plan.

**i)** The tenderer shall submit the signed copies of all addendums & corrigendum's, if any.

**j)** The litigation history as per the clause no 2.8. The bidder shall disclose the litigation history in packet B under the head “**details of Litigation History**” as per circular u/no. **MGC/F/6565 dt. 25.09.2018**

**(PROFORMA VII)**

If there is no litigation history, the bidder shall specifically mention that there is no litigation history against him as per the clause of litigation history.

In case there is Litigation History, - Litigation History must cover –Any action of blacklisting, debarring, banning, suspension, de-registration and cheating with BMC, State Govt., Central Govt. or any authority under State or Central Govt./Govt. organization initiated against the company, firm, directors, partners or authorized signatory shall be disclosed for last five years from the date of submission of bid. Also, bidder must disclose the Litigation History for last five years from the date of submission of bid about any action like show cause issued, blacklisting, debarring, banning, suspension, deregistration and cheating with BMC and BMC is the party in the Litigation against the company, firm, directors, partners or authorized signatory for carrying out any work for BMC by any authority of BMC and the orders passed by the competent authority or by any court where BMC is a party. While taking decision on Litigation History the concerned Chief Engineer or D.M.C. or Director, as may be the case, should consider the details submitted by the bidder and take decision based on the gravity of the litigation and the adverse effects of the act of the company, firm, directors, partners or authorized signatory on the BMC works which can spoil the quality, output, delivery of any goods or any work execution and within the time frame.

**k)** The list of the ‘Technical personnel’s’ with their qualification, working in the tenderer’s establishments as per pro-forma IV.

**l)** Notarized undertaking on Rs.500/- stamp paper as per clause no **74 (arbitration clause in GCC)**

**m)** The bidder/tenderer shall submit valid registration certificate under E.S.I.C., Act 1948,

if the bidder/tenderer has more than 10 employees /persons on his establishment (in case of production by use of energy) and 10 employees/persons on his establishment (in case of production without use of energy) to BMC. In case of less employees/persons than mentioned above then the successful bidder/tenderer has to submit an Notarized undertaking to that effect on Rs. 500 stamp paper as per circular u/no. CA/FRD/I/65 of 30.03.2013.

**m)** The bidder/tenderer shall submit valid registration certificate under E.P.F. &M.P. Act 1952, if bidder/tenderer has more than 20 employees/persons on his establishment, to BMC. In case if the successful tenderer /bidder has less employees/persons than mentioned above then the successful bidder has to submit an Notarized undertaking to that effect on Rs. 500 stamp paper as per circular u/no. CA/FRD/I/44 of 04.01.2013.

**Note: -**

If it is found that the tenderer has not submitted required documents in Packet “B” then, the shortfalls will be communicated to the tenderer through e-mail only and compliance is required to be made through e-mail within a time period of three working days, otherwise they will be treated as non-responsive.

## PACKET – C

a) Online tender filled in either percentage plus or minus (above or below), or at par. (There is no separate provision to quote % in physical form, this is a part in Header Data of online Tendering). For Packet 'C' tenderer(s) will fill data in 'Item Data Tab' in Service Line Item via Details and quotes his percentage variation figures. **(If entered '0' it will be treated as 'at par'. By default, the value is zero only).**

**Note: In case of rebate/premium of 15% and above as quoted by the tenderer, the rate analysis of major items shall be submitted by L1 and L2 bidder after demand notification by e-mail to bidders by concerned Dy. Ch. Eng. The format for rate analysis is annexed at Annexure D.**

### INTERNAL GRIEVANCE REDRESSAL MECHANISM

As per circular u.no. Dy.Ch.E/CPD/2025/ dt01.09.2021/Ch.E. (Vig.)/436/B/dtd. 18.05.2023 New clause of regarding Grievance Redressal Committee (GRC) to address grievances from bidders is applicable)

B.M.C.has formed a internal Grievance Redressal Mechanism for Redressal of bidders grievances. Any Bidder or prospective Bidder aggrieved by any decision, action or omission of the procuring entity being contrary to the provisions of the tender or any rules or guidelines issued therein, In packet 'A', 'B' & 'C' can make an application for review of decision of responsiveness in Packet 'A', 'B' & 'C' within a period of **7 Days** or any such other period, as may be specified in the bid document.

While making such an application to procuring entity for review, aggrieved bidders or prospective bidders shall clearly specify the ground or grounds in respect of which he feels aggrieved.

Provided that after declaration of a bidder as a successful in Packet 'A' (General Requirements), an application for review may be filed only by a bidder who has participated in procurement proceedings and after declaration of successful bidder in Packet 'B' (Technical Bid), an application may be filed only by successful bidders of Packet 'A'. Provided further that, an application for review of the financial bid can be submitted, by the bidder whose technical bid is found to be acceptable/responsive.

Upon receipt of such application for review, B.M.C. may decide whether the bid process is required to be suspended pending disposal of such review. The B.M.C. after examining the application and the documents available to him, give such reliefs, as may be considered appropriate and communicate its decision to the Applicant and if required to other bidders or prospective bidders, as the case may be.

B.M.C. shall deal and dispose of the application as expeditiously as possible and in any case within 10 days from the data of receipt of such application or such other period as may be specified in pre-qualification document, Bidder registration document or bid documents, as the case may be.

Where B.M.C. fails to dispose of the application within the specified period or if the bidder or prospective bidder feels aggrieved by the decision of the procuring entity, such bidder

or prospective bidder may file an application for redressal before the 'Internal Procurement Redressal Committee' within 7 days of the expiry of the allowed time or of the date of receipt of the decision, as the case may be. Every such application for internal redressal before redressal

Committee shall be accompanied by fee of Rs.25,000/- and fee shall be paid in the form of D.D. in favor of M.C.G.M.

**1st Appeal by the bidder against the decision of C.E./HoD/Dean can be made to concerned DMC / Director who should decide appeal in 7days.**

**If not satisfied, 2<sup>nd</sup> appeal by the bidder can be made to concerned A.M.C for decision.**

Grievance Redressal Committee (GRC) is headed by concerned D.M.C / Director of particular department for the first appeal / grievances by the bidder against the decision for responsiveness

/ Non-responsiveness in Packet 'A', Packet 'B' or Packet 'C', and if not satisfied, concerned A.M.C, will take decision as per second appeal made by the bidder.

**This grievance Redressal Committee (GRC) will be operated through DMC(CPD) office where appeals of aggrieved bidder will be received with fee of Rs. 25000/- from aggrieved bidder. The necessary correspondence in respect of said applications to the aggrieved bidder & concerned department, issuing notices, arranging of grievance Redressal Committee (GRC) with D. M. C. and further proceeding will be carried out through registrar appointed by BMC.**

No application shall be maintainable before the redressal committee in Regard of any decision of the B.M.C. relating to following issues:

Determination of need of procurement

The decision of whether or not to enter into negotiations. Cancellation of a procurement process for certain reasons.

On receipt of recommendation of the committee, it will be communicated his decision thereon to the Applicant within 10 days or such further time not exceeding 20 days, as may be considered necessary from the date of the recommendation and in case of non-acceptable of any recommendation, the reason of such non- acceptance shall also be mentioned in such communication.

Additional Municipal Commissioner and/or Grievance Redressal Committee, if found, come to the conclusion that any such complaint or review is of vexatious, frivolous or malicious nature and submitted with the intention of delaying or defeating any procurement or causing loss to the procuring entity or any other bidder, then such complaint shall be punished with fine, which may extend to Five Lac rupees or two percent of the value of the procurement, whichever is higher.

**APPOINTING OF DESIGNATED OFFICER FOR CONTRACTORS' GRIEVANCES**

The Appellate Authority for Redressal of Contractors' Grievances shall be as follows:

i. Ist Appeal by the bidder against the decision of C.E./HOD/Dean can be made to concerned DMC/Director who should decide appeal in 7 days

ii. Ind Appeal by the bidder can be made to concerned AMC for decision and his decision will be final.

### **BID SECURITY OR EMD**

- The Bidder shall furnish, as part of the Bid, Bid Security/EMD, in the amount specified in the Bid Data Sheet. This bid security shall be in favor of the authority mentioned in the Bid Data Sheet and shall be valid till the validity of the bid.
  - Tenderer shall pay EMD as per Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.
  - Any bid not accompanied by an acceptable Bid Security and not secured as indicated in sub- clause mentioned above, shall be rejected by the Employer as non-responsive.
  - The Bid Security of the successful Bidder will be discharged when the Bidder has signed the Agreement and furnished the required Security Deposits.
  - The Bid Security/ EMD and ASD of L-2 and other higher bidders (L-3, L-4 etc) shall be refunded immediately after opening of financial bid.
  - In case, the successful bidder becomes non-responsive or successful bidder withdraws the bid or is unwilling to extend the bid validity period, in such circumstances, if L-2 bidder is agreeable to extend bid validity period and ready to deposit the requisite amount of bid security/EMD and ASD to the department within the stipulated time period i.e.15 days, the department will process further as per normal procedure.
  - The Bid Security may be forfeited:
    - a) If the Bidder withdraws the Bid after bid opening (opening of technical qualification part of the 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. sign the Agreement; and/or
      - ii. Furnish the required Security Deposits
1. Maximum 5 shortfalls of curable defects shall be allowed & in case curable defects are not complied by bidder within given time period, the bidder shall be treated as non-responsive.
  2. The cases, will be informed to Registration and Monitoring Cell. Such non-submission of documents will be considered as 'Intentional Avoidance' and if three or more cases in 12 months are re-reported, shall be viewed seriously and disciplinary action against the defaulters such as banning/de-registration, etc. shall be taken by the registration cell with due approval of the concerned AMC.
  3. No rejections and forfeiture shall be done as per Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.

### **4. FORFEITURE OF EMD FOR BEINGNON-RESPONSIVE**

1. Refer Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.

2. The forfeiture of EMD in the cases wherein if these submissions are not followed by a contractor, shall be informed by the user department to Registration and Monitoring Cell so as to make a data-base of such defaults of the contractors

3. In case of non-submission of documents be considered as 'Intentional Avoidance' and if three or more cases in 12 months are reported, it shall be viewed seriously and disciplinary action against the defaulters which includes demotion, suspension, etc. shall be taken by Registration cell as governed by relative provision in Registration Rules of BMC and Standard General Conditions of Contract.

4. Penalty:

Please refer the GCC

**Note:**

**i) Curable Defect shall mean shortfalls in submission such as:**

**a. Non-submission of following documents,**

**i. Valid Registration Certificate**

**ii. Valid Bank Solvency**

**iii. Valid GST Certificate**

**iv. Certified Copies of PAN documents and photographs of individuals, owners, etc.**

**v. Partnership Deed and any other documents**

**vi. Undertakings as mentioned in the tender document.**

**ii) Non-curable Defect shall mean**

**a. In-adequate submission of EMD/ASD amount,**

**b. In-adequacy of technical and financial capacity with respect to Eligibility criteria as stipulated in the tender.**

**c. No proper submission of experience certificate and other documents etc.**

**Please refer circular Ch.E./BM/019919/II/7.01.2019**

**d. Wrong calculation of Bid Capacity,**

**e. Non submission of rate analysis**

### **BID VALIDITY**

**Bids shall remain valid for a period of not less than one eighty (180) days after the deadline date for bid submission specified in Bid Data Sheet. A bid valid for a shorter period shall be rejected by the Employer as non-responsive.**

- In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the re-request will not be required or permitted to modify his bid but will be required to extend the validity of his bid security for a period of the extension.

### **DEFECT LIABILITY PERIOD**

- The Contractor is expected to carry out the construction work in Workmen like manner so as to meet the requirement and specification for the project. It is expected that the Workmanship and materials will be reasonably fit for the purpose for which they are required.
- Defects or defective work is where standard and quality of workmanship and materials as specified in the contract is deficient. Defect is defined as a failure of the completed project to satisfy the express or implied quality or quantity obligations of the construction contract. Defective construction works are as the works which fail short of complying with the express descriptions or requirements of the contract, especially any drawings or specifications with any implied terms and conditions as to its quality, workmanship, durability, aesthetic, performance or design. Defects in construction projects are attributable to various reasons.
- Some of the defects are structural defects results in cracks or collapse of faulty defective plumbing, inadequate or faulty drainage system, inadequate or faulty ventilation, cooling or heating systems, inadequate fire systems etc. The defects could be various on accounts of different reasons for variety of the projects.
- The Engineering In charge/Project Officer shall issue the practical completion certificate for the project. During the Defect Liability Period which commences on completion of the work, the Engineering In charge shall inform or the contractor is expected to be informed of any defective works by the Employer's representative of the defects and make good at contractor's cost with an intention of giving opportunity to the contractor of making good the defects appeared during that period. It is the contractor's obligation under the contract to rectify the defects that appear during Defect Liability Period and the contractor shall within a reasonable time after receipt of such instructions comply with the same at his own cost. The Engineering In charge/Project Officer shall issue a certificate to that effect and completion of making good defects shall be deemed for all the purpose of this contract to have taken place on the day named in such defect liability certificate.
- If defective work or workmanship or design have been knowingly covered-up or conceived so as to constitute fraud, commencement of the Defect Liability Period may be delayed. The decided period may be delayed until discover actually occurs on at least

the defect could have been discovered with reasonable diligence, whichever is earlier.

- The DLP shall be as below:

<b>Dept.</b>	<b>Type of works</b>	<b>DLP</b>
Roads / Bridge	For cement concrete road/ Mastic works	5 years
	Asphalt work	3 years
	Paver Block	3 years
	Structural work	5 years
	General works	5 years

Also, in case of defect, the Engineer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at. The Defects Liability Period shall be extended for as long as Defects remain to be corrected. Every time notice of Defect/Defects is given, the Contractor shall correct the notified Defect/Defects within the duration of time specified by the Engineer's notice. The Engineer may issue notice to the Contractor to carry out removal of defects or deficiencies, if any, noticed in his inspection, or brought to his notice. The Contractor shall remove the defects and deficiencies within the period specified in the notice and submit to the Engineer a compliance report.

- It is the Completion Stage when the contractor has completed all of the works and fixed all of the defects that were on the list of issue by Engineer-in-charge. When this happens, the engineer must issue a 'Certificate of Completion'. On the issue of 'Certificate of Completion', the 'Defect Liability Period' starts. The contractor also must issue a 'Certificate statement' as an acknowledgment to the engineer not later than 14 days after the 'Certificate of Completion' has been issued. During the 'Defect Liability Period', the contractor has to obey all written instructions from the engineer to carryout repairs and fix any defects which appear in the Permanent Works. If the contractor does not, due to his own faults finish the repair works or fix the defects by the end of 'Defect Liability Period', the 'Defect Liability Period' will continue until all works instructed by engineer is done.

## SECURITY DEPOSIT AND PERFORMANCE GUARANTEE

### A. Security Deposit

The security deposit shall mean and comprise of

#### I) Contract Deposit and II) Retention Money

I) **Contract Deposit** – The successful tenderer, here after referred to as the contractor shall pay an amount equal to two (2) percent of the contract sum shall be paid within thirty days from the date of issue of letter of acceptance.

II) **Retention Money**–The contractor shall pay the retention money an amount equal to five (5) Percent of the Contract Sum which will be recovered from the contractors every bill i.e., interim /running /final bill. The clause of retention money will not be applicable M. & E. Department.

### B. Additional Security Deposit

Additional Security Deposit as shown below will have to be paid within 15 working days from LOA in the form of Demand Draft as per the circular no. CA(Fin)/42 Dt.09.01.2021 and all conditions mentioned are applicable.

Sr. No.	Rebate quoted by Bidder	ASD applicable
1.	Up to 12% rebate	No ASD
2.	12.01 % to 20 % rebate	1% of estimated cost for each percentage and part thereof above 12% rebate
3.	20.01 % rebate and above	1% of estimated cost for each percentage and part thereof above 12% upto 20% rebate+ 2% extra for each percentage and part thereof over and above 20% rebate

The ASD is calculated as follows:

Additional Security Deposit =  $(X/100) \times$  office estimated cost, Where X=percentage rebate quoted above 12% upto 20%.

Plus

Additional Security Deposit =  $(X/100) \times 2 \times$  office estimated cost, Where X=percentage rebate quoted over and above 20% rebate.

### C. Performance Guarantee :-

The successful tender, hereafter referred to as the contractor shall pay in the form of “Performance

Guarantee” at different rates for different slabs as stated below:

Offer	PG applicable %
For Premium, at par and rebate 0 to 12%	PG= 0.92% x contract sum rebate 0 to 12% applicable for rebate of 12%
For rebate of 12.01% and more	P.G. = {0.92% x contract sum applicable for rebate of 12%} + (X)/100 x Contract sum X=% rebate quoted more than 12%

**Note: Contract sum shall mean amount after application of rebate/premium as quoted by the contractor with contingencies only and excluding price variation.**

The PG shall be paid in one the following forms.

- I) Cash (In case guarantee amount is less than Rs.10,000/-)
- II) Demand Draft (In case guarantee amount is less than Rs.1,00,000/-)
- III) Government securities
- IV) Fixed Deposit Receipts (FDR) of a Schedule Bank.
- V) An electronically issued irrevocable bank guarantee bond of any Schedule bank or in the prescribed form given in Annexure.

Performance Guarantee is applicable over and above the clause of Security Deposit. Performance Guarantee will have to be paid & shall be valid till the defect liability period or finalization of final bill whichever is later.

This deposit will be allowed in the form of I to V as mentioned above and shall be paid within 15 days after receipt of Letter of Acceptance.

**Note:** Following exceptions shall be adopted for ‘Demolition Tenders’:

- Irrespective of the offer (Rebate/at par/premium), ASD shall be differed and only PG of 10% of contract sum be taken from the successful bidder on a ward of contract only.
- BMC departments shall ensure to incorporate specific condition regarding above in bid document and e-tender notice.

## **D. Refund of Security Deposit**

### **I. Refund of Contract Deposit**

The Contract Deposit shall be released within 30 days after completion of 3rd year of DLP (in case of 5 years DLP) and after issue of 'Defect Liability Certificate' (in case of 1 or 2 or 3 years DLP) subject to no recoveries are pending against the said work, provided that the Engineer is satisfied that there is no demand outstanding against the Contractor. No claim shall be made against the Balance Contract Deposit after the issue of Defects Liability Certificate.

### **II. Refund of Retention Money**

One-half (50%) of the Retention Money shall be released within 30 days of issue of 'Certificate of Completion' with respect to the whole of the Works. In the event the Engineer issues a Taking-over Certificate for a section or part of the Permanent Works, only such proposition thereof as the Engineer determines (having regard to the relative value of such section or part of the Works) shall be considered by the Engineer for payment to the Contractor.

The balance Retention Money shall be released within 30 days after completion of 3rd year of DLP (in case of 5 years DLP) and after issue of 'Defect Liability Certificate' (in case of 1 or 2 or 3 years DLP) provided that the Engineer is satisfied that there is no demand outstanding against the Contractor. In the event of different Defects Liability Periods have been specified or become applicable to different sections or parts of the Permanent Works, the said moneys will be released within 30 days on expiration of the latest of such Defects Liability Periods.

Payment of the above mentioned 50% is exclusive of the amounts to be withheld as stated in and that amount shall be paid as per condition stated therein.

### **III. Refund of Additional Security Deposit**

The additional security deposit shall be released within 30 days of issue of 'Certificate of Completion' with respect to the whole of the Works. In the event the Engineer issues a Taking-over Certificate for a section or part of the Permanent Works, only such proposition thereof as the Engineer determines (having regard to the relative value of such section or part of the Works) shall be considered by the Engineer for payment to the Contractor.

### **IV. Refund of EMD**

**Tenderer shall pay EMD as per Circular u/no. CA/Finance/Project/19 dt. 04.03.2024 and all conditions mentioned in this circular is applicable for this tender.**

1. Except successful bidder all other unsuccessful bidders 100% EMD paid online will be

refunded automatically.

2. The bid security of successful bidder will be discharged when the bidder has signed the agreement and / on furnish the required security deposit as elaborated in standard bid document .

#### V. Refund of Performance Guarantee

The Deposit on account of performance guarantee shall be released within 30 days of completion of Defects Liability Certificate subject finalization of final bill whichever is later and no recoveries are pending against the said work, provided that the Engineer is satisfied that there is no demand outstanding against the Contractor.

- **Summary of time of Refund of deposit is tabulated as follows**

A Time of Refund for works having 5 years DLP

<b>Deposits refunded after completion</b>	<b>After 3 yrs of DLP</b>	<b>After Completion of DLP &amp; finalization of final bill whichever is later</b>
<b>ASD + 50% of RM</b>	<b>CD+50% of RM</b>	<b>PG</b>

B Time of Refund for works having 1 or 2 or 3 years DLP

<b>Deposits refunded after completion</b>	<b>After Completion of DLP &amp; finalization of final bill whichever is later</b>
<b>ASD + 50% of RM</b>	<b>CD+50% of RM+ PG</b>

\*Note: a) It shall be clearly mentioned that the BG shall be applicable for individual work/contract and clubbing of various contracts of the said contractor will not be allowed. In case of obtaining Bank Guarantee, it is necessary to mention that the same shall be valid further 6 months from the completion of defect liability period/ warranty period. b) It shall be the responsibility of the bidder to keep the submitted B.G. "VALID" for the stipulated time period in the tender & in case of its expiry it will attract penalization. c) Bank Guarantee

should be issued by way of General Undertaking and Guarantee issued on behalf of the Contractor by any of the Nationalized or Scheduled banks or branches of foreign banks operating under Reserve Bank of India regulations located in Mumbai up to Virar & Kalyan. List of approved Banks is appended at the end of Instructions to Bidders (ITB). The Bank Guarantee issued by branches of approved Banks beyond Kalyan and Virar can be accepted only if the said Bank Guarantee is countersigned by the Manager of a Regional Branch of the same bank within the Mumbai City Limit categorically endorsing thereon that the said Bank Guarantee is binding on the endorsing Branch of the Bank or the Bank itself within Mumbai Limits and is liable to be enforced against the said Branch of the Bank or the bank itself in case of default by the Contractors furnishing the Bank Guarantee. The Bank Guarantee shall be renewed as and when required and/or directed from time to time until the Contractor has executed and completed the works and remedied any defects therein.

**A. Legal + Stationary Charges: (As per applicable circular)**

Successful tenderer shall pay the Legal Charges +Stationary charges as per Circular no

Legal/26206 dated 31.08.2023:-

Sr No	Contract value						Legal + Stationery Charges to be levied from 01.09.2023 to 31.03.2024
	From	Rs.	0/-	To	Rs.	50,000/-	
1.	From	Rs.	0/-	To	Rs.	50,000/-	Nil
2.	From	Rs.	50,000/-	To	Rs.	1,00,00,000/-	0.1% of Contract Cost(Rounded up to nextRs.100) + 18% GST (Minimum Rs.1,000/-GST & Maximum Rs.10,000/- GST)
3.	From	Rs.	1,00,00,000/-	To	Rs.	10,00,00,000/-	Rs.10,000/- for Contract Value up to Rs.1,00,00,000/- + 0.05%over and above Contract Value of Rs.1,00,00,000/- (Rounded up to next Rs.100) + 18% GST
4.	From	Rs.	10,00,00,000/-	To	Rs.	Any Higher amount	Rs.55,000/- for Contract Value up to Rs.10,00,00,000/- + 0.01% over and above Contract Value of Rs.10,00,00,000/- (Rounded up to next Rs.100) + 18%GST

The tenderers are requested to note that stationary charges as given in the table above will be recovered from the successful tenderer for supply of requisite

prescribed forms for preparing certificate bills in respect of the work.

**B. Stamp Duty: (As per circular No. Ch. Eng/ BM/ 17800/II dated 07.01.2016)**

It shall be incumbent on the successful tenderer to pay stamp duty on the contract.

i. As per the provision made in Article 63, Schedule I of Maharashtra Stamp Act 2015, stamp duty is payable for “works contract” that is to say, a contract for works and labour or services involving transfer of property in goods (whether as goods or in some other form) in its execution and includes a sub-contract, as under:

Article	Description of Instrument	Stamp Duty from 14/10/2024
63	Work Contract	
	a) Up to Rs. 5 lakhs	Rs. 500/-
	a) Above Rs. 5 lakhs up to Rs. 10 lakhs	Rs. 500/- + 0.3% on the amount above Rs. 5 lakhs Max Rs. 25 lakhs
	b) Above Rs. 10 lakhs	Rs. 500/- + 0.3% on the amount above Rs. 5 lakhs Max Rs. 25 lakhs

ii. For stamp duty @ 0.30% on original B.G as well as on extended B.G. amount as per prevailing Rules & guidelines. The successful bidder shall enter into a contract agreement with BMC within 30 days from the date of issue of Work Order and the same should be adjudicated for payment of Stamp Duty by the successful bidder.

iii. Further shortfall if any, in amount of stamp duty paid as against prescribed amount for the documents executed in Mumbai City & Mumbai Suburban District be recovered from the concerned work contractors and to deposit the deficit or unpaid Stamp Duty and penalty by two separate Demand Draft or Pay Order in favor of “Superintendent of Stamp, Mumbai” within 15 days from intimation thereof.

iv. All legal charges and incidental expenses in this respect shall be borne and paid by the successful tenderer.

## **IMPORTANT DIRECTIONS**

1. All the information uploaded shall be supported by the corroborative documents in absence of which the information uploaded will be considered as baseless and not accepted for qualification criteria. All the documents shall be uploaded with proper pagination. The page No. shall be properly mentioned in the relevant places.

The information shall be uploaded in the sequence as asked for with proper indexing etc. The Bidder shall be fully responsible for the correctness of the information uploaded by him.

2. Applicants/Bidders shall refer [portal.mcgm.gov.in/tenders](http://portal.mcgm.gov.in/tenders) for “The Manual of Bid-Submission for Percentage Rate/Item Rate Tender Document.” The detail guidelines for creation and submission of bid are available in the referred document

Any queries or request for additional information concerning this TENDER shall be submitted by e-mail to [che.br@mcgm.gov.in](mailto:che.br@mcgm.gov.in). The subject shall clearly bear the following identification/ title: "Queries/ Request for Additional Information:

**TENDER for “Structural Strengthening and Repairs of Everard Nagar Subway on EEH in Kurla (L ward).”**

Any changes in mail ID will be intimated on the portal.

### **3. ALLOTMENT OF WORKS IN CASE OF EQUAL PERCENTAGE**

a) In case of Equal Percentage of lowest bidders (L1), the allotment of work shall be done by giving 48 hrs (2 working days) from the day of opening of packet C on same BID- Document number for re-quoting; ‘Sealed Bids’ shall be called from the bidders quoting the same rates i.e.L1.

b) In case of equal percentage of lowest bidders is obtained even after re-quoting, then the successful bidder will be decided by lottery system by concerned Ch. Eng. in presence of Bidder/Bidder’s representative and Accounts Officer.

c) The bidder shall need to submit the additional ASD if applicable within 7 days after receipt of notification issued by Chief Engineer.

d) The Performance Bank Guarantee shall be paid in 15 days after receipt of Letter of Acceptance.

Note: This process of re-quoting online shall be carried only after development in Mahatender system by IT Department.

4. It will be entirely responsibility of the contractor to provide and install secure barricades on work site, wholly at his cost. The Barricading shall be provided as per specification and as per site requirements and the circular issued u/no AMC/ES/679/II dated 06.10.2015 shall be applicable. BMC will not make any payment towards barricading, Contractor shall

quote accordingly.

5. In case of any surplus excavated material is required to be removed from the site, the cost shall be borne by contractor and is deemed to be included in the contractor's offer. No payment on this account will be made separately. (As per the circular MGC/F/6342 dated 05.08.2018)

6. The surplus excavated material from the site shall be removed free of cost to the municipal dumping ground within 24 hours, as directed. The necessary tipping charges at dumping ground, as applicable, shall be borne by the contractor or at designated unloading site, as per circular No. Dy.Ch.Eng./SWM/3957 Op. dtd 28.09.2018 for which no extra payment will be made.

**SECTION 7**  
**SCOPE OF WORK**

## **SCOPE OF WORK**

This works includes repairs and structural strengthening of existing bridge (subway) at Everard Nagar, in Kurla (L ward). Contractor shall submit construction methodology and phasing in detail proposed along with his offer.

Tenderer to fulfill all requirements of environmental authorities and safety measures on site.

(See Annexure 'B').

Vehicular traffic in the construction area shall be regulated with the help of Traffic Police Authority. However pedestrian movement in the area should not be affected during entire construction period. Hence, before starting the work barricading, signals, warning signals etc. shall be provided, in order not to affect the pedestrian movement and the utilities.

The bidder shall provide the necessary wardens, barricading and other equipment and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost.

The sequence of activities to be performed as per prevailing site conditions in each phase will be as under.

1. Approval for Concrete Mix Design for various Grades of Concrete prior to start of concreting work. Approval of admixtures to be used in the works.
2. Approval of Repair methodology proposed by the contractor for phase wise work. Tenderer to indicate Repair methodology along with his submission of tender, Traffic regulation if required will be arranged by the contractor in consultation with traffic police. Getting permission from traffic police will be the responsibility of contractor. No claim will be entertained due to non-permission / delayed permission etc.
3. Approval from competent authority / BMC appointed consultant/ BMC appointed proof checking for erection scheme, detailed drawings, methodology proposed by contractor.
4. Connection of utilities and commissioning of utilities.
5. Contractor will have to arrange his own fabricating and tacking yard etc. Road will not be available for stacking of any material, etc.
6. Existing services will have to be identified by the contractor and arranged to be rerouted as required respective agencies.
7. Safety of the existing structures in vicinity is complete responsibility of the tenderer. Any damages to these structures in vicinity for what so ever the reason may be will be responsibility of the tenderer throughout Contract period and repair / rectification will be borne by tenderer. No extra payment will be made for the same. Tenderer should take note of the same while quoting.
8. Contractor will have to maintain all signs, signboards, blinkers, warning, signals for traffic to the satisfaction of traffic police.

9. Use of ready mix concrete is compulsory for all concrete items. Concrete manufacture at site will not be allowed. Use of existing bridge for placing concrete will not be allowed. Contractor has to arrange for design of suitable mix.
10. Tenders to indicate construction and assembly and erection methodology for the bridge along with his submission of tender, in case he proposes to use existing bridge for any erection it shall be done only with written permission by the 'Engineer' Scheduling of such erection will be at night time. Traffic regulation if required will be arranged by the contractor in consultation with traffic police. Getting permission from traffic police will be the responsibility of contractor. No claim will be entertained due to non-permission/delayed permission etc.
11. Contractor should always be ready to carry out the unforeseen works in any unforeseen situations with the required materials, machineries, manpower etc & if required anywhere in Mumbai City & Suburbs as directed.
12. **Mapping of Utility services:**

For ascertaining the existing utility services met with during excavation, along the project carriageway of Bridges, the contractor shall prepare & precisely map the utilities met with and submit 3 sets maps of said utility services in soft as well as hard copies of all the existing as well as any newly laid utility services from permanent reference points along and across the improved project bridge carriageway by mentioning co-ordinates in three dimensions. Mapping of utilities will not be paid separately. While bidding, bidders shall consider this aspect and should quote accordingly.

**Note:** All the works contained in the scope of work shall be carried out strictly as per the relevant specifications applicable as attached OR referred to in this e- tender document OR as directed by The Engineer. The above is general description of the scope of work & actual work shall be governed by B.O.Q. and as directed by the Engineer.
13. The Contractors shall execute the work even on Saturdays, Sundays, Holidays & in night-time without any break in the continuity of work; the Contractor shall arrange exclusive labour force for this purpose along with all resources. The total working days shall, however, be counted as per the Contract period mentioned in this Tender Document & as per G.C.C. Failure of the Contractor to observe the continuity of work will be viewed seriously & heavy penalty will be imposed for every default.

### **(III) APPLICABLE TO CONSTRUCTION OF BRIDGE**

- I. Traffic is plying on the nearby road, which provides access to proposed site. Intending tenderers will have to obtain the approval from traffic police dept., during execution of works and to take all safety measures such as barricading, blinkers at night at both ends. "Go slow work in Progress" boards at least 100m. at 2 nos. at each end, use of reflective paint etc. this will be incidental to work and will not be paid separately.
- II. Wherever works are to be carried out near the road, it would be necessary to provide strong barricading of approved pattern and design to keep off the pedestrians and vehicular traffic from any construction work or equipment brought for the work. In addition to this barricading diversion sign boards, blinking electric warning colour lights and proper wring lights during

night times will have to be provided by the contractors, in consultation with the Engineer – in charge and the traffic authorities. Provision of shoring / strutting necessary for protecting / retaining embankments / filling in the area adjacent to construction area as required by Engineer – in charge is included in contractor's scope. The cost of providing all these measures, as mentioned above shall be deemed to be included in the price / percentage quoted by the Tenderers and no extra payment on any of these accounts shall be admissible.

- III. There are a few utilities along / over the existing bridge however there could be some unknown utilities also below ground. Tenderers should note that certain utilities are running along the existing bridge, which are required to be shifted. The contractor has to take necessary precautions for safety of the structure and utilities. No extra payment will be made for this.
- IV. The utilities will have to be identified by taking trail pits at suitable interval around the ROW before starting the foundation work. Mapping must be done before taking up any activity. Taking trail pits and mapping utilities is incidental and no extra payment on this account will be made. All damages to the utility known or unknown shall be sole responsibility of the contractor.
- V. Utility services like telephone cables or power cables or water mains, if any, are proposed to be shifted suitably as per provisions of clause no. 33 of G.C.C. as amended up to date. Tenderers are requested to take into cognizance the width of excavation over which utilities will be required to be supported and quote their percentage rate accordingly.
- VI. Contractors have to take all precautions and safety measures of all utilities (underground or on existing bridge) like water mains, cables etc. till its shifting by concerned department. If any mishaps happen with utilities during construction works, all responsibility for the same will be borne by contractor.
- VII. Foundation design may have to be modified as per actual strata met with if it is different than the soil investigation report. However, no claims such as idle labours and machinery and materials and extra resources on this count shall be entertained. Contractors must plan his work taking into account this factor and complete the work in time.
- VIII. Water required for the work shall be arranged by the contractor at no extra cost. Contractor will have to make his own arrangement for adequate storing of water, so as to avoid use of any other water for construction purpose. Water from the outside sources shall have to be got tested at Municipal Laboratory or any other Government recognized laboratory at Contractors cost before its use.
- IX. The time period prescribed for the completion of the works is **06 months (Including monsoon)** includes certain likely delays on account of shifting of utilities etc. In case of any abnormal delay on account of shifting of utilities, the engineer may grant suitable extension in the activity. However, such delays will not vitiate the contract and non-claims for compensation on such account will be entertained.
- X. The bidder shall note that Traffic Police department may not give entire closure of Bridge for more than 3 Months. The bidder shall note this point & ensure that the deck continuity work along with expansion joint work shall be completed within 3 Months time including the curing period.

- XI. Layout and detailed drawings attached with the tender documents may undergo changes depending on site conditions soil data, exact location of utilities and sub soil strata met with at the time of execution. This will not vitiate the contract and will not lead to claims for extra rate of compensation.
- XII. Excavation and demolition of various items is required to be carried out with utmost safety. Care should be taken to avoid any damage to the existing properties and utilities. In that eventuality the contractors will have to bear the cost for compensation / reconstruction.
- XIII. Mix designs for the required strengths of concert shall be carried out well in advance of concreting. Ready mix concrete must be used for all structural concrete.
- XIV. There are chances of accumulation of slush / mud / foreign material in construction trenches during working. No extra payment will be made for removal of such material.
- XV. Intending tenderers are free to do the construction activities like superstructures on land away from actual for site. However, mode of payment will be on completion as per BOQ item only.
- XVI. No construction joint is permissible in this except as shown in the drawing. The concrete mix shall be designed to provide for the necessary retardation to account for the various pours by addition of admixtures. The tenderer is required to make all necessary arrangements accordingly. No extra payment is admissible on account of use of admixtures.
- XVII. Concreting work during night hours will be permitted only when it is necessary. The contractor shall make all the necessary arrangements like flood lights, generator sets etc. at such times.
- XVIII. Mechanical means of curing by spraying water is mandatory for all RCC / PSC components. Additionally, the superstructure shall be cured by ponding on top of the slabs.
- XIX. The use of approved admixtures / plasticizers is mandatory for maintaining workability of the concrete with the water cement ratio limited to 0.4.
- XX. Use of steel shuttering with minimum 3mm. thick M.S. plates backed by angle frames shall be permitted as formwork alternatively Marine Plywood with adequate thickness backed by wooden / SS frames shall also be permitted. The shutting design for all components shall be got approved from the Engineer-in-charge.
- XXI. PERT chart with milestone fixed for activities shall be submitted by the successful tenderer before commencing work.
- XXII. The staging and shuttering of the RCC members shall be designed for form vibrators.
- XXIII. Facility for Fax Connection & PC shall be made on site.
- XXIV. All sub-surface water including run off from storm water, other surface drainage, river water etc. running in the Nallas / river shall be required to be diverted from the open excavation of the foundations. Dewatering of water using adequate number of pumps of suitable capacity shall also be considered. The concreting will be permitted only in fully dry condition. Also precautions and provisions for ensuring the same are deemed to be included in the rate and no separate payment shall be made for the same.

XXV. Every steel bar shall bear the mark of manufacturer embossed on it along with all other requirements as usual.

XXVI. The tenderer should note that –

The maximum price variation payable as per general conditions of contract. As per GR of Maharashtra Government. Basic consumer price index (Io) and basic wholesale price index (Wo) prevailing on the day of 28 days prior to the date submission of the tender is considered. The price variation shall be permitted for the materials.

1. Cement:	4. Mild Steel:
2. HYSD Steel (Fe415):	5. T.M.T.(Fe500):
3. Structural Steel:	

However, price variation shall not be admissible beyond theoretical date of completion of contract period, as also for the fair items created during execution.

The price variation formula in clause 74(b) of general condition of contract as below:

a) Formula for Labor component:

$$VL = \frac{(0.88 R) \times 30}{100} \times \frac{(I - IO)}{IO}$$

b) Formula for Material component:

$$VM = \frac{(0.88 R \times 70 - C)}{100} \times \frac{(W - WO)}{WO}$$

XXVII. Mastication work during night hours will be permitted only when it is necessary. The contractors shall make all the necessary arrangements like flood lights, generator sets etc. at such times.

The bidders have to sign on pages, Proforma I, II, III, IV, V, VI, VI-A & VI-B, summary sheet & undertaking.

It is mandatory for the contractors to provide necessary and required office equipment accessories, stationary, furniture etc. for the work under reference.

**List of Registers.**

The contractor shall prepare & maintain soft copies of the following registers as applicable during execution of work: -

1. Inventory Register
2. Correspondence file
3. External & internal utility remarks file
4. File containing drawings
5. Daily Progress Register
6. Instruction Register
7. Level Book
8. Mix design file
9. Material Testing Result file

10. Photograph file
11. Excavation Register (Asphalt, rock, soil etc.)
12. Filling/Embankment Register
13. Removal Challans & Register (if dumped at Municipal ground /if paid separately)
14. G.S.B. Register
15. W.M.M. Register
16. Steel Register
- 17 M15, M20, M-35, M-40, M50 Cube registers etc.
18. M15, M20, M-35, M-40 registers etc.
19. R.M.C. Challan file for grade M15, M20, M-35, M-40 etc.
20. Cement Variation Register if applicable
21. MS Liner Register
22. Cement Register
23. Joint Cutting Register
24. Precast item register (Paver blocks, Kerb stone etc.)
25. Precast item challan register
26. D.B.M. Register
27. Asphalt concrete /Seal coat Register
28. Asphalt challan file
29. Penalty Register.
30. Register for inspection during defect liability period.
31. Contractor's site staff attendance register
32. Utility trench register.
33. Register for tension bars
34. Register for structural steel

Note: - Any other register as directed by Engineer- In-Charge. Any other registers required as per description of items for any activity/material/quantity for which payment is made or as instructed by engineer in -charge. Hard copies of the registers shall be prepared and signed by the contractors and shall be provided as and when required. Mastication work during night hours will be permitted only when it is necessary. The contractors shall make all the necessary arrangements like flood lights, generator sets etc. at such times.

a) It is mandatory for the contractors to provide necessary and required office equipment accessories, stationary, furniture etc. for the work under reference and will help the site engineers for maintaining day to day record as given below.

## **BARRICADES.**

**Regarding barricading referred following circular: -**

### **BRIHANMUMBAI MUNICIPAL CORPORATION**

#### **CIRCULAR**

**U/No.MGC/F/6342 dated 5.5.2018**

**Sub.:** Revised guidelines regarding barricades being used during the execution of various infrastructure development projects by BMC in Mumbai.

Various infrastructure development projects are being executed by BMC for the betterment of citizens of Mumbai. During the course of execution of the projects, it is necessary to provide strong and secured barricading as a safety measure to avoid any mishaps as well as to avoid nuisance to vehicular and pedestrian traffic. Nowadays, the following types of barricades are being used exclusively in BMC as per the convenience of various departments at different sites.

1. Water/sand fillable PVC Metro barricades.
2. RW 7.45 (G.I. sheets of 22 gauge fixed on 3-inch dia. Wooden bullies buried in existing road sufficiently)
3. RW 7.36 (G.I. sheets of 22 gauge fixed on MS Angle post buried in half the depth in drums of 20 liters capacity in 1:3:6 concrete)
4. Structural steel barricade for major trenches having depth more than 2.00 meters. Thus, from the above, it can be seen that there is no uniformity in provision of barricades as they are of different size and shape. Further it is also observed that the continuity is not maintained in providing the barricading keeping gaps in between thus endangering the safety of vehicular as well as pedestrian traffic. Also, the barricades are not being cleaned, thus further adding to shabbiness. Further Mumbai being the financial capital of India, people from all over the world visit the city daily and to maintain good image of city the following decisions are taken.

**A)** Only two types of barricades having department wise color coding are proposed to be used depending upon the nature of work i.e. minor and Major.

**i)** Minor works: Barricading made out of 1.5 mm thick MS plate fixed on M.S. angle post/ frame of 65 mm X 65 mm X 6 mm having height of 1.5 m supported on as shown in Annex-I.

**ii)** Major works: Structural steel barricade made out of 1.50 mm thick M.S. Plate ISMB 250, ISLC 250X50mm and ISA 50mmX50mmX6 mm having of size 2.5 m X 2 m as shown in Annex-II.

**B)** The department wise colour coding for the barricading Shall be as under: -i) H.E.& W.S.P. department – Blue ii) Roads, Traffic, Bridges and Coastal Roads department– Yellow iii) S.P. & S.O department – Green iv) S.W.D., Building Maintenance department & forwards works – Red

**C)** The basic principle behind installing secured and continuous barricading is to ensure the safety of vehicular as well as pedestrian traffic and residents in the nearby

vicinity of the project. Due to non-installation of appropriate barricades on sites if any mishap occurs leading to injury or loss of life, then the contractor and contractor's Engineer in-charge will be liable for the consequent action.

- D)** During the course of execution of project, if it is noticed that the contractor has not provided barricading then a penalty of Rs.1000/- per meter per day will be imposed upon the contractor and will be deducted from the due Bill. This penalty shall be a part of penalty as per tender condition.
- E)** Details of the work shall be prominently displayed on the central panel of the barricades along-with the Social Slogans as given in Annexure III and the Cycle of the same shall be maintained.
- F)** The contractor shall provide and install the barricading along with the slogans printed as per the Annexure III, at his own cost and no payment will be made for this, however the contractor shall quote the bid accordingly by considering the cost of barricading.

The condition shall be included in the tender as given below.

“Barricading shall be provided free of cost as per Circular vide U/No.MGC/F/6342 dated 5.5.2018 and as per Annexure I, II and III of Standard drawings and specifications with slogans and department wise colour codes.” The copy of circular will be attached to the tender as a part of tender document.

This circular will be applicable for the new tenders proposed to be invited from 01.05.2018 and also the corrigendum shall be attached to tenders which are uploaded. However, for the projects wherein the tenders are already invited, the barricading shall be provided strictly as per tender condition. All the details (Annexure I, II & III of Standard drawings and specifications with slogans and department wise colour codes, sketches and department wise colour coding) are uploaded on BMC portal.

This circular shall come in force with immediate effect.

sd/-20.4.2018  
(Shri V.P.Chithore)  
Dir. (ES&P)

sd/-21.4.2018  
(ShriVijay Singhal)  
A.M.C.(E.S.)

Sd/-5.5.2018  
(Shri AjoyMehta)  
M.C.

sd/- 20.4.2018  
(Shri R. B.Bambale)  
D.M.C.(S.E.)

sd/-21.4.2018  
(Dr. Shri Sanjay Mukherjee )  
A.M.C.(P.)

sd/-16.5.2018  
(Shri P. R. Kadam)  
D.M.C. (S.E.)

Note : The bidder shall provide the necessary wardens, barricading and other equipment and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost.

## ANNEXURE II

**B) Major works:**

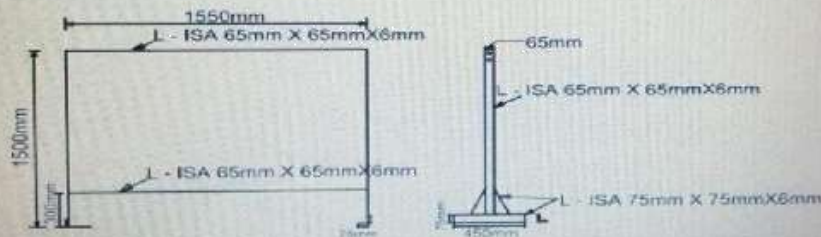
Providing, fabricating and installing the structural steel barricading made out of 1.5 mm thick M.S. plate of size 2500 mm X 2000 mm, ISMC 250 X 50 channels, M.S. Angles ISA 50 X 50 X 6mm and ISMB 250 as per IS 1161-1 RHS/SHS rolled angle plates of TATA Steel, Lloyd Steel, SAIL, ESSAR steel approved in straight profile of all sizes, shapes and for all works including stiffeners, bolts and nuts, fillet / butt welding, splicing, machine grinding, of all member joints wherever required to give neat appearance, and daily cleaning the barricading along with displaying of the Depthwise slogans as given in Annexure -III etc with interlocking arrangement to avoid gap in between and as directed by Engineer in-charge.



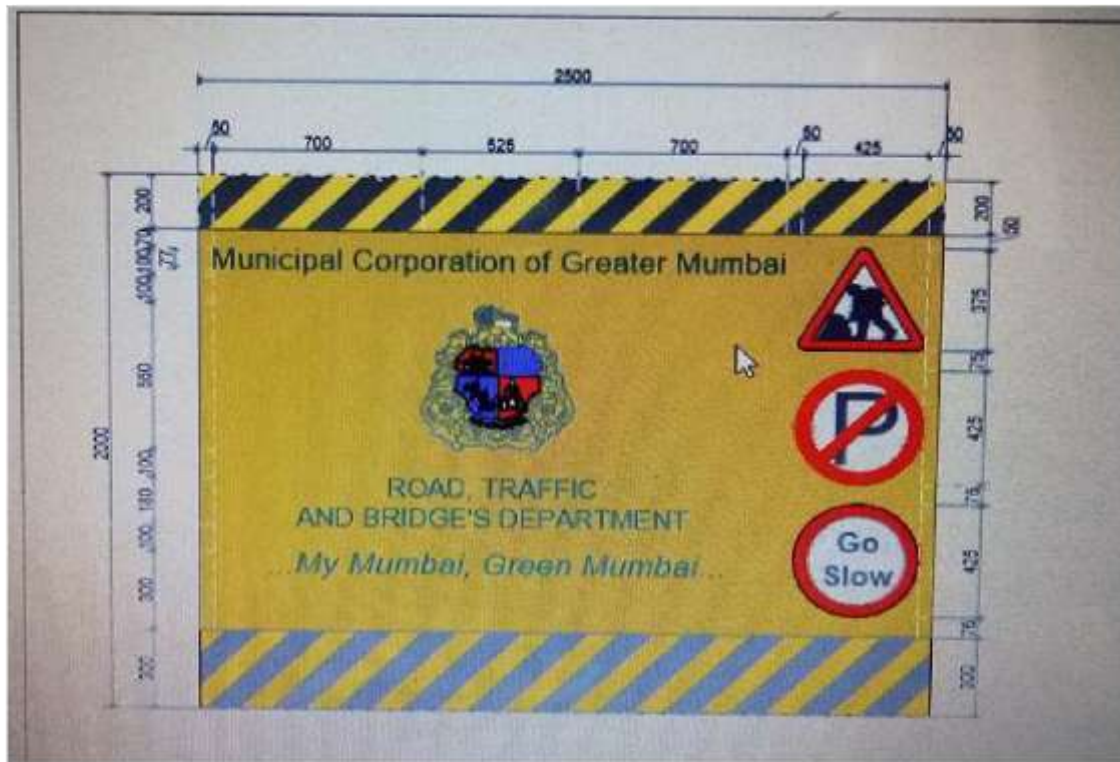
## ANNEXURE I

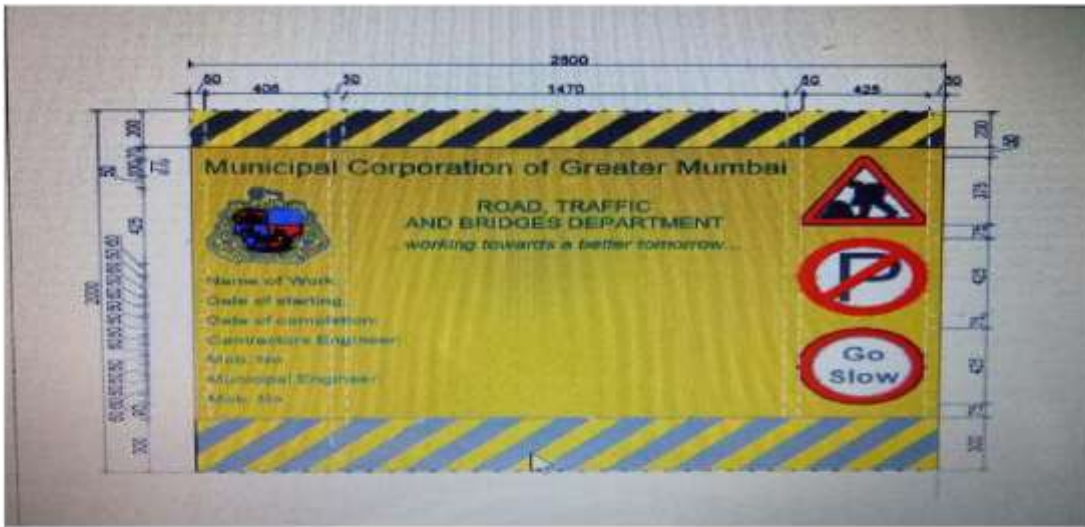
**A) Minor work**

Providing, fabricating and installing the barricading made out of 1.5 m high M.S. Angle post of 65 mm X 65 mm X 6 mm with 1.5 mm thick M.S. Sheet of size 1.55 m X 1.2 m welded to the M.S. angle post/ frames and fixed to 75mm X 75mm X 6 mm angle base as shown in sketch for minor works . displaying of the social slogan as per the Annex - III, daily cleaning of the same to get better appearance and interlocking arrangement to ensure continuity in provision and to avoid gap in between etc complete and as directed by Engineer in-charge.









No: MGE/F/1102  
Date: 25/10/2023

**BRIHANMUMBAI MUNICIPAL CORPORATION**

**Subject : Guidelines for Air Pollution Mitigation.**

- (1) All the project proponents to ensure that at least 35 feet high tin / metal sheets shall be erected around the periphery of construction projects having height more than 70 mtr.
- (2) All construction layouts having area more than 1(one) acre shall have tin / metal sheet erected of height 35 feet at least around periphery of the construction project sites and for construction sites, less than 1 (one) acre, the tin / metal sheet height shall be 25 feet at least.
- (3) All the buildings under construction shall be compulsorily enclosed by green cloth / jute sheet / tarpaulin from all sides.
- (4) All the structures under demolition shall be covered with tarpaulin / green cloth / jute sheet from top to bottom. There shall be continuous sprinkling / spraying of water during the process of demolishing of the structure.
- (5) It shall be ensured that water fogging shall be carried out during loading and unloading of materials at the construction sites (use of stationary/ mobile anti-smog guns).
- (6) The water sprinkling shall be done on debris / earth material etc. which are prone to generate air borne particulate matters at all construction sites without fail.
- (7) All vehicles carrying construction materials shall be fully covered (i.e. from top and all sides) so that construction material or debris does not become airborne during transportation and the vehicle shall not be overloaded to avoid any spillage from the vehicle.
- (8) All construction sites shall install CCTV cameras along the periphery of their work sites to ensure that vehicles are plying after cleaning tyres and are not overloaded .

- (9) All construction sites to deploy sensor based air pollution monitors at work sites and act immediately on observing pollution levels exceeding the limit. This monitoring shall be made available for inspection to BMC authorities as and when demanded.
- (10) All the work sites shall ensure that the grinding, cutting, drilling, sawing and trimming work is carried out in enclosed area and water sprinkler / water fogging is continuously done while working to avoid escape of fugitive air.
- (11) All the construction sites shall ensure that C & D (Construction and Demolition) waste generated within the premises / site of work is transported to designated unloading site strictly as per BMC's C & D Waste Management Plan. After unloading the debris, the vehicle shall be washed and cleaned thoroughly.
- (12) All vehicles carrying materials shall have valid PUC certificates and the same shall be produced as and when asked for by competent authorities.
- (13) All the construction personnel / managers shall mandatorily wear personal protective equipment such as masks, goggles, helmets, etc.
- (14) All the BMC worksites like bridges and flyovers shall have barricading of 25 feet.
- (15) All the metro works above ground shall be covered with barricading of 25 feet height. The construction site shall be covered with tarpaulin / green cloth / jute sheet. The smog guns / water sprinklers shall be used during the construction work.
- (16) The mitigation measures suggested as above shall be mandatorily observed by other agencies like SRA, MHADA, MIDC, MSRDC, MMRDA, BPT, Airport Authority of India, Railways, Govt. or Semi Govt. authorities and private construction sites.
- (17) All Asstt. Commissioners in charge of Wards shall arrange to deploy special squads to prevent illegal C & D dumping at late night.

(18) All Asstt. Commissioners in charge of Wards shall deploy squads for air pollution mitigation enforcement comprising of :-

- i) Two (Ward) engineers
- ii) One Policeman
- iii) One marshall
- iv) Vehicle

Each squad shall be headed by one senior officer from the Ward.

The formation and deployment of these squads at Ward level shall be done immediately.

The number of squads Ward-wise shall be as follows :-

- a) Smaller wards – 2 squads each ward
  - b) Middle size wards – 4 squads each ward
  - c) Larger size wards – 6 squads each ward.
- (19) The enforcement squad shall visit the premises and videograph the worksite. If it is observed that the worksite is not adhering to above stated provisions, stringent action such as issue of Stop Work notice and/or sealing of worksite shall be taken immediately.
- (20) The timeline for procurement of sprinklers shall be 15 days and for procurement of smog guns shall be 30 days from issuance of this circular. All the project proponent / contractors shall abide by the above timelines without fail.
- (21) The vehicles carrying construction material or C & D material, if found not adhering to above stated provisions, shall be seized and impounded.
- (22) The Transport Commissioner shall take action against overloading of vehicle, uncovered vehicles, vehicles spilling construction materials on roads and the heavy duty diesel vehicles which are more than 8 years old shall be strictly prohibited in Mumbai jurisdiction.
- (23) MPCB shall monitor the air pollution emitted from the industries such as BPCL, HPCL, RCF, Tata Power, industries in nearby MIDC area etc. daily for next one month and take appropriate action. The daily monitoring data shall be shared with AMC (City) and A.M.C.(W.S.).

- (24) All builders / Developers shall engage only those vehicles which possess vehicles tracking system installed on them.
- (25) The loose soil, sand, construction materials and debris of any kind and quantity shall be stored in demarcated / dedicated area and properly barricaded, fully covered / enclosed / protected with tarpaulins. It shall be ensured that there is no dumping of construction material and debris on public roads, footpaths, pavements and open area.
- (26) Vehicle tyre washing facility shall be provided at all exit points of construction sites. It shall be ensured that daily cleaning is carried out of major roads for removal of dust by using vacuum sweeping or water sprinkling, brushing, brooming and sweeping. This work may be outsourced to ensure wide and fast coverage of all major roads in one month's time.
- (27) There shall be complete ban on open burning anywhere in the geographical area under BMC, especially garbage dumping grounds and possible sites of trash burning.

(Dr. I.S. Chahal) 20/10-23.  
Municipal Commissioner

**SECTION 8**  
**BILL OF QUANTITIES**

# BRIHANMUMBAI MUNICIPAL CORPORATION

Name of the work :- Structural Strengthening and Repairs of Everard Nagar Subway

## ABSTRACT OF ESTIMATE

Sr. No.	SOR No.	Description of Items	Quantity	Rate	Unit	Amount
1	2	3	4	5	6	7
1	R3-CS-CW-54	Chipping /removing loose concrete upto reinforcement bars, without damaging the reinforcement, removing all the loose materials and to make all the exposed surfaces free from oil, dust and all impurities etc complete.	185.00	305.00	SQM	₹ 56,425.00
2	R3-CS-RF-16	Alkaline Rust converting primer conforming to ASTM-B-117,to exposed existing rebars after removing & cleaning loose rust by wire brush and leave it for 6-8 hours.	185.00	142.00	SQM	₹ 26,270.00
3	R3-CS-RF-5	Bond Coat: Providing & applying One coat of structural grade epoxy bond coat by brush conforming to ASTM-C-882-87 to the prepared concrete surface to be repaired / strengthened. This is applied prior to the application of polymer repair mortar / epoxy mortar / Microconcrete to have monolithic action between old concrete surface and new concrete surface.	185.00	520.00	SQM	₹ 96,200.00
4	R3-BW-5-7-S	Providing and Laying Polymer Modified Mortar in proportion 1:5:15 (1 Polymer, 5 Cement, 15 Quartz Sand) for replacement of spalled concrete, plaster, repairing cracks in the structure etc. complete as specified and directed. 25 mm Average Thick	185.00	2347.00	SQM	₹ 434,195.00
5	R3-BW-7-4	Providing and inserting nipples with approved fixing compound after drilling holes for grouting as per Technical Specifications including subsequent cutting/removal and sealing of the hole as necessary of nipples after completion of grouting with Cement/Epoxy.	910.00	215.00	NOS	₹ 195,650.00
6	BR-FAIR-21-11	Providing and installing PU Grouting using injection foaming for waterproofing treatment to thecracks inside tunnel concrete lining from inside of the Tunnel as per the manufacturer'sspecifications and detailed technical specifications etc. complete. Work shall be carried out as perthe approved method of waterproofing suggested by manufacturer and accepted	60.00	13415.00	NOS	₹ 804,900.00

		by the Engineer incharge. The injection foaming and grouting material shall have speed of penetration of 31 cm in 56days and resistance to 16 bar hydrostatic water pressure head on negative side. Make: PENETRON/FOSROC or Equivalent				
7	R3-BW-7-7	Sealing of crack/porous concrete with Epoxy Grout by injection through nipples complete.	230.00	2810.00	KG	₹ 646,300.00
8	R3-CS-CW-45	Repairing to the existing RCC structural members (vertical or horizontal) using ready mix Micro Concrete of approved brand where the thickness of repair is more than 30 mm and upto 115 mm. It can be used for carrying out extensive repairs to beams, columns and other structural elements, repairing of structural members subjected to repetitive loading & for Jacketing of beams, columns and other structural elements for strengthening.	1000.00	41.00	KG	₹ 41,000.00
9	R3-BW-8-38	Making V-groove on concrete surface at 350 mm c/c or less as per requirement along the length of the minor cracks, drilling of holes, fixing of PVC nipples, sealing of cracks with epoxy putty of approved make, epoxy injection with Low viscous epoxy resin and hardener of approved quality etc complete.	100.00	1685.00	NOS	₹ 168,500.00
10	R3-BW-5-3-C	Providing and applying epoxy base paint to RCC piers, columns, beams, girders, diaphragms, slabs, parapets etc.including cleaning the surfaces thoroughly so as to remove deposited salts,oil, grease, tar, moisture etc. From the surface, preparing the surface, applying putty consisting of epoxy base paint and steolite powder, to render the concrete surfaces smooth by covering small irregularities and applying one coat of epoxy paint including scaffolding etc. complete as specified and directed ( 2 coats epoxy + primer).	525.00	512.00	SQM	₹ 268,800.00
11	R3-CS-DD-64	Removing mosaic, cement marble, granites non-slippery, tandur, kotah, shahabad stone or Indian Pattern stone, glazed tiles in flooring and dado including bedding brick bat coba etc., and delivering materials in Ward Office and carting away unserviceable materials.	700.00	315.00	SQM	₹ 220,500.00
12	R3-CS-FL-8-c	Providing and laying 600 x 600 x 8 mm thk. vitrified tiles as specified below conforming to I.S.15622- 2006 with water absorbtion less than 0.08% for flooring of an approved, quality, make and pattern /design for flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cutting, leveling, jointing, filling the joints by neat cement slurry or	210.00	1529.00	SQM	₹ 321,090.00

		approved colour grout, curing, finishing etc complete as directed by Engineer In Charge. Light coloured antiskid / matt vitrified tiles				
13	R3- CS- FL- 01-k	Providing and laying polished natural stone as specified below (Machine cut) of an approved quality and size for paving /flooring in plain and/or diamond /approved pattern including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, machine cutting, dressing, leveling, jointing, filling the joints with neat cement slurry or with required pigment, machine polishing at site, curing, finishing, etc complete as directed by Engineer In Charge. 18 mm thk. Ruby red, jet black, Hasan green Granite tiles/slab	145.00	3028.00	SQM	₹ 439,060.00
14	R3- CS- FL- 65	Providing and fixing 9 to 10 mm thk. vitrified tiles as specified below conforming to I.S. 15622-2006 with water absorption less than 0.08% and of approved quality, pattern and colour for dado in the dry area including preparing the surface and levelling in the desired line, backing of 20 thk. cement mortar in porportion 1:3, square cut top edge or chamfered top edge in cement mortar 1:3, cement float, machine cutting, leveling, jointing, filling the joints with neat cement slurry or approved colour grout, finishing, curing etc complete as directed by Engineer In Charge. Light coloured glazed vitrified tiles/ Dark coloured glazed vitrified tiles/ Light coloured antiskid / matt vitrified tiles/ Dark coloured antiskid / matt vitrified tiles	345.00	1881.00	SQM	₹ 648,945.00
15	R3- CS- SS- 32	Providing & fixing S.S. pipe hand rail along the wall in staircase or ramps or passages consisting of 50 mm dia. 18 gauge 304 grade stainless steel pipe. Supported with 25 mm 18 gauge S.S. pipe (304grade) brackets & 5mm thick tapered edge collar base plate fixed to wall with SS screws at approx. 600 mm center to center fixed horizontally or in inclined position at required height including grinding the welded joints, buffing,protecting the railing members by means of wrappers during construction etc. complete as per detailed rawing as directed by the Engineer in charge.	75.00	1473.00	RMT	₹ 110,475.00

16	R3-BW-2-17	Providing and placing in position controlled cement concrete of M-15 grade for foundation work with minimum cement 400 kg./cum. and water cement ratio not exceeding 0.4 for PCC raft foundation slabwith V notches Sloped / flat / strip footings, pile caps tie beams to required lines / levels including leveling, compacting by vibrators, curing including shuttering, centering as necessary and required etc. complete as specified and as directed.	2.00	5869.00	CUM	₹ 11,738.00
17	R3-SWD-25	Providing and placing in position controlled cement Ready Mix Concrete of M-25 grade in raft slab by using ordinary portland cement including curing by any means,as specified & as directed by Engineer-in- Charge. (Reinforcement and form work will be paid separately).	2.00	6706.00	CUM	₹ 13,412.00
18	R3-SWD-30	Providing and placing in position controlled Ready Mix Concrete of M- 25 grade in walls, deck slab above or below ground level at any hight/depth by using ordinary portland cement including curing by any means, as specified & as directed by Engineer-in-Charge. (Reinforcement and form work will be paid separately).	2.00	9006.00	CUM	₹ 18,012.00
19	R3-CS-PL-08-a	Providing and applying 20 mm thick internal sand faced cement plaster at all heights and locations in cement mortar specified below in two coats for masonry (except stone masonry) and concrete surfaces including racking out joints,hacking of concrete surface, watering, finishing, curing, scaffolding etc complete as directed By Engineer In Charge. In cement mortar 1:2	14.00	560.00	SQM	₹ 7,840.00
20	R3-SWD-176	Supply of 1.20m X 0.60m clear internal size of M.S. Galvanised hinged type grating and frame (weighing minimum 130 kg) of grade HD20,with minimum 75 microns zinc coating by hot dipped galvanising the MS grating and frame as per IS 2629. (The contractor shall furnish the certificate of galvanising from the Galvaniser.) incuding testing ,inspection of material sample and finished product as per IS standards and as per Standard Specification no SP-SWD-3 and as per standard drawing , etc complete as specified & as directed by Engineer-in-Charge.	5.00	20544.00	NOS	₹ 102,720.00
21	R3-BW-5-7-t	Providing & placing in position controlled concrete M-35 grade with minimum cement content as 400 kg/cum and water cement ratio not exceeding 0.40 for R.C.C Precast Box Drain in suitable handling units with form finished surface in any shape	6.00	15704.00	CUM	₹ 94,224.00

		& size as per detailed drawings and designs including formwork, temporary supports if required, compacting by vibrators, leveling, curing and finishing etc. complete as specified and including precasting, transportation & erection in place as directed but excluding reinforcement (using RMC/Batch Mix Plant, Transit Mixer)				
22	R3-CS-RW-16-d	Providing and fixing UV resistant selffit UPVC pipes of approved make for Rainwater downtakes conforming to IS 13592:1992 Type A suitable for 4kg/sqcm pressure for following pipe diameters including rain water receiving recess with pvc plug bend necessary fittings such as offsets shoes, fixing the pipes on wall with clips filling the joints with solvent/cement and necessary scaffolding etc. complete as directed by Engineer In Charge.	35.00	410.00	RMT	₹ 14,350.00
23	R3-CS-CW-35-c	Providing and fixing in position steel bars reinforcement of various diameters for R.C.C. pile, pile caps, footings, raft, retaining wall, shear wall, lift wall, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches, etc. as per detailed designs, drawings and bar bending schedules, including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels.	2.00	80080.00	MT	₹ 160,160.00
24	R3-CS-EW-1	Excavation for foundations, substructures, basements, tanks, sumps, walls, chambers, manholes, trenches, poles, pits & general building works in all types of soils, vegetable earth, soft murum, running sand, shingle, turf clay, loam, peat, ash, shale, slag, chalk, garbage, muddy/ marshy/ slushy soil, marine clay, reclaimed land etc. for depths/lifts upto 1.5M measured from the ground level, including dressing/trimming the sides, leveling and ramming of bottoms, manual dewatering, removing rank vegetation, backfilling in layers not more than 200mm thickness, watering, consolidating, compacting to achieve not less than 97% Modified Proctor density conforming to relevant IS, stacking the selected material in measurable heaps for future use within owners space or disposing within an initial lead of 150m as directed, loading, unloading, leveling excluding shoring, strutting etc. complete as directed by Engineer-in-Charge. Note: 1) The rate includes the handling/supporting the existing utilities such	22.00	387.00	CUM	₹ 8,514.00

		as cables, drains, pipes, water mains etc. 2) It also includes the royalty and other taxes applicable if any. For more details refer General Notes.				
25	R3- CS- EW- 2-a	Extra over above item CS-EW-1,15 &16 for lift from 1.5m to 3.0m.	5.00	91.00	CUM	₹ 455.00
26	R3- CS- CW- 64-b	Centering and Wooden ( Marine plywood) shuttering including strutting, propping, beacing, bolting, wedging, casting, striking, etc. and removal of form for : ( Note: props shall consist of well designed adequately braced	25.00	909.00	SQM	₹ 22,725.00
27	R3- BW- 4-12- a	Providing and placing in position controlled cement concrete of M-35 grade using minimum cement content as 400Kg/cum and max water cement ratio of 0.40 for RCC work of main beams, girders, cross girders, diaphragm solid slab to required lines and levels including levelling, compacting by vibrators, curing including formwork with formfinish surface as necessary and required centering etc. complete as specified and directed but excluding reinforcement.(using concrete mixer).	2.00	8632.00	CUM	₹ 17,264.00
28	R3- SWD- 168	Providing & Fixing 0.45m X 0.45m clear internal size of M.S. Galvanised hinged type grating and frame (weighing minimum 53 kg) with minimum 75 microns zinc coating by hot dipped galvanising the MS grating and frame as per IS 2629. (The contractor shall furnish the certificate of galvanising from the Galvaniser.) including testing ,inspection of material sample and finished product in presence of M.C.G.M. Engineers (3 nos.) at Manufacturer's works, as per Standard Specification no SPSWD-2 and as per drawing (Dwg No. MCGM/SWD/2013-08), etc complete as specified & as directed by Engineer-in-Charge.	238.00	9019.00	Each	₹ 2,146,522.00
29	R3- CS- WP- 25	Providing and installing crystalline waterproofing treatment to inside surfaces of the water retaining structures	20.00	2576.00	SQM	₹ 51,520.00

30	R3- CS- DD-2	Demolishing R.C.C. slab, R.C.C. wall of any thickness, R.C.C. beams, joists, R.C.C. columns, piles, pile caps etc., in any thickness and size manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	5.00	2491.00	CUM	₹ 12,455.00
31	R3- ME- 6-2-k	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 180 lpm at 24 m head to 90 lpm at 62 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	1.00	38089.00	NOS	₹ 38,089.00
<b>Total:</b>						<b>₹ 7,198,310.00</b>

**In Words: Seventy-One Lakhs Ninety-Eight Thousand Three Hundred and Ten Rupees Only.**

**Note : The bidder shall quote the amount excluding GST**

**SECTION 9**  
**GENERAL CONDITION OF CONTRACT**

## **General Conditions of Contract**

### **A. General**

#### **1. Definitions**

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Capital initials are used to identify defined terms.

**The “Contract”** shall mean the tender and acceptance thereof and the formal agreement if any, executed between the Contractor, Commissioner and the Corporation together with the documents referred to therein including these conditions and appendices and any special conditions, the specifications, designs, drawings, price schedules, bills of quantities and schedule of rates. All these documents taken together shall be deemed to form one Contract and shall be complementary to one another.

**The Contract Data** defines the documents and other information which comprise the Contract.

**The “Contractor”** shall mean the individual or firm or company whether incorporated or not, whose tender has been accepted by the employer and the legal successor of the individual or firm or company, but not (except with the consent of the Employer) any assignee of such person.

**The Bidder** is a person or corporate body who has desired to submit Bid to carry out the Works, including routine maintenance till the tender process is concluded.

**The Contractor's Bid** is the completed bidding document submitted by the Contractor to the Employer.

**The “Contract Sum”** means the sum named in the letter of acceptance including Physical contingencies subject to such addition thereto or deduction there-from as may be made under the provisions hereinafter contained.

**Note :** The contract sum shall include the following –

- In the case of percentage rate contracts the estimated value of works as mentioned in the tender adjusted by the Contractor’s percentage.
- In the case of item rate contracts, the cost of the work arrived at after finalisation of the quantities shown in schedule of items / quantities by the item rates quoted by the tenderers for various items and summation of the extended cost of each item.
- In case of lumpsum contract, the sum for which tender is accepted.
- Special discount / rebate / trade discount offered by the tenderer if any and

accepted by the Corporation.

- Additions or deletions that are accepted after opening of the tenders.

**The “Contract Cost”** means the Contract Sum plus Price Variation. This cost shall be included in the letter of acceptance.

**A Defect** is any part of the Works not completed in accordance with the Contract.

**The Defects Liability Certificate** is the certificate issued by the Engineer, after the Defect Liability Period has ended and upon correction of Defects by the Contractor.

**Drawings** means all the drawings, calculations and technical information of a like nature provided by the Engineer to the Contractor under the Contract and all drawings, calculations, samples, patterns, models, operation & maintenance manual and other technical information of like nature submitted by the Contractor and approved by the Engineer.

**The Authority** shall mean Brihanmumbai Municipal Corporation (BMC)

**The “Employer”** shall mean the Municipal Corporation for Greater Mumbai / Municipal Commissioner for Greater Mumbai, for the time being holding the said office and also his successors and shall also include all “Additional Municipal Commissioners, Director (Engineering Services & Projects)” and the Deputy Municipal Commissioner, to whom the powers of Municipal Commissioner, have been deputed under Section 56 and 56B of the Mumbai Municipal Corporation Act.

**The Engineer in-charge** shall mean the Executive Engineer in executive charge of the works and shall include the superior officers of the Engineering department i.e.

Dy.Ch.Eng/Ch.Eng. and shall mean and include all the successors in BMC

**The Engineer's Representative** shall mean the Assistant Engineer, Sub. Engineer/Jr. Engineer in direct charge of the works and shall include Sub Eng./ Jr. Eng of Civil section/ Mechanical section/ Electrical section appointed by BMC.

**The “Engineer”** shall mean the City Engineer / the Hydraulic Engineer / the Chief Engineer / the Special Engineer, appointed for the time being or any other officer or officers of the Municipal Corporation who may be authorized by the commissioner to carry out the functions of the City Engineer / the Hydraulic Engineer / the Chief Engineer / the Special Engineer or any other competent person appointed by the employer and notified in writing to the Contractor to act in replacement of the Engineer from time to time.

**Contractor’s Equipment** means all appliances and things of whatsoever nature required for the execution and completions of the Works and the remedying of any

defects therein, but does not include plant material or other things intended to form or forming part of the Permanent Works.

**The Initial Contract Price** is the Contract Price listed in the Employer's Letter of Acceptance.

**The Intended Completion Date** is the date on which it is intended that the Contractor shall complete the construction works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Engineer by issuing an extension of time.

**Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works and works of routine maintenance.

**Plant** is any integral part of the Works that shall have a mechanical, electrical, electronic, chemical, or biological function.

**Routine Maintenance** is the maintenance of activities of the completed structure for five years as specified in the Contract Data.

**The "Site"** shall mean the land and other places including water bodies more specifically mentioned in the special conditions of the tender, on, under in or through which the permanent works or temporary works are to be executed and any other lands and places provided by the Municipal Corporation for working space or any other purpose as may be specifically designated in the contract as forming part of the site.

**Site Investigation Reports** are those that were included in the bidding documents and are reports about the surface and subsurface conditions at the Site.

**"Specification"** shall mean the specification referred to in the tender and any modification thereof or addition or deduction thereto as may from time to time be furnished or approved in writing by the Engineer.

**The Start Date/Commencement Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

**A Nominated Sub-Contractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the construction work and/or routine maintenance in the Contract, which includes work on the Site.

**Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.

**Variation** means a change to the:-

- i) Specification and /or Drawings (if any) which is instructed by the Employer.

ii) Scope in the Contract which is instructed by the Employer.

iii) Price in the Contract which is instructed by the Employer.

**The Works**, as defined in the Contract Data, are what the Contract requires the Contractor to construct, install, maintain, and turn over to the Employer. Routine maintenance is defined separately.

**Jurisdiction:** In case of any claim, dispute or difference arising in respect of a contract, the cause of action thereof shall be deemed to have arisen in Mumbai and all legal proceedings in respect of any claim, dispute or difference shall be instituted in a competent court in the City of Mumbai only.

## **2. Interpretation**

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance.

Words have their normal meaning under the language of the Contract unless specifically defined. The Engineer will provide instructions clarifying queries about these Conditions of Contract.

2.2 If sectional completion is specified in the Contract Data, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

2.3 The documents forming the Contract shall be interpreted in the following documents: (1) Agreement, (2) Letter of Acceptance, (3) Notice to Proceed with the Work, (4) Contractor's Bid, (5) Contract Data, (6) Special Conditions of Contract Part (7) General Conditions of Contract Part I, (8) Specifications, (9) Drawings, (10) Bill of Quantities, and (11) Any other document listed in the Contract Data.

## **3. Engineer's Decisions**

3.1 Except where otherwise specifically stated, the Engineer will decide contractual matters between the Employer and the Contractor in the role representing the Employer. However, if the Engineer is required under the rules and regulations and orders of the Employer to obtain prior approval of some other authorities for specific actions, he will so obtain the approval, before communicating his decision to the Contractor.

3.2 Except as expressly stated in the Contract, the Engineer shall not have any authority to relieve the Contractor of any of his obligations under the contract.

#### **4. Delegation**

4.1 The Engineer, with the approval of the Employer, may delegate any of his duties and responsibilities to other person(s), except to the Adjudicator, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

#### **5. Communications**

All certificates, notices or instructions to be given to the Contractor by Employer/ Engineer shall be sent on the address or contact details given by the Contractor of Bid. The address and contact details for communication with the Employer/ Engineer shall be as per the details given in Contract Data. Communications between parties that are referred to in the conditions shall be in writing. The Notice sent by facsimile (fax) or other electronic means shall be effective on confirmation of the transmission. The Notice sent by Registered post or Speed post shall be effective on delivery or at the expiry of the normal delivery period as undertaken by the postal service.

#### **6. Subletting**

6.1 Unless specifically mentioned in the contract subletting will not be allowed. Subletting, where otherwise provided by the contract shall not be more than 25% of the contract price.

6.2 The Contractor shall not be required to obtain any consent from the Employer for:

- a. the sub-contracting of any part of the Works for which the Subcontractor is named in the Contract;
- b. the provision for labour, or labour component.
- c. the purchase of Materials which are in accordance with the standards specified in the Contract.

6.3 Beyond what has been stated in clauses 6.1 and 6.2, if the Contractor proposes sub contracting any part of the work during execution of the Works, because of some unforeseen circumstances to enable him to complete the Works as per terms of the Contract, the Employer will consider the following before according approval:

- a. The Contractor shall not sub-contract the whole of the Works.
- b. The permitted subletting of work by the Contractor shall not establish any

contractual relationship between the sub-contractor and the BMC and shall not relieve the Contractor of any responsibility under the Contract.

6.4 The Engineer should satisfy himself before recommending to the Employer whether

- a. the circumstances warrant such sub-contracting; and
- b. the sub-Contractor so proposed for the Work possesses the experience, qualifications and equipment necessary for the job proposed to be entrusted to him.

## **7. Other Contractors**

7.1 The Contractor shall cooperate and share the Site with other Contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as referred to in the Contract Data. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors and shall notify the Contractor of any such modification.

7.2 The Contractor should take up the works in convenient reaches as decided by the Engineer to ensure there is least hindrance to the smooth flow and safety of traffic including movement of vehicles and equipment of other Contractors till the completion of the Works.

## **8. Personnel**

8.1 The Contractor shall employ for the construction work and routine maintenance the key personnel including technical personnel named in the Contract Data or other personnel approved by the Engineer. The Engineer will approve any proposed replacement of technical personnel only if their relevant qualifications and abilities are substantially equal to those of the personnel stated in the Contract Data.

8.2 The Contractor's personnel shall appropriately be qualified, skilled and experienced in their respective trades or occupations. The Engineer shall have authority to remove, or cause to be removed, any person employed on the site or works, who carries out duties incompetently or negligently and persists in any conduct which is prejudicial to safety, health or the protection of the environment.

8.3 If the Engineer asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the Works in the Contract.

8.4 The Contractor shall not employ any retired Gazetted officer who has worked in the Engineering Department of the BMC /State Government and has either not completed two years after the date of retirement or has not obtained BMC/State Government's permission to employment with the Contractor.

## **9. Employer's and Contractor's Risks**

9.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

## **10. Employer's Risks**

10.1 The Employer is responsible for the excepted risks which are (a) in so far as they directly affect the execution of the Works in the Employer's country, the risks of war, invasion, act of foreign enemies, rebellion, revolution, insurrection or military or usurped power, civil war, riot, commotion or disorder (unless restricted to the Contractor's employees) and contamination from any nuclear fuel or nuclear waste or radioactive toxic explosive, or (b) a cause due solely to the design of the Works, other than the Contractor's design.

## **11. Contractor's Risks**

11.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks, referred to in clause 11.1, are the responsibility of the Contractor.

## **12. Insurance**

12.1 The Contractor at his cost shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of Defects Liability Period, in the amounts and deductibles stated in the Contract Data for the following events which are due to the Contractor's risks:

- a) Loss of or damage to the Works, Plant and Materials.
- b) Loss of or damage to Equipment.
- c) Loss of or damage to property (other than the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- d) Personal injury or death.

12.2 Insurance policies and certificates for insurance shall be delivered by the Contractor to the Engineer for the Engineer's approval before the Start Date. All such

insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

12.3 Alterations to the terms of insurance shall not be made without the approval of the Engineer.

12.4 Both parties shall comply with any conditions of the insurance policies.

12.5 If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid, from payments otherwise due to the Contractor or if no payment is due, the payment of premiums shall be debt due.

### **13. Site Investigation Reports**

13.1 The Contractor, in preparing the Bid, may rely, at his own risk, on any Site Investigation Reports referred to in the Contract Data, supplemented by any other information available to him, before submitting the bid.

### **14. Queries about the Contract Data**

14.1 The Engineer will clarify queries on the Contract Data.

### **15. Contractor to Construct the Works and Undertake Maintenance (if specified in the tender)**

15.1 The Contractor shall construct, and install and maintain the Works in accordance with the Specifications and Drawings and as per instructions of the Engineer.

15.2 The Contractor shall construct the works with intermediate technology, i.e., by manual means with medium input of machinery required to ensure the quality of works as per specifications. The Contractor shall deploy the equipment and machinery as required in the contract.

15.3 The Contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.

During continuance of the contract, the Contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and byelaws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or

notification that may be issued in future by the State or Central Government or the local authority. Salient features of some of the major laws that are applicable are given below:

- i. The Water (Prevention and Control of Pollution) Act, 1974, this provides for the prevention and control of water pollution and the maintaining and restoring of wholesomeness of water. 'Pollution' means such contamination of water or such alteration of the physical, chemical or biological properties of water or such discharge of any sewage or trade effluent or of any other liquid, gaseous or solid substance into water (whether directly or indirectly) as may, or is likely to, create a nuisance or render such water harmful or injurious to public health or safety, or to domestic, commercial, industrial, agricultural or other legitimate uses, or to the life and health of animals or plants or of aquatic organisms.
  - The Air (Prevention and Control of Pollution) Act, 1981, this provides for prevention, control and abatement of air pollution. 'Air Pollution' means the presence in the atmosphere of any 'air pollutant', which means any solid, liquid or gaseous substance (including noise) present in the atmosphere in such concentration as may be or tend to be injurious to human beings or other living creatures or plants or property or environment.
  - The Environment (Protection) Act, 1986, this provides for the protection and improvement of environment and for matters connected therewith, and the prevention of hazards to human beings, other living creatures, plants and property. 'Environment' includes water, air and land and the inter-relationship which exists among and between water, air and land, and human beings, other living creatures, plants, micro-organism and property.
  - The Public Liability Insurance Act, 1991, This provides for public liability insurance for the purpose of providing immediate relief to the persons affected by accident occurring while handling hazardous substances and for matters connected herewith or incidental thereto. Hazardous substance means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act 1986, and exceeding such quantity as may be specified by notification by the Central Government.

**16. The Works and Routine Maintenance to be completed by the Intended  
Completion                      Date**

19.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works and Routine Maintenance, if specified in the tender, in accordance with the Programme submitted by the Contractor, as updated with the approval of the Engineer, and complete them by the Intended Completion Date.

## **17. Approval by the Engineer**

17.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Engineer, who is to approve them if they comply with the Specifications and Drawings.

17.2 The Contractor shall be responsible for design and safety of Temporary Works.

17.3 The Engineer's approval shall not alter the Contractor's responsibility for design and safety of the Temporary Works.

17.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.

17.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Engineer before their use.

## **18. Safety**

**18.1** The Contractor shall be responsible for the safety of all activities on the Site. He shall comply with all applicable safety requirements and take care of safety of all persons entitled to be on the site and the works. He shall use reasonable efforts to keep the site and the works, both during construction and maintenance, clear of unnecessary obstruction so as to avoid danger to the persons and the users.

- Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
- Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind. Power warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.
- The workers engaged for cleaning the manholes/sewers should be properly trained before allowing working in the manhole.

### **18.2 Safety Programs: -**

- I. Have adequate safety supervision in place to ensure that safety programs set up by the firms/agencies are in compliance with prevalent laws and regulations.
- II. Review safety programs developed by each of the trade firms, prepare and submit a comprehensive safety program.
- III. Monitor day to day implementation of safety procedures.

### **18.3 First Aid Facilities: -**

- At every work place there shall be provided and maintained, so as to be easily accessible during working hours, first-aid boxes at the rate of not less than one box for 150 contract labour or part thereof ordinarily employed.
- The first-aid box shall be distinctly marked with a red cross on white back ground.
- Adequate arrangements shall be made for immediate recoument of the equipment when necessary.
- Nothing except the prescribed contents shall be kept in the First-aid box.
- The first-aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of the workplace.
- A person in charge of the First-aid box shall be a person trained in First-aid treatment, in the workplaces where the number of contract labour employed is 150 or more.

### **19. Discoveries**

19.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Engineer of such discoveries and carry out the Engineer's instructions for dealing with them.

### **20. Possession of the Site**

20.1 The Employer shall handover complete or part possession of the site to the Contractor 7 days in advance of construction programme. At the start of the work, the Employer shall handover the possession of at-least 75% of the site free of all encumbrances, the remaining 25 % of the possession as per contractor's construction programme.

### **21. Access to the Site**

21.1 The Contractor shall allow access to the Site and to any place where work in

connection with the Contract is being carried out, or is intended to be carried out to the Engineer and any person/persons/agency authorized by: a. The Engineer b. The Employer or authorized by the Employer.

## **22. Instructions**

22.1 The Contractor shall carry out all instructions of the Engineer, which comply with the applicable laws where the Site is located.

22.2 The Contractor shall permit the appointed and/or authorized persons to inspect the Site and/or accounts and records of the Contractor and its subcontractors relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed, if so required. The Contractor's attention is invited to Clause of 'Fraud and Corruption', which provides, inter alia, that acts intended to materially impede the exercise of the inspection and audit rights provided for under the Clause & constitute an obstructive practice subject to contract termination.

22.3 Engineer to have power to issue further drawings or instructions:

The Engineer shall have the power and authority from time to time and at all times to make and issue such further drawings and to give such further instructions and directions as may appear to him necessary or proper for the guidance of the contractor and the good and sufficient execution of the works according to terms of the specifications and Contractor shall receive, execute, obey and be bound by the same, according to the true intent and meaning thereof, as fully and effectually as though the same had accompanied or had been mentioned or referred to in the specification, and the Engineer may also alter or vary the levels or position of nature of works contemplated by the specifications, or may order any of the works contemplated thereby to be omitted, with or without the substitution of any other works in lieu thereof, or may order any work or any portion of work executed or partially executed, to be removed, changed or altered, added if needful, may order that other works shall be substituted instead thereof and difference of expense occasioned by any such diminution or alteration so ordered and directed shall be added to or deducted from the amount of this Contract, as provided under condition no.10(a) hereinafter.

No work which radically changes the original nature of the Contract shall be ordered by the Engineer and in the event of any deviation being ordered which in the opinion of the Contractor changes the original nature of Contract he shall nevertheless carry it out and disagreement as to the nature of the work and the rate to be paid therefore shall be

resolved in accordance with condition no.13d.

The time for completion of the Works, shall be in even of any deviations resulting in additional cost over the contract price being ordered, be extended or reduced reasonably by the Engineer. The Engineer's decision in this case shall be final.

## **B. Time Control**

### **23. Programme**

23.1 Within the time stated in the Contract Data, the Contractor shall submit to the Engineer for approval a Programme, including Environment Management Plan showing the general methods, arrangements, order, and timing for all the activities in the Works, along with monthly cash flow forecasts for the construction of works.

After the completion of the construction works, the programme for the Routine Maintenance Work, showing the general methods, arrangements, order and timing for all the activities involved in the Routine Maintenance will also be submitted by the Contractor to the Engineer for approval if specified in the tender. The programme for Routine Maintenance will be submitted in each year for the period of Maintenance.

23.2 The Contractor shall submit the list of equipment and machinery being brought to site, the list of key personnel being deployed, the list of machinery/ equipments being placed in field laboratory and the location of field laboratory along with the Programme. The Engineer shall cause these details to be verified at each appropriate stage of the programme.

23.3 An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities.

23.4 The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the Contract Data. If the Contractor does not submit an updated Programme within this period, the Engineer may withhold the amount stated in the Contract Data from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.

23.5 The Engineer's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer again at any time. A revised Programme shall show the effect of Variations and Compensation Events.

## **24. Extension of Time in Contracts:**

Subject to any requirement in the contract as to completion of any portions or portions of the works before completion of the whole, the contractor shall fully and finally complete the whole of the works comprised in the contract (with such modifications as may be directed under conditions of this contract) by the date entered in the contract or extended date in terms of the following clauses:

### **A) Extension attributable to BMC**

**(i) Extension Due To Modification:** If any modifications have been ordered which in the opinion of the Engineer have materially increased the magnitude of the work, then such extension of the contracted date of completion may be granted as shall appear to the Engineer to be reasonable in the circumstances, provided moreover that the Contractor shall be responsible for requesting such extension of the date as may be considered necessary as soon as the cause thereof shall arise and in any case **should not be less than 30 days before the expiry of the date fixed for completion of the works.**

**(ii) Extension For Delay Due To BMC:** In the event of any failure or delay by the BMC to hand over the Contractor possession of the lands necessary for the execution of the works or to give the necessary notice to commence the works or to provide the necessary drawings or instructions or any other delay caused by the BMC due to any other cause whatsoever, then such failure or delay shall in no way affect or vitiate the contract or alter the character thereof or entitle the contractor to damages or compensation therefore, but in any such case, the BMC may grant such extension(s) of the completion date as may be considered reasonable.

**Note: For extension of time period as governed in (i) and (ii) above, any modifications in design/drawings, specifications, quantities shall be needed to be justified with recorded reasons with approval of Ch.Eng. for not anticipating the same while preparing estimates and draft tender.**

**(b) Extension Of Time For Delay Due To Contractor :** The time for the execution of the work or part of the works specified in the contract documents shall be deemed to be the essence of the contract and the works must be completed no later than the date(s) / the programme for completion of work as specified in the contract. If the contractor fails to complete the works within the time as specified in the contract for the reasons other than the reasons specified in above as (a.i) and (a.ii), the BMC may, if satisfied that the works can be completed by the contractor within reasonable short time thereafter, allow the contractor for further extension of time as the Engineer may decide. On such extension the BMC will be entitled without prejudice to any other right and remedy available on that behalf, to recover the compensation as governed by Clause 8(e) of GCC.

For the purpose of this Clause, the contract value of the works shall be taken as value of work as per contract agreement including any supplementary work order/contract agreement issued.

**Further, competent authority while granting extension to the currency of contract under Clause (b) of as above may also consider levy of penalty, as deemed fit based on the merit of the case. Also, the reasons for granting extension shall be properly documented.**

## **25. Delays Ordered by the Engineer**

25.1 The Engineer may instruct the Contractor to delay the start or progress of any activity within the Works. Delay/delays totaling more than 30 days will require prior written approval of the DMC/AMC.

## **26. Management Meetings**

26.1 The Engineer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the plans for progress of the Works.

26.2 The Engineer shall record the business of management meetings and provide copies of the record to those attending the meeting. The responsibility of the parties for actions to be taken shall be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all those who attended the meeting.

## **C. Quality Control**

### **27.1. Work to be open to Inspection and Contractor or Responsible agent to be presents.**

All works under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Eng-in-charge and his subordinates and the contractor shall at all times during the usual working hours, at all other times, during the usual working hours and at all other times at which reasonable notice of the intention of the Eng-in-charge and his subordinates to visit the works shall have been given to the contractor, either himself be present to receive orders and instruction or have responsible agent duly accredited in writing present for that purpose. Order given to the contractors' duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself.

### **27.2. Notice to Be Given Before Work Is Covered Up**

The contractor shall give to less than ten days' notice in writing to the Eng-In-Charge or his subordinate in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimension thereof taken before the same is so covered up or placed beyond the reach of measurements and shall not cover up or place beyond the reach of measurement any work without the consent in writing of the Eng.-In-Charge or his subordinate in charge of the work, and if any work shall be covered up or placed beyond

the reach of measurement, without such notice having been given or consent obtained the same shall be uncovered at the contractors expenses, and in default thereof no payment or allowance shall be made for such work or for the materials with which the same was executed

**27.3 Works to be executed in accordance with specifications / drawings / orders etc. :**

The contractor shall execute the whole and every part of the work the most substantial and workman like manner and both has regards material and every other respect in strict accordance with specifications. The contractor shall also confirm exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work signed by the Engineer In-charge and lodged in his office and to which the contractor shall be entitled to have access for the purpose of inspection at such office, or on the site or work during office hours. The contractor shall be entitled to receive three sets of contract drawings and working drawings as well as one certified copy of the accepted tender along with the work order free of cost.

**27.4 Ready Mix Concrete/ Asphalt Mix**

- i) The contractor shall have to arrange Ready Mix concrete (RMC)/Asphalt from RMC/ASPHALT producing plants registered with BMC
- ii) The contractor shall, within a 7 days of award of the work, submit a list of at least three RMC/Asphalt producers with details of such plants including details and number of transit, mixers & pumps etc. to be deployed indicating name of owner/company, its location, capacity, technical establishment.

The Engineer-in-charge will reserve right to inspect at any stage and reject the concrete if he is not satisfied about quality of product at the user's end.

- iii) The Engineer-in-charge reserves the right to exercise control over the:-
  - a) Calibration check of the RMC/Asphalt plant.
  - b) Weight and quantity check on the ingredients, water and admixtures added for batch mixing for RMC plants
  - c) Time of mixing of concrete/grade of asphalt.
  - d) Testing of fresh concrete/asphalt mix, recording of results and declaring the mix fit or unfit for use. This will include continuous control on the work ability during production and taking corrective action, if required.
  - e) For exercising such control, the Engineer-in-charge shall periodically depute his authorized representative at the RMC/Asphalt plant. It shall be responsibility of the

contractor to ensure that all necessary equipment, manpower & facilities are made available to Engineer-in-charge and or his authorized representative at RMC/Asphalt plant.

f) All required relevant records of RMC/Asphalt mix shall be made available to the Engineer-in-charge or his authorized representative. Engineer-in-charge shall, as required, specify guidelines & additional procedures for quality control & other parameters in respect of material production & transportation of concrete mix which shall be binding on the contractor & the RMC/Asphalt plant. Only concrete as approved in design mix by Engineer-in-charge shall be produced in RMC plant and transported to the site.

g) The contractor shall have to produce a copy of challan receipts/SCADA reports/VTS reports as issued by the RMC/Asphalt plant as a documentary proof in lieu of supply of RMC/Asphalt mix before releasing payment.

## **28. Identifying Defects**

28.1 The Engineer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Engineer may instruct the Contractor to search for a Defect and to uncover and test any work that the Engineer considers may have a Defect.

28.2 The Contractor shall permit the Employer's technical person(s) to check the Contractor's work and notify the Engineer and Contractor if any defects that are found.

## **29. Tests**

29.1 For carrying out mandatory tests as prescribed in the specifications, the Contractor shall establish field laboratory at the location decided by Engineer. The field laboratory will have minimum of equipments as specified in the Contract Data. The contractor shall be solely responsible for:

- a. Carrying out the mandatory tests prescribed in the Specifications, and
- b. For the correctness of the test results, whether performed in his laboratory or elsewhere.

29.2 If the Engineer instructs the Contractor to carry out a test not specified in the Specification/ Quality Assurance Handbook to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no defect, the test shall be a compensation event.

When required by the Engineer-in-charge the contractor(s) shall supply for the purpose of testing samples of all materials proposed to be used in the works.

Samples submitted either to govern bulk supplies or required for testing before use shall be in suitable packages to contain them and shall be provided free of charge by the contractor. The cost of testing shall be borne by the contractor even if the result of the sample confirm or do not confirm to the relevant BIS code specifications.

- All expenditure required to be incurred for taking the samples conveyance, packing shall be borne by the contractor himself .
- The failed material shall be removed from the site by the contractor at his own cost within a week time of written order of the Engineer-in-charge.

### **29.3 Setting of Site Laboratories:**

Contractors shall set up a laboratory at site before commencement of work at their cost for performing various tests and at least the following machines and equipments shall be provided therein –

1. Set of Sieves as per I.R.C. /I.S.
2. Compressive Testing Machine (For new works)
3. Oven, Electrically Operated
4. Weighing Balance (20 kg capacity)
5. 3 m straight edge
6. Sieve shaker
7. First Aid Box
8. Measuring Jar (for silt content)
9. Other Machines/apparatus as may be directed by the Engineer
10. Vernier Caliber
11. Level / Theodolite

All the test records shall be maintained in the site office and made available as and when required. The laboratory must be established within 15 days from the date of receipt of the orders from Engineer In charge. On failure to do so, a penalty of Rs 1000/- per day shall be imposed.

The contractor shall install testing equipment at site. The contractor shall ensure and certify the calibration of the equipment so installed and shall maintain the same in

working order throughout the period of construction. The contractor shall also provide necessary technically qualified experienced trained staff for carrying out such tests for using such equipment. The tests shall be carried out under the supervision of the Engineer-in-charge. The calibration shall be checked every twelve months as directed by Engineer-in-charge.

### **30. Correction of Defects noticed during the Defects Liability Period.**

30.1 (a) The Engineer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and ends after five years. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

(b) Every time notice of Defect/Defects is given, the Contractor shall correct the notified Defect/Defects within the duration of time specified by the Engineer's notice.

(C) The Engineer may issue notice to the Contractor to carry out removal of defects or deficiencies, if any, noticed in his inspection, or brought to his notice. The Contractor shall remove the defects and deficiencies within the period specified in the notice and submit to the Engineer a compliance report.

### **31. Uncorrected Defects and Deficiencies**

31.1 If the Contractor has not corrected a Defect pertaining to the Defect Liability Period under clause and deficiencies in maintenance, to the satisfaction of the Engineer, within the time specified in the Engineer's notice, the Engineer will assess the cost of having the Defect or deficiency corrected, and the Contractor shall pay this amount, on correction of the Defect or deficiency by another agency.

## **D. Cost Control**

### **32. Variations**

The Engineer shall, having regard to the scope of the Works and the sanctioned estimated cost, have power to order, in writing, Variations within the scope of the Works he considers necessary or advisable during the progress of the Works. Such Variations shall form part of the Contract and the Contractor shall carry them out and include them in updated Programmes produced by the Contractor. Oral orders of the Engineer for Variations, unless followed by written confirmation, shall not be taken into account.

### **33. Payments for Variations**

33.1 If rates for Variation items are specified in the Bill of Quantities, the Contractor shall carry out such work at the same rate.

33.2 The rate for Extra/Excess shall be governed by clause 10.A of Standard General Condition of Contract

#### **34. Cash Flow Forecasts**

When the Programme is updated, the Contractor shall provide the Engineer with an updated cash flow forecast.

#### **35. Payment Certificates**

The payment to the Contractor will be as follows for construction work:

- (a) A bill shall be submitted by the Contractor monthly or before the date fixed by the Engineer In-charge for all works executed in the previous month, and the Engineer In-charge shall take or cause to be taken requisite measurement for the purpose of having the same verified and the claim, so far as it is admissible, shall be adjusted, if possible, within 10 days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer In-charge may depute a subordinate to measure up the said work in the presence of the contractor or his duly authorized agent whose counter signature to the measurement list shall be sufficient warrant, and Engineer In-Charge may prepare a bill from such list which shall be binding on the contractor in all respects.
- (b) The Engineer shall check the Contractor's fortnightly/monthly statement within 14 days and certify the amount to be paid to the Contractor.
- (c) The value of work executed shall be determined, based on measurements by the Engineer.
- (d) The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- (e) The value of work executed shall also include the valuation of Variations and Compensation Events.
- (f) The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- (g) The contractor shall submit all bills on the printed forms at the office of Engineer In-charge. The charges to be made in the bills shall always be entered at the rates specified in tender.

#### **36. Payments**

36.1 Payments shall be adjusted for deductions for advance payments, retention, security deposit, other recoveries in terms of the Contract and taxes at source, as

applicable under the law. The Employer shall pay the Contractor the amounts certified by the Engineer within 15 days of the date of each certificate.

36.2 All sums payable by a contractor by way of compensation under any of these conditions, shall be considered as a reasonable compensation to be applied to the use of BMC without reference to the actual loss or damage sustained and whether any damage has or has not been sustained.

36.3 No payment shall be made for any work estimated to cost less than Rupees One Thousand till after the whole of work shall have been completed and the certificate of completion given. But in the case of works estimated to cost more than Rs. One Thousand, the contractor shall on submitting a monthly bill therefore be entitled to receive payment proportionate to the part of the work than approved and passed by the Engineer In-charge, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. All such intermediate payments shall be regarded as payments by way of advance against the final payments only and not as payments for work actual done and completed and shall not preclude the Engineer In-charge from requiring any bad, unsound, imperfect or unskillful work to be removed or taken away and reconstructed or re-erected nor shall any such payment be considered as an admission of the due performance of the contract or any part thereof in any respect or the offering of any claim not shall it conclude, determine or effect in any other way, the powers of the Engineer In-charge as to the

final settlement and adjustment of the accounts or otherwise, or in any other way vary or effect the contract. The final bill shall be submitted by the Contractor within one month of the date fixed for the completion of the work otherwise the Engineer In-charge's certificate of the measurements and of the total amount payable for the work shall be final and binding on all parties.

37. The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor for not having given early warning or not having cooperated with the Engineer.

### **38. Taxation**

**1. Provisions incorporated in circulars under no. प्र.ले./वित्त/प्रकल्प/28 Dated 28.03.2023. are attached herewith in the Draft Tender.(Circular)**

2. The tenderer shall quote inclusive of all taxes other than GST (**Excluding GST**). Levies, Duties.Cess etc as applicable at the time of bid submission GST as applicable shall be paid separately on submission of bills/invoice Input Tax Credit of GST as available with the bidder will not be claim separately by BMC. However, while quoting the rates benefit of Input Tax Credit or Exemptions shall be passed on to the BMC by way of equivalent reduction in quoted price.

### **39. Currencies**

All payments will be made in Indian Rupees.

### **40. Liquidated Damages**

Both, the Contractor and the Employer have agreed that it is not feasible to precisely estimate the amount of losses due to delay in completion of works and the losses to the public and the economy, therefore, both the parties have agreed that the Contractor shall pay liquidated damages to the Employer and not by way of penalty, at the rate per week or part thereof stated in the Contract Data for the period that the Completion Date is later than the Intended Completion Date. Liquidated damages at the same rates shall be withheld if the Contractor fails to achieve the milestones prescribed in the Contract Data. However, in case the Contractor achieves the next milestone, the amount of the liquidated damages already withheld shall be restored to the Contractor by adjustment in the next payment certificate. The Employer and the contractor have agreed that this is a reasonable agreed amount of liquidated damage. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's other liabilities.

### **41. Cost of Repairs**

Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at his cost if the loss or damage arises from the Contractor's acts or omissions.

## **E. Finishing the Contract**

### **42. Completion of Construction and Maintenance**

42.1 The Contractor shall request the Engineer to issue a certificate of completion of the construction of the works, and the Engineer will do so upon deciding that the works is completed. This shall be governed as per clause no.8(g) of Standard General Conditions of Contract.

### **43. Taking Over**

43.1 The Employer shall take over the works within seven days of the Engineer issuing a certificate of completion of works. The Contractor shall continue to remain responsible for its routine maintenance during the maintenance period if specified in the contract.

### **44. Final Account**

Final joint measurement along with the representatives of the contractor should be taken recorded and signed by the Contractors. Contractors should submit the final bill within 1 month of physical completion of the work.

If the contractor fails to submit the final bill within 1 month, the BMC staff will prepare

the final bill based on the joint measurement within next 3 months.

Engineer's decision shall be final in respect of claims for defect and pending claims against contractors.

No further claims should be made by the Contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bills in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by the Commissioner shall be made within a reasonable period as may be necessary for the purpose of verification etc.

After payment of the final bill as aforesaid has been made, the contractor may, if he so desires, reconsider his position in respect of a disputed portion of the final bills and if he fails to do so within 84 days, his disputed claim shall be dealt with as provided in the contract.

A percentage of the retention money, over and above the actual retention money as indicated below shall be held back from payments till the finalization of final bill to be submitted as per above and will be paid within 30 days of acceptance of the final bill.

Sr. no.	Amount of Contract Cost	Minimum Payable Amount in final bill
1	Upto Rs.5 Crs.	Rs.10 Lacs or final bill whichever is more
2	Upto Rs.25 Crs.	Rs.1 Crore or final bill amount whichever is more
3	Upto Rs. 50 Crs.	Rs.2 Crores or final bill amount whichever is more
4	Upto Rs.100 Crs.	Rs.4 Crore or final bill amount whichever is more
5	More than Rs.100 Crs..	Rs.7 Crore or final bill amount whichever is more

The contractor have to submit the bill for the work carried out within 15 days from the date of completion of the work to the respective executing department. If the contractor fails to submit their bills to concerned executing department, penalty or action as shown below will be taken for each delayed bill:-

After 15 days from the date of completion/running bill upto certain date, upto next 15 days i.e. upto 30 days	Equal to 5% of bill amount
Next 15 days upto 45 days from the date of completion/running bill upto specified date	Equal to 10% of bill amount
If not submitted witin 45 days from the date of completion/ R.A. bill	Bill will not be admitted for payment.

#### **45. Operating and Maintenance Manuals**

45.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

45.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated

in the Contract Data, or they do not receive the Engineer's approval, the Engineer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

#### **46. Termination**

46.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

46.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- a) The Contractor stops work for 30 days when no stoppage of work is shown on the current Programme and the stoppage has not been authorized by the Engineer;
- b) The Contractor is declared as bankrupt or goes into liquidation other than for approved reconstruction or amalgamation;
- c) The Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- d) The Contractor does not maintain a Security, which is required;
- e) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in relevant clause.
- f) The Contractor fails to provide insurance cover as required under relevant clause .
- g) If the Contractor, in the judgment of the Employer, has engaged in the corrupt or fraudulent practices as defined in GCC in competing for or in executing the Contract.
- h) If the Contractor fails to set up a field laboratory with the prescribed equipment, within the period specified in the Contract Data; and
- i) Any other fundamental breaches as specified in the Contract Data.
- j) If the Contractor fails to deploy machinery and equipment or personnel as specified in the Contract Data at the appropriate time.

46.3 When either party to the contract gives notice of a breach of contract to the Engineer for a cause other than those listed above, the Engineer shall decide whether the breach is fundamental or not.

46.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

46.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

#### **47. Payment upon Termination**

47.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for value of the work done and materials ordered less liquidated damages, if any, less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the Contract Data. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered from the security deposit, and performance security. If any amount is still left unrecovered it will be a debt due from the Contractor to the Employer

47.2 If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the Contract, and less taxes due to be deducted at source as per applicable law.

#### **48. Property**

48.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer for use for completing balance construction work if the Contract is terminated because of the Contractor's default, till the Works is completed after which it will be transferred to the Contractor and credit, if any, given for its use.

#### **49. Release from Performance**

If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of the Employer or the Contractor, the Engineer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.

### **F) Other Conditions of Contract**

#### **50. Labour**

50.1 The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

50.2 The Contractor shall, if required by the Engineer, deliver to the Engineer a return in detail, in such form and at such intervals as the Engineer may prescribe, showing the

staff and the number of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Engineer may require.

### **51. Compliance with Labour Regulations**

(a) During continuance of the Contract, the Contractor and his sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority.

(b) Furthermore, the Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer shall have the right to deduct any money due to the Contractor including his amount of performance guarantee. The Employer/Engineer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

(c) The Contractor shall require his employees to obey all applicable laws, including those concerning safety at work.

(a) The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

### **52. Drawings and Photographs of the Works**

52.1 The Contractor shall do photography/video photography of the site firstly before the start of the work, secondly mid-way in the execution of different stages of work as required by Engineer In-charge and lastly after the completion of the work. No separate payment will be made to the Contractor for this.

52.2 The Contractor shall not disclose details of Drawings furnished to him and works on which he is engaged without the prior approval of the Engineer in writing. No photograph of the works or any part thereof or plant employed thereon, except those permitted under above clause, shall be taken or permitted by the Contractor to be taken by any of his employees or any employees of his sub-Contractors without the prior

approval of the Engineer in writing. No photographs/ Video photography shall be published or otherwise circulated without the approval of the Engineer in writing.

### **53. The Apprentices Act, 1961**

The Contractor shall duly comply with the provisions of the Apprentices Act 1961 (III of 1961), the rules made there under and the orders that may be issued from time to time under the said Act and the said Rules and on his failure or neglect to do so, he shall be subject to all liabilities and penalties provided by the said Act and said Rules.

### **54. Contract Document/order of precedence**

The documents forming the contract are to be taken as mutually explanatory of one another. Unless otherwise provided in the contract, the priority of the documents forming the contract shall be, as follows:

- 1) Contract Agreement (if completed)
- 2) The letter of Acceptance
- 3) The Bid:
- 4) Addendum to Bid; if any
- 5) Tender Document
- 6) The Bill of Quantities:
- 7) The Specification:
- 8) Detailed Engineering Drawings
- 9) Standard General Conditions of Contracts (GCC)
- 10) All correspondence documents between bidder/contractor and BMC.

### **55. Conflict of Interest**

The Applicant shall not have a conflict of interest (the “Conflict of Interest”) that affects the Bidding Process. Any Applicant found to have a Conflict of Interest shall be disqualified. An Applicant shall be deemed to have a Conflict of Interest affecting the Bidding Process, if

1. A constituent of such Applicant is also a constituent of another Applicant; or
2. Such Applicant has the same legal representative for purposes of this Application as any

other Applicant; or

3. Such Applicant, or any Associate thereof has a relationship with another Applicant, or any Associate thereof, directly or through common third party/ parties, that puts either or both of them in a position to have access to each other's information about, or to influence the Application of either or each other; or
4. The Applicant shall be liable for disqualification if any legal, financial or technical adviser of the Authority in relation to the Project is engaged by the Applicant, its Member or any Associate thereof, as the case may be, in any manner for matters related to or incidental to the Project. For the avoidance of doubt, this disqualification shall not apply where such adviser was engaged by the Applicant, its Member or Associate in the past but its assignment expired or was terminated 6 (six) months prior to the date of issue of this TENDER. Nor will this disqualification apply where such adviser is engaged after a period of 3 (three) years from the date of commercial operation of the Project.

#### **56. Applications and costs thereof**

No Applicant shall submit more than one Application for the Project. An applicant applying individually shall not be entitled to submit another application either individually. The Applicant shall be responsible for all of the costs associated with the preparation of their Applications and their participation in the Bid Process. The Authority will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the Bidding Process.

#### **57. Acknowledgment by Applicant**

It shall be deemed that by submitting the Application, the Applicant has:

- made a complete and careful examination of the tender;
  - received all relevant information requested from the Authority;
  - accepted the risk of inadequacy, error or mistake in the information provided in the tender or furnished by or on behalf of the Authority relating to any of the matters referred; and
  - Agreed to be bound by the undertakings provided by it under and in terms hereof.
- “The Authority” shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to the TENDER or the Bidding Process, including any error or mistake therein or in any

information or data given by the Authority.

**58. Right to accept or reject any or all Applications/ Bids**

Notwithstanding anything contained in this TENDER, “The Authority” reserves the right to accept or reject any Application and to annul the Bidding Process and reject all Applications/ Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons therefore. In the event that the Authority rejects or annuls all the Bids, it may, in its discretion, invite all eligible Bidders to submit fresh Bids hereunder.

“The Authority” reserves the right to reject any Application and/ or Bid if:

- i. at any time, a material misrepresentation is made or uncovered, or
- ii. the Applicant does not provide, within the time specified by the Authority, the supplemental information sought by the Authority for evaluation of the Application.

In case it is found during the evaluation or at any time before signing of the Agreement or after its execution and during the period of subsistence thereof including the concession thereby granted by “The Authority”, that one or more of the pre-qualification conditions have not been met by the Applicant, or the Applicant has made material misrepresentation or has given any materially incorrect or false information, the Applicant shall be disqualified forthwith if not yet appointed as the Successful Bidder either by issue of the LOA (Letter of Approval) or entering into of the Agreement, and if the Applicant has already been issued the LOA or has entered into the Concession Agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this TENDER, be liable to be terminated, by a communication in writing by “The Authority” to the Applicant, without the Authority being liable in any manner whatsoever to the Applicant and without prejudice to any other right or remedy which the Authority may have under this TENDER, the Bidding Documents, the Concession Agreement or under applicable law.

“The Authority” reserves the right to verify all statements, information and documents submitted by the Applicant in response to the TENDER. Any such verification or lack of such verification by the Authority shall not relieve the Applicant of its obligations or liabilities hereunder nor will it affect any rights of the Authority there under.

**59. The bid shall be rejected if the bidder-**

- i. Stipulates the validity period less than 180 days.
- ii. Stipulates own condition/conditions.
- iii. Does not fill and (digital) sign undertaking forms, which are incorporated, in the

document.

#### **60. Clarifications**

Applicants requiring any clarification on the tender may notify “the Authority” in writing or by fax or e-mail. They should send in their queries before the date specified in the header data. “The Authority” shall Endeavor to respond to the queries within the period specified therein. The responses will be sent by fax and/or e-mail. The Authority will forward all the queries and its responses thereto, to all purchasers of the TENDER without identifying the source of queries.

“The Authority” shall Endeavor to respond to the questions raised or clarifications sought by the Applicants. However, the Authority reserves the right not to respond to any question or provide any clarification, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring the Authority to respond to any question or to provide any clarification, but not later than the date provided in header data.

“The Authority” may also on its own motion, if deemed necessary, issue interpretations and clarifications to all Applicants. All clarifications and interpretations issued by the Authority shall be deemed to be part of the tender. Verbal clarifications and information given by Authority or its employees or representatives shall not in any way or manner be binding on the Authority.

#### **61. Amendment of tender**

At any time prior to the deadline for submission of Application, the Authority may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicant, modify the tender by the issuance of Addendum.

Any Addendum thus issued will be sent in writing/ Fax/ Email to all those who have purchased the tender. In order to afford the Applicants a reasonable time for taking an Addendum into account, or for any other reason, the Authority may, in its sole discretion, extend the Application Due Date.

### **G) Preparation and Submission of Application**

#### **62. Language**

The Application and all related correspondence and documents in relation to the Bidding Process shall be in English language. Supporting documents and printed literature furnished by the Applicant with the Application may be in any other language provided that they are accompanied by translations of all the pertinent passages in the

English language, duly authenticated and certified by the Applicant. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Application, the English language translation shall prevail.

### **63. Format and signing of Application**

The Applicant shall provide all the information sought under this TENDER. The Authority will evaluate only those Applications that are received in the required formats and complete in all respects. Incomplete and /or conditional Applications shall be liable to rejection.

The Applicant will upload bid in One Folder in electronic form which shall contain the scanned certified copies of the documents given below and the documents uploaded has to be digitally signed by the bidder. These copies shall be certified by Practicing Notary approved by the Govt. of Maharashtra or Govt. of India with his stamp, clearly stating his name & registration number, except where original documents are demanded

### **64. Marking of Applications**

The Applicant shall submit the Application in the format specified at Appendix-I, together with the documents, upload in folder as “VENDOR” together with their respective enclosures

Applications submitted by fax, telex, telegram shall not be entertained and shall be rejected outright.

### **65. Late Applications**

Applications received by the Authority after the specified time on the Application Due Date shall not be eligible for consideration and shall be summarily rejected.

### **66. Confidentiality**

Information relating to the examination, clarification, evaluation, and recommendation for the short-listed qualified Applicants shall not be disclosed to any person who is not officially concerned with the process or is not a retained professional advisor advising the Authority in relation to or matters arising out of, or concerning the Bidding Process. The Authority will treat all information, submitted as part of Application, in confidence and will require all those who have access to such material to treat the same in confidence. The Authority may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/ or the Authority or

as may be required by law or in connection with any legal process.

#### **67. Clarification Of Financial Bids**

To assist in the examination, evaluation and comparison of Bids, the Engineer may, at his discretion, ask any bidder for clarification of his Bid, including breakdown of unit rates. The request for clarification and the response shall be in writing or by post/facsimile/e-mail. No Bidder shall contact the Engineer on any matter relating to his bid from the time of the bid opening to the time the contract is awarded. Any effort by the Bidder to influence the Engineer in the Engineer's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidder's bid.

#### **68. Inspection of site and sufficiency of tender:**

- The Contractor shall inspect and examine the site and its surrounding and shall satisfy himself before submitting his tender as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the site, the quantities and nature of the work and materials necessary for the completion of the works and means of access to the site, the accommodation he may require and in general shall himself obtain all necessary information as to risk, contingencies and other circumstances which may influence or affect his tender. He shall also take into consideration the hydrological and climatic conditions.
- The Employer may make available to the Contractor data on hydrological and sub-surface conditions as obtained by or on his behalf from investigations relevant to the works but the Contractor shall be responsible for his own interpretation thereof. The contractor shall engage his investigating agency with prior approval of the Engineer from the approved list of such agencies by BMC or Govt at his cost initially before commencing actual work and which shall be reimbursed immediately subject to satisfaction of the Engineer for faithful compliance and submission of required data regarding such investigation within specified time.
- The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the schedule of works / items / quantities, or in Bill of Quantities, which rates and prices shall, except as otherwise provided cover all his obligations under the Contract and all matters and things necessary for proper completion and maintenance of the works. No extra charges consequent on any misunderstanding.

- **Not Foreseeable Physical Obstructions or Conditions:** If, however, during the execution of the Works the Contractor encounters physical obstructions or physical conditions, other than climatic conditions on the Site, which obstructions or conditions were, in his opinion, not foreseeable by an experienced contractor, the Contractor shall forthwith give notice thereof to the Engineer. On receipt of such notice, the Engineer shall, if in his opinion such obstructions or conditions could not have been reasonably foreseen by an experienced contractor, after due consultation with the Contractor, determine:

i.any extension of time to which the Contractor is entitled and

ii.The amount of any costs which may have been incurred by the Contractor by reason of such obstructions or conditions having been encountered, which shall be added to the Contract Price

and shall notify the Contractor accordingly. Such determination shall take account of any instruction which the Engineer may issue to the Contractor in connection therewith, and any proper and reasonable measures acceptable to the Engineer which the Contractor may take in the absence of specific instructions from the Engineer. However such costings shall be got approved by the competent authority as governed vide rules prevailing with authority.

- **Office for the Engineer (Works costing upto Rs.50 Lakhs)**

The Contractor shall at his own cost and to satisfaction of the Engineer provide a small temporary office, at the work-site which will include tables, chairs and lockers for keeping the records. He shall also make necessary arrangements for drinking water, telephone with a pre-requisite of e-governance and electronic communication. These offices are not to be allowed on public roads without the written instruction of the Engineer. These offices should be preferably located within 50 to 500 m of the worksite. In case the office is more than 500m away from the worksite, the contractor is to provide conveyance for Municipal Staff.

- **Office for the Engineer (Works costing above Rs.50 lakhs)**

The Contractor shall at his own cost and to satisfaction of the Engineer provide a temporary office at the work-site which will include tables, chairs and lockers for keeping the records. He shall also make necessary arrangements for drinking water, latrines, with doors, windows, locks, bolts and fastenings sufficient for security for the

Engineer, and his subordinates, as close to the works from time to time in progress as can be conveniently arranged, and shall at his own cost furnish the office with such chairs, tables, lockers, locks and fastenings as may be required by the Engineer, and no expense of any kind in connection with the erection or upkeep of the offices or fittings shall be borne by the Corporation, but all such work shall be carried out by the Contractor and the expenses thereof defrayed by him. The Contractor shall also make water connections and fit up stand pipe with a bib tap at each office. The latrines and the water connections shall be subject to all the conditions herein elsewhere laid down for temporary water connection and latrines generally with all requisite equipments for e-governance and electronic and digital communication. These offices are not to be allowed on public roads without the written instruction of the Engineer. These offices should be preferably located within 50 to 500 m of the worksite. In case the office is more than 500m away from the worksite, the contractor is to provide conveyance. Also, for staff working beyond working hours the contractor has to provide conveyance.

- **Permission for provision and removal of office on completion of work:** The tenderer shall obtain permission for provision of site office, cement go-down, store, etc. on payment of necessary cost implication. The cement go-down, Watchman cabins, etc. shall be provided as directed and shall be removed by the Tenderers on completion of the work at their cost. It is binding on the Tenderer to fulfill requirements of Environmental Authorities. The location of such office shall be finalized and got approved from the Engineer before erection/commencement work.
- **Contractor's office near works:** The Contractor shall have an office near the works at which notice from the Commissioner or the Engineer may be served and shall, between the hours of sunrise and sunset on all working days, have a clerk or some other authorized person always present at such office upon whom such notices may be served and service of any notices left with such clerk or other authorized person or at such office shall be deemed good service upon the Contractor and such offices shall have pre-requisite facilities for e-governance.

#### **69. Official Secrecy:**

The Contractor shall of all the persons employed in any works in connection with the contract that the India Official Secrets Act 1923 (XIX of 1923) applies to them and will continue to apply even after execution of the said works and they will not disclose any information regarding this contract to any third party. The contractor shall also bring

into notice that, any information found to be leaked out or disclosed the concern person as well as the Contractor will be liable for penal action; further the Corporation will be at liberty to terminate the contract without notice.

**70. Subsequent Legislation:**

If on the day of submission of bids for the contract, there occur changes to any National or State statute, Ordinance, decree or other law or any regulation or By-laws or any local or other duly constituted authority or the introduction of any such National or State Statute, Ordinance, decree or by which causes additional or reduced cost to the Contractor, such additional or reduced cost shall, after due consultation with the Contractor, be determined by the concerned Engineering Department of BMC and shall be added to or deducted from the Contract Price with prior approval of competent authority and the concerned Engineering Department shall notify the Contractor accordingly with a copy to the Employer. BMC reserve the right to take decision in respect of addition/reduction of cost in contract.

**71. Patent, Right and Royalties:**

The contractor shall save harmless and indemnify the Corporation from and against all claims and proceedings for or on account of infringement of any Patent rights, design trademark or name of other protected rights in respect of any constructional plant, machine work, or material used for or in connection with the Works or any of them and from and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto. Except where otherwise specified, the contractor shall pay all tonnage and other royalties, rent and other payments or compensation, if any, for getting stone, sand, gravel, clay or other materials required for the works or any of them.

**72. Payments, Tax and Claims:**

**a) The limit for unforeseen claims**

Under no circumstances whatever the contractor shall be entitled to any compensation from BMC on any account unless the contractor shall have submitted a claim in writing to the Eng-in-change within 1 month of the case of such claim occurring.

**A No interest for delayed payments due to disputes, etc:**

It is agreed that the Brihanmumbai Municipal Corporation or its Engineer or Officer shall not be liable to pay any interest or damage with respect of any moneys or balance

which may be in its or its Engineer's or officer's hands owing to any dispute or difference or claim or misunderstanding between the Municipal Corporation of Greater Bombay or its Engineer or Officer on the one hand and the contractor on the other, or with respect to any delay on the part of the Municipal Corporation of Greater Bombay or its Engineer or Officers in making periodical or final payments or in any other respect whatever.

### **73. Settlement of Disputes:**

#### **1 Termination of contract for death**

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the Contractor is a partnership concern and one of the legal representative of the individual Contractor or the proprietor of the proprietary concern and in case of partnership, the surviving partners, are capable of carrying out and completing the contract, the Commissioner shall be entitled to cancel the contract as to its uncompleted part without the Corporation being in any way liable to payment of any compensation to the estate of the deceased Contractor and or to the surviving partners of the Contractor's firm on account of the cancellation of the contract. The decision of the Commissioner that the legal representative of the deceased Contractor or surviving partners of the Contractor's firm cannot carry out and complete the contract shall be final and binding on the parties. In the event of such cancellation the Commissioner shall not hold estate of the deceased Contractor and or surviving partners of the Contractor's firm liable in damages for not completing the contract.

#### **2 Settlement of Disputes:**

If any dispute or differences of any kind whatsoever other than those in respect of which, the decision of any person is, by the Contract, expressed to be final and binding) shall arise between the Employer and the Contractor or the Engineer and the Contractor in connection with or arising out of the Contract or carrying out of the Works (Whether during the progress of the Works or after their completion and whether before or after the termination, abandonment or breach of the Contract) it, the aggrieved party may refer such dispute within a period of 7 days to the concerned Addl. Municipal Commissioner who shall constitute a committee comprising of three officers i.e. concerned Deputy Municipal Commissioner or Director (ES&P), Chief Engineer other than the Engineer of the Contract and concerned Chief Accountant. The Committee

shall give decision in writing within 60 days. Appeal on the Order of the Committee may be referred to the Municipal Commissioner within 7 days. Thereafter the Municipal Commissioner shall constitute a Committee comprising of three Addl. Municipal Commissioners including Addl. Municipal Commissioner in charge of Finance Department. The Municipal Commissioner within a period of 90 days after being requested to do so shall give written notice of committee's decision to the Contractor. Save as herein provided such decision in respect of every matter so referred shall be final and binding upon both parties until the completion of the works, and shall forthwith be given effect to by the Contractor who shall proceed with the works with due diligence, whether he requires arbitration as hereinafter provided or not. If the Commissioner has given written notice of the decision to the Contractor and no Claim to arbitration has been communicated within a period of 90 days from receipt of such notice the said decision shall remain final and binding upon the Contractor.

#### **74. Arbitration and Jurisdiction:**

If the Commissioner fails to give notice of the decision as aforesaid within a period of 90 days after being requested as aforesaid or if the Contractor is dissatisfied with any such decision, then the Contractor may within 90 days after receiving notice of such decision or within 90 days after the expiration of the first named period of 90 days (as the case may be) require that the matter or matters in dispute be referred to arbitration as hereinafter provided.

1) In case of a contract where the contract price and/or contract value is less than Rs. 5,00,00,000/- (Rupees Five Crore Only), any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to a mutually agreed arbitral tribunal in accordance with the Arbitration and Conciliation Act, 1996 (amended upto date). The arbitral tribunal shall consist of a sole arbitrator, as mutually agreed upon by the parties and the said dispute shall be finally resolved by the said arbitral tribunal. The decision of the arbitral tribunal shall be in writing (with reasons) and which will be final and binding upon the parties hereto and the expenses of the arbitration shall be paid as may be determined by the arbitral tribunal. The seat of the arbitration shall be Mumbai. The venue of arbitration shall be within the limits of Brihan Mumbai. The language of the Arbitration shall be English.

If the parties fails to appoint mutually agreed arbitral tribunal, within the period of 30 days from the date of application seeking arbitration in the dispute, the arbitral tribunal

shall be appointed by the recognised arbitral institution ie. Mumbai Centre for International Arbitration (approved by Government of Maharashtra under G.R. no. ARB/Case No. 1,/2017/D-19 dtd. 28.02.2017) as per the Arbitration Rules of the Mumbai Centre for International Arbitration then In force ("MCIA Rules").

(ii) In case of contract where the contract price and/or contract value is Rs.5,00,00,000/- (Rupees Five Crore Only) or more, any dispute arising out of or in connection with such a contract, including any question regarding its existence, validity or termination, shall be directly referred to and finally resolved by the recognized arbitral institution i.e. Mumbai Centre for International Arbitration (approved by Government of Maharashtra under G.R. no. ARB/Case No. 1,/2017/D-19 dtd. 28.02.2017) as per the Arbitration Rules of the Mumbai Centre for International Arbitration then in force ("MCIA Rules"). The arbitral tribunal shall consist of a sole arbitrator. The seat of the arbitration shall be Mumbai. The language of the Arbitration shall be English.

In either case, the law governing this arbitration agreement and the contract shall be Indian Law.

(On Rs.500/- stamp paper as per table mentioned in Proforma VII)

#### **75. Copyright:**

The copyright of all drawings and other documents provided by the Contractor under the contract shall remain vested in the Contractor or his sub-contractors as the case may be the employer shall have a license to use such drawings and other documents in connection with the design, construction, operation, maintenance of the works. At any time the Employer shall have further license without additional payment to the Contractor to use any such drawings or documents for the purpose of making any improvement of the works or enlargement or duplication of any part thereof, provided that such improvement, enlargement, or duplication by itself or in conjunction with any other improvements, enlargements or duplications already made in accordance with the further license does not result in the duplication of the whole works.

#### **76. Receipts to be signed in firm's name by any one of the partners:**

Every receipt for money which may become payable or for any security which may become transferable to the Contractor under these present shall, if signed in the partnership name by any one of the partners, be a good and sufficient discharge to the Commissioner and Municipal Corporation in respect of the money or security purporting to be acknowledged thereby, and in the event of death of any of the partners during the pendency of this contract, it is hereby expressly agreed that every receipt by any one of the surviving partners shall, if so signed as aforesaid, be good and sufficient discharge as aforesaid provided that nothing in this clause contained shall be deemed

to prejudice or effect any claim which the Commissioner or the Corporation may hereafter have against the legal representatives of any partners so dying or in respect of any breach of any of the conditions thereof, provided also that nothing in this clause contained shall be deemed prejudicial or affect the respective rights or obligations of the Contractors and of the legal representatives of any deceased Contractors interest.

### **77. Proprietary data**

All documents and other information supplied by the Authority or submitted by an Applicant to the Authority shall remain or become the property of the Authority. Applicants are to treat all information as strictly confidential and shall not use it for any purpose other than for preparation and submission of their Application. The Authority will not return any Application or any information provided along therewith.

### **78. Correspondence with the Applicant**

Save and except as provided in this TENDER, the Authority shall not entertain any correspondence with any Applicant in relation to the acceptance or rejection of any Application.

### **79. Price Variation Clause**

The Contractor shall be reimbursed or shall refund to the Corporation as he case may be the variation in the value of the work carried out from time to time, depending on whether the prices of material and labour as a whole rise or fall, and the method adopted for such computations shall be as given below, it being clearly understood that the contractor shall have no claim for being reimbursed on the ground that the price of a particular material or group of materials have risen beyond the limits of the presumptions made in the following paras, however, no price variations shall be made applicable for contracts upto 12 months:

- A) Controlled materials: Price variations shall be permitted in respect of these materials the price level of which is controlled by the Government or its agency. The rate ruling on the date of submission of the tender shall be considered as the basic price of such material for adjustment. Any variation in this rate shall be considered for reimbursement to the contractor or refund to be claimed from the contractor as the case may be. The contractor shall, for the purpose of adjustment submit in original the relevant documents from the suppliers.
- B) Labour and other materials: For the purpose of this contract and for allowing reimbursement of refund on account of variation of prices of (i) labour, and (ii) materials other than materials mentioned in A above, computation will be based on the

formula enunciated below which is based on the presumptions that :

- i) The general price level of labour, rises or falls in proportion to the rise or fall of consumer price index number 9 (general) for working class in Mumbai.
- ii) The general price level of materials rises or falls in proportion to rise or fall of wholesale price index as published by 'Economic Adviser to Govt. of India'.
- iii) And that the component of labour is to the extent of 30 percent of 88 percent and the component of materials is to the extent of 70 percent of 88 percent of the value of the work carried out. The remaining 12 percent being the presumptive profit of the contractor.

a) Formula for Labour component:

$$VL = \frac{(0.88 R) \times 30}{100} \times \frac{(I - IO)}{IO}$$

b) Formula for Material component :

$$VM = \frac{(0.88 R \times 70 - C)}{100} \times \frac{(W - WO)}{WO}$$

Where –

VL = Amount of price variation to be reimbursed or claimed as refund on account of general rise or fall of index referred to above.

I = Consumer Price Index number of working class for Mumbai (declared by the Commissioner of Labour and Director of Employment, Mumbai) applicable to the period under reference (base year ending 2011-12 as 100 i.e. new series of indices).

IO = Consumer price index number for working class for Mumbai (declared by the Commissioner of labour and Director of Employment, Mumbai) prevailing, on the day of 28 days prior to the date of submission of the tender.

VM = The amount of price variation to be reimbursed or claimed as refund on account of general rise or fall of wholesale price index for period under reference.

W = Average wholesale price index as published by Economic Adviser to Govt. of India applicable to the period under reference.

WO = Wholesale price index as stated above prevailing on the day of 28 days prior to the date of submission of the tender.

R = Total value of the work done during the period under reference as recorded in the Measurement Book excluding water charges and sewerage charges but including cost of excess in respect of item upto 50 percent

C = Total value of Controlled materials used for the works as recorded in Measurement Book and paid for at original basic rate plus the value of materials used .

- i) The quantity of the Controlled material adopted in working out the value of 'C' shall be inclusive of permitted wastages as / if mentioned in specifications.
- ii) The basic rate for the supply of controlled material shall be inclusive of all the components of cost of materials excluding transport charges incurred for bringing the material from place of delivery to the site.

Computations based on the above formula will be made for the period of each bill separately and reimbursement will be made to (when the result is plus) and refund will be claimed from (when the result is minus) the contractor's next bill. The above formulae will be replaced by the formulae in Annexure-I as and when mentioned in special conditions of contract

The operative period of the contract for application of price variation shall mean the period commencing from the date of commencement of work mentioned in the work order and ending on the date when time allowed for the work order and ending on the date when time allowed for the work specified in the contract for work expires, taking into consideration, the extension of time, if any, for completion of the work granted by Engineer under the relevant clause of the conditions of contract in cases other than those where such extension is necessitated on account of default of the contractor.

The decision of the Engineer as regards the operative period of the contract shall be final and binding on the contractors.

- iii) Where there is no supply of controlled items to contractor the component 'C' shall be taken as zero.
- C) Adjustment after completion: If the Contractor fails to complete the works within the time for completion adjustment of prices thereafter until the date of completion of the works shall be made using either the indices or prices relating to the prescribed time for completion, or the current indices or prices whichever is more favorable to the employer, provided that if an extension of time is granted, the above provision shall apply only to adjustments made after the expiry of such extension of time.
- D) Price variation will be calculated similarly and separately for extra items and / or excess quantities and provisional sums calculated under Sub Clause 10 (b)A (i)&(ii) and Sub Clause 10 (b) B(ii) based on the above formula/formulae in Annexure-I as and when mentioned in Special conditions of contract; IO and WO being the indices applicable to the date on which the rates under Sub Clause 10 (a)A (i)&(ii) and Sub Clause 10 (a) B(iii) are fixed. No price variation shall be admissible for FAIR items created during execution.

**80. Maximum Price Variation shall be as follows:**

Time Period of Project	Maximum limit of Price Variation
Up to 12 months	No variation allowed
<b>Above 12 months to 24 months</b>	<b>5%</b>
Above 24 months	10%

**\*Approval of AMC/MC shall be obtained before invitation of tender in case of any changes in above.**

**Note: 1) The extension in time period for the projects originally estimated including monsoon results in change of price variation slabs as mentioned above i.e. from first slab to second slab or from second slab to third slab, then the maximum limit of original slab will prevail.**

**2) Operative period shall mean original or extended time period of contract.**

**For example:**

<b>Extension of Time period</b>	<b>Maximum Price Variation</b>
If original period of 18 months <b>including</b> monsoon extends to 16. The operative period will be 18+5 months.	No variation allowed
If original period of 18 months <b>excluding</b> monsoon extends to 16. The operative period will be 18+5 months.	Maximum 5% variation allowed

Price Variation during Extended Period of Contract:

(i) Extension Due To Modification & Extension for delay due to BMC:

The price variation for the period of extension granted shall be limited to the amount payable as per the Indices. In case the indices increases or decreases, above/below the indices applicable, to the last month of the original or extended period vide clause 8(1)(a)(i) and (ii) of standard GCC

(ii) Extension Of Time For Delay Due To Contractor:

(a) The price variation for the period of extension granted shall be limited to the amount payable as per the Indices in case the indices increase, above the indices applicable, to the last month of the original completion period or the extended period vide above clause 8(1)(a)(i) and (ii) of standard GCC.

(b) The price variation shall be limited to the amount payable as per the indices, in case the indices decrease or fall below the indices applicable, to the last month of original / extended period of completion period vide above clause 8(1)(b) of standard GCC, then

lower indices shall be adopted.

- (iii) Extension of Time For Delay due to reasons not attributable to BMC and Contractor (Reference Cl.8(d) of Standard GCC):

The price variation for the period of extension granted shall be limited to the amount payable as per the Indices in case the indices increases or decreases, above/below the indices applicable, to the last month of the original period.

## **81. Payment:**

### **Interim Payment :**

- i. Interim bills shall be submitted by the Contractor from time to time (but at an interval of not less than one month) for the works executed. The Engineer shall arrange to have the bills verified by taking or causing to be taken, where necessary, the requisite measurement of work.
- ii. Payment on account for amount admissible shall be made on the Engineer certifying the sum to which the Contractor is considered entitled by way of interim payment for all the work executed, after deducting there from the amount already paid, the security deposit / retention money and such other amounts as may be deductible or recoverable in terms of the contract.
- iii. On request, the contractor will be paid upto 75 percent of the value of the work carried out as an adhoc payment in the first week of next month after deducting there from recoveries on account of advances, interest, retention money, income tax etc. The balance payment due will be paid thereafter.
- iv. No interim payment will be admitted until such time the Contractor have fully complied with the requirement of the Condition no.8 (g) and 8 (h) concerning submission and approval of Network Schedule for the works, as detailed in Condition 8 (h). A fixed sum shall be held in abeyance at the time of next interim payment for non-attainment of each milestone in the network and shall be released only on attainment of the said milestone.
- v. An interim certificate given relating to work done or material delivered may be modified or corrected by a subsequent interim certificate or by the final certificate. No certificate of the Engineer supporting an interim payment shall of itself be conclusive evidence that any work or materials to which it relates is / are in accordance with the contract.

## **82 Banning/De-Registration of Agencies of Construction works in BMC**

- **The regulations regarding Demotion/ Suspension Banning for specific period or permanently / De-Registration shall be governed as per the respective condition in Contractor Registration Rules of BMC.**

### **83. JOINT VENTURE not allowed.**

### **84. Compensation for delay:**

If the Contractor fails to complete the works and clear the site on or before the Contract or extended date(s) / period(s) of completion, he shall, without prejudice to any other right or remedy of Municipal Corporation on account of such breach, pay as agreed compensation, amount calculated as stipulated below (or such smaller amount as may be fixed by the Engineer) on the contract value of the whole work or on the contract value of the time or group of items of work for which separate period of completion are given in the contract and of which completion is delayed for every week that the whole of the work of item or group of items of work concerned remains uncompleted, even though the contract as a whole be completed by the contract or the extended date of completion. For this purpose the term 'Contract Value' shall be the value of the work at Contract Rates as ordered including the value of all deviations ordered:

- Completion period for projects (originally stipulated or as extended) not exceeding 6 months : **to the extent of maximum 1 percent per week.**
- Completion period for projects (originally stipulated or as extended) exceeding 6 months and not exceeding 2 years: **to the extent of maximum ½ percent per week.**
- Completion period for projects (originally stipulated or as extended) exceeding 2 years : **to the extent of maximum ¼ percent per week.**

When the delay is not a full week or in multiple of a week but involves a fraction of a week the compensation payable for that fraction shall be proportional to the number of days involved.

Provided always that the total amount of compensation for delay to be paid this condition shall not exceed the under noted percentage of the Contract Value of the item or group of items of work for which a separate period of completion is given.

- i) Completion period (as originally stipulated or as extended) not exceeding 6 months: **10 percent.**
- ii) Completion period (as originally stipulated or as extended) exceeding 6 months and not exceeding 2 years : **7½ percent.**
- iii) Completion period (as originally stipulated or as extended) exceeding 2 years : **5 percent.**

The amount of compensation may be adjusted set off against any sum payable to the contractor under this or any other contract with the Municipal Corporation.

### **85. Action and Compensation Payable In Case Of Bad Work And Not Done As Per Specifications**

All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in-charge, his authorized subordinates in charge of the work and all the superior officers, officer of the Vigilance Department of the BMC or any organization engaged by the BMC for Quality Assurance and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-charge or his authorized subordinates in-charge of the work or to the officer of Vigilance Department, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description, or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within twelve months of the completion of the work from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of the failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 8.e. of the general condition of contract in section 9 of tender document (for Compensation for delay) for this default. In such case the Engineer-in Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the Engineer in charge may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

If the penalisation amount exceeds maximum limit with respect to Clause 8.e of Standard General Conditions of Contract, then a show cause notice shall necessarily be issued to the contract as to why the contract should not be terminated.

#### **86. Contractors remain liable to pay compensation:**

In any case in which any of the powers conferred upon the Engineer In-charge by the **relevant clauses** in documents that form a part of contract as exercised or is exercisable in the event of any future case of default by the Contractor, he is declared liable to pay compensation amounting to the whole of his security deposit. The liability of the Contractor for past and future compensation shall remain unaffected.

In the event of the Executive Engineer taking action against these **relevant clauses**, he may, if he so desires, take possession of all or any tools and plant, materials and stores in or upon the work of site thereof or belonging to the Contractor or procured by him and intended to be used for the execution of the work or any part thereof paying or allowing for the same in account at the contract rates, or in the case of contract rates not being applicable at current market rates to be certified by the Executive Engineer, may after giving notice in writing to the Contractor or his staff of the work or other authorized agent require him to remove such tools and plants, materials or stores from the premises within a time to be specified in such notice and in the event of the Contractor failing to comply with any such requisition, the Executive Engineer may remove them at the contractors expense or sell them by auction or private sell on account of the Contractor at his risk in all respects and certificate of the Executive Engineer as to the expense of any such removal and the amount of the proceeds an expense of any such sell be final and conclusive against the Contractor.

**87. No Claim to Any Payment or Compensation or Alteration In or Restriction of Work**

(a) If at any time after the execution of contract documents, the Engineer shall for any reason whatsoever, desires that the whole or any part of the works specified in the Tender should be suspended for any period or that the whole or part of the work should not be carried out, at all, he shall give to the Contractor a Notice in writing of such desire and upon the receipt of such notice, the Contractor shall forthwith suspend or stop the work wholly or in part as required after having due regard to the appropriate stage at which the work should be stopped or suspended so as not to cause any damage or injury the work already done or endanger the safety thereof, provided that the decision of the Engineer as to the stage at which the work or any part of it could be or could have been safely stopped or suspended shall be final and conclusive against the contractor.

The Contractor shall have no claim to any payment or compensation whatsoever by reason of or in pursuance of any notice as aforesaid, on account of any suspension, stoppage or curtailment except to the extent specified hereinafter.

(b) Where the total suspension of Work Order as aforesaid continued for a continuous period exceeding 90 days the contractor shall be at liberty to withdraw from the contractual obligations under the contract so far as it pertains to the unexecuted part of the work by giving 10 days prior notice in writing to the Engineer within 30 days of the expiry of the said period of 90 days, of such intention and requiring the Engineering to record the final measurement of the work already done and to pay final bill. Upon giving such Notice, the Contractor shall be deemed to have been discharged from his obligations to complete the remaining unexecuted work under his contract. On receipt of such notice the Engineer shall proceed to complete the measurement and make such payment as may be finally due to the contractor within a period of 90 days from the receipt of such Notice in respect of the work already done by the contractor. Such payment shall not in any manner prejudice the right of the contractor to any further compensation under the remaining provisions of this clause.

(c) Where the Engineer required to Contractor to suspend the work for a period in

excess of 30 days at any time or 60 days in the aggregate, the Contractor shall be entitled to apply to the Engineer within 30 days of the resumption of the work after such suspension for payment of compensation to the extent of pecuniary loss suffered by him in respect of working machinery remained ideal on the site of on the account of his having an to pay the salary of wages and labour engaged by him during the said period of suspension provided always that the contractor shall not be entitled to any claim in respect of any such working machinery, salary or wages for the first 30 days whether consecutive or in the aggregate or such suspension or in respect of any such suspension whatsoever occasion by unsatisfactory work or any other default on his part, the decision of the Engineer in this regard shall be final and conclusive against the contractor.

**88. Contractor to supply plant, ladder, scaffolding, etc and is liable for damages arising from non provision of lights, fencing, etc.**

The Contractor shall supply at his own cost all material, plant, tools, appliances, implements, ladders, cordage, tackle scaffolding and temporary works requisite or proper for the proper execution of the work, whether, in the original altered or substituted form and whether included in the specification of other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Eng-In-Charge as to any matter as to which under these conditions is entitled to be satisfied, or which is entitled to require together with the carriage therefore to and from the work.

The Contractor shall also supply without charge, the requisite number of person with the means and materials necessary for the purpose of setting out works and counting, weighing and assisting in the measurements of examination at any time and from time to time of the work or materials, failing which the same may be provided by the Engineer In-charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract or from his security deposit or the proceeds of sale thereof, or offers sufficient portion thereof.

The contractor shall provide all necessary fencing and lights required to protect the public from accident and shall also be bound to bear the expenses of defence of every suit, action or other legal proceedings, that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit action or proceedings to any such person or which may with the consent of the contractor be paid for compromising any claim by any such person.

**89. Prevention of Fire :**

The contractor shall not set fire to any standing jungle, trees, brushwood or grass without a written permit from the Engineer In-charge. When such permit is given, and also in all cases when destroying cut or dug up trees brushwood, grass, etc., by fire, the contractor shall take necessary measure to prevent such fire spreading to or otherwise damaging surrounding property. The Contractor shall make his own arrangements for drinking water for the labour employed by him.

**90.** Compensation for all damages done intentionally or unintentionally by contractor's labour whether in or beyond the limits of BMC property including any damage caused by spreading the fire shall be estimated by the Engineer In-charge or such other officer as he may appoint and the estimate of the Engineer in-charge to the decision of the Dy. Chief Engineer on appeal shall be final and the contractor shall be bound to pay the amount of the assessed compensation on demand failing which the same will be recovered from the Contractor as damages or deducted by the Engineer In-charge from any sums that may be due or become due from BMC to contractor under this Contract or otherwise. Contractor shall bear the expenses of defending any action or other legal proceedings that may be brought to prevent the spread of fire and he shall pay any damages and costs that may be awarded by the Court in consequence.

**91.** In the case of Tender by partners, any change in the constitution of the firm shall be forthwith, notified by the contractor through the Engineer In-charge for his information.

**92. Action where no specifications:**

In the case of any class of work for which there is no such specifications, such works shall be carried out in accordance with the specifications and in the event of there being no such specifications, then in such case, the work shall be carried out in all respects in accordance with all instructions and requirements of the Engineer In-charge.

**93. Safety and medical help:**

(i) The Contractor shall be responsible for and shall pay the expenses of providing medical help to any workmen who may suffer a bodily injury as a result of an accident. If such expenses are incurred by BMC, the same shall be recoverable from the contractor forthwith and be included without prejudice to any other remedy of BMC from any amount due or that may become due to the Contractor.

(ii) The contractor shall provide necessary personal safety equipment and first-aid box for the use of persons employed on the site and shall maintain the same in condition suitable for immediate use at any time.

(iii) The workers shall be required to use the safety equipments so provided by the contractor and the contractor shall take adequate steps to ensure the proper use of equipments by those concerned.

(iv) When the work is carried on in proximity to any place where there is risk or drawing all necessary equipments shall be provided and kept ready for use and all necessary steps shall be taken for the prompt rescue of any person in danger.

**94.** No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land or in the case of clearance of works, on account of any delay in according to sanction of estimates.

**95. Anti-malaria and other health measures:**

Anti-Malaria and other health measures shall be taken as directed by the Executive Health Officer of BMC. Contractor shall see that mosquitogenic conditions are created so as to keep vector population to minimum level. Contractor shall carry out anti-malaria measures in the area as per the guidelines issued by the Executive Health Officer of BMC from time to time.

In case of default, in carrying out prescribed anti-malaria measures resulting in increase in malaria incidence, contractor shall be liable to pay BMC on anti-malaria measures to control the situation in addition to fine.

## बृहन्मुंबई महानगरपालिका विधी खाते

परिपत्रक क्र. २६२०६ दि. ३१.०८.२०२३

विषय - कंत्राट करार करण्यासाठी वसूल करावयाचे विधी आकार (Legal charges) व लेखनसाहित्य आकार (Stationery charges)

संदर्भ - १. परिपत्रक क्र. १०५३९ दि. २८.०३.२०२३  
२. एमजीसी/एफ/५३४ दि. २८.०८.२०२३


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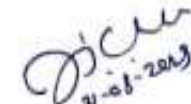
महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणा-या निविदांसंदर्भात लेखी करार करताना पक्षकाराकडून एकत्रितरित्या आकारावयाच्या विधी आकार व लेखनसाहित्य आकाराची उपरोक्त संदर्भित क्र. १ वरील परिपत्रकानुसार दि. ०१.०४.२०२३ पासून आकारणी करण्यात आलेली आहे.

तथापि महानगरपालिका आयुक्त यांच्या संदर्भ क्र. २ च्या मंजूरीनुसार कंत्राट करार करण्यासाठी वसूल करावयाचे विधी आकार (Legal charges) व लेखनसाहित्य आकार (Stationery charges) यामध्ये सुधारणा करण्यात आली असून खालील तक्त्यामध्ये दर्शविल्याप्रमाणे दि.०१.०९.२०२३ पासून सुधारीत विधी व लेखनसाहित्य (एकत्रितरित्या) आकार विहित करण्यात आलेले आहेत.

अनु. क्र	कंत्राट किंमत	एकत्रितरित्या आकारावयाचे सुधारीत विधी व लेखन साहित्य आकार दि. ०१.०९.२०२३ पासून दि. ३१.०३.२०२४ पर्यंत
१	रु. ५०,०००/-	निरंक
२	रु. ५०,००१ ते रु. १,००,००,०००	कंत्राट किमतीच्या ०.१०% दराने (अशी येणारी रक्कम पुढील शंभराच्या पटीत परावर्तित करणे यासापेक्ष) अधिक १८% दराने वस्तू व सेवाकर ( किमान रु. १०००/- अधिक वस्तू व सेवाकर आणि कमाल रु. १००००/- अधिक वस्तू व सेवाकर )
३	रु. १,००,००,००१ ते रु. १०,००,००,०००/-	रु. १,००,००,०००/- पर्यंतच्या कंत्राट किमतीसाठी रु.१०,०००/- अधिक रु. १,००,००,०००/- पेक्षा जास्त रक्कमेवर ०.०५% दराने (अशी येणारी रक्कम पुढील शंभराच्या पटीत परावर्तित करणे यासापेक्ष) अधिक १८% दराने वस्तू व सेवाकर

4	रु. 10,00,00,001 ते पुढील कंत्राट किमतीसाठी	रु. 10,00,00,000/- पर्यंतच्या कंत्राट किमतीसाठी रु.55,000/- अधिक रु. 10,00,00,000/- पेक्षा जास्त रक्कमेवर 0.01% दराने (अथी येणारी रक्कम पुढील शंभरांच्या पटीत परावर्तित करणे यासापेक्ष) अधिक 18% दराने वस्तु व सेवाकर
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 ( शोभा अजितकुमार )  
 उप कायदा अधिकारी  
 (हस्तांतरण -2)  
 दि. 31/8/23

  
 ( संदिप मो. पाटील )  
 संयुक्त कायदा अधिकारी (प्र.)  
 (शहर दिवाणी न्यायालय)  
 दि. 31/8/23

  
 ( सुनिल सोनवणे )  
 कायदा अधिकारी  
 विधि खाते

**SECTION 10**  
**SPECIFICATIONS & SELECTION OF**  
**MATERIAL**

## **SPECIFICATIONS & SELECTION OF MATERIAL**

The tender is prepared on the basis of Unified Schedule of Rates and specifications 2018. The specifications of the items of USOR are available on BMC portal <http://portal.mcgm.gov.in> under the Tender tab. Hence the deserving contractor shall either download the same from BMC portal or the same may be collected in the soft copy format at the time of purchasing the tender from this office.

### **SELECTION OF MATERIAL**

1. All materials brought on the site of work and meant to be used in the same, shall be the best of their respective kinds and to the approval of the Engineer. The Engineer or his representative will accept that the materials are really the best of their kinds, when it is proved beyond doubt that no better materials of the particular kind in question are available in the market.
2. The contractor shall obtain the approval of the Engineer of samples of all materials to be used in the works and shall deposit these samples with him before placing an order for the materials with the suppliers. The materials brought on the works shall conform in every respect to their approved samples. Fresh samples shall be deposited with the Engineer when- ever the type or source of any material changes.
3. The contractor shall check each fresh consignment of materials as it is brought to the site of works to see that they conform in all respects to the Specifications of the samples approved by the Engineer, or both.
4. The Engineer will have the option to have any of the materials tested to find out whether they are in accordance with the Specifications and the Contractor will bear all expenses for such testing. All bills, vouchers and test certificates, which in the opinion of the Engineer or his representative are necessary to convince him as to the quality of the materials or their suitability shall be produced for his inspection when required.
5. Any materials that have not been found to conform to the specifications will be rejected forthwith and shall be removed from the site by the contractor at his own cost within 24 hours.
6. The Engineer shall have power to cause the Contractors to purchase and use such materials from any particular source, as may in his opinion be necessary for the proper execution of the work.
7. Notwithstanding the source, the sand shall be washed using sand washing machine before use.

## SPECIFICATIONS FOR STRUCTURAL STEEL WORK

### 1. **General**

This specification covers the supply, fabrication and erection/launching of structural steel work in general.

Fabrication and approval of steel structures shall be in compliance with:

1. The specifications and relevant standards and codes as listed under and related drawings.
2. All fabrication drawings and supplementary drawings to be supplied by the Contractor prior to execution of the work and duly approved by the Engineer.

In case of any conflict between the clauses mentioned hereunder and the Indian Standards, those expressed in the specification shall prevail.

### 2. **Scope**

The fabrication and erection/launching of the steel work consist of accomplishing all jobs herein enumerated including providing all labour, tools, tackle and plant, machinery, all materials and consumables such as welding electrodes, bolts and nuts, oxygen and acetylene gases, oils for cleaning etc of approved quality. The work shall be executed by an approved specialist agency experienced in the work and according to the drawings and specifications.

The contractor will be required to fabricate the structure to the extent possible (in transportable length and volume) in approved fabrication work shop.

### 3. **Applicable Codes and Specifications**

The following specifications, standards and codes of latest version at the time of execution shall be made a part of this specification. All standards, specifications, codes of practice referred to herein shall be of latest editions including all applicable official amendments and revisions. Only the codes relevant to present work out of the list mentioned below shall be applicable. Any additional pertinent code, if required shall be used with prior permission of Engineer in charge.

<b>Indian Standard codes</b>			
i)	IS : 2062	-	Steel for general structural purposes – specs (super cedes IS: 226)
ii)	IS : 1363	-	Black Hexagonal Bolts, Nuts and Lock Nuts (diameter 6 to 39mm) and black hexagonal screw (diameter 6 to 24mm) of product Grade C.
iii)	IS : 1364	-	Hexagonal head bolts, screws (M16 to M64).
iv)	IS : 3757 IS : 6623	-	Specs for high strength structural bolts nuts.
v)	IS : 2016 IS : 6639	- -	Specs for plain washers Hexagon bolts for steel structures
vi)	IS : 814	-	Specifications for covered Electrodes for Metal Arc Welding of carbon and carbon manganese steel – specs.
vii)	IS : 800	-	Code of Practice for General Construction in steel.
viii)	IS : 816	-	Code of Practice for use of Metal Arc Welding for General Construction in mild steel specs for filler rods for gas welding.
ix)	IS : 1278 IS : 6419	-	Welding rods and bars electrodes for gas shielded are welding of Structural steel.
x)	IS : 9595	-	Metal Arc Welding of Carbon and Carbon Manganese steel – recommendations.
xi)	IS : 4353	-	Recommendations for Submerged Arc welding of Mild Steel and Low Alloy Steel.
xii)	IS : 7280	-	Specs for base wire electrodes for submerged arc welding of structural steels.
xiii)	IS : 817	-	Code of practice for training and testing of metal arc welders.
xiv)	IS : 7318 Part – I	-	Approval test for welders when welding procedure approval in not required.
xv)	IS : 1182	-	Recommended Practice for Radiographic Examination of fusion Welded Butt Joints in steel Plates.
xvi)	IS : 2595	-	Code of practice for Radiographic testing.

xvii)	IS : 4260	-	Recommended practice for ultra-sonic testing for butt welds in ferritic steels.
xviii)	IS : 3658	-	Codes of Practice for Liquid penetrate Flaw Detection.
xix)	IS : 1477	-	Code of Practice for painting of Ferrous (Part 1 & 2) Metals in building.
xx)	IS : 2074	-	Ready Mix Paint, air drying, red oxide zinc chrome, priming specifications.
xxi)	IS : 1852	-	Specifications for Rolling and Cutting Tolerances for Hot rolled steel Products.
xxii)	IS : 806	-	Code of Practice for use of steel tubes in General Building Construction.
xxiii)	IS : 1161	-	Specifications for Steel Tubes for Structural purposes.
xxiv)	IS : 7215	-	Tolerances for fabrication of steel structures.
xxv)	IS : 822	-	Code of procedures for inspection of welding.
xxvi)	IS : 801	-	Code of practice for use of cold – formed light gauge steel structural member's in general building construction.
xxvii)	IS : 1599	-	Method for bend test.
xxviii)	IS : 1608	-	Mechanical testing of metals: Tensile Test.
xxix)	IS : 7205	-	Safety Code for erection of structural steel work.
xxx)	IS : 7307	-	Approval tests for welding procedures – fusion welding of steel.
IRC Codes			
xxxii)	IRC-6	-	Code of practice for Road bridges-section-II
xxxiii)	IRC-112	-	Code of practice for Concrete Road bridges
xxxiv)	IRC-24	-	Code of practice for Road bridges-section-V
xxxv)	IRC-78	-	Code of practice for Road bridges-section I-V

xxxv)	IRC-83	-	Code of practice for Bearings- Part-III
IRS Codes			
xxxvi)	IRS Steel Bridge Code	-	For construction of Steel bridges
xxxvii)	BS-110,	-	Guidelines on fabrication of steel girders for construction/field engineers
xxxviii)	BS-112	-	Guidelines for Planning of Road Over Bridges

### 3. **General Specifications**

1. The requirements set forth in Relevant IS codes for the design, fabrication and erection of structural steel shall govern this work, except as otherwise noted on the drawings or as otherwise specified.
2. In cases of conflict between clauses of this specification and those in the Indian Standards, this specification shall govern.
3. Substitutions of sections or modifications of details or both shall be made only when approved, in writing, by the Engineer in charge. The contractor shall be responsible for all errors of fabrication, and for the correct fittings of the structural members shown on the drawings.

### 4. **Materials**

All materials shall be new and shall conform to the irrespective specifications as specified. The use of equivalent or higher grade or alternative materials will be considered only in very special cases subject to the approval of the Engineer / competent authority.

#### 1. **Steel**

Structural steel shall conform to IS:2062–grade–A(weldable quality) unless specified otherwise  
Carbon steel pipes shall confirm to IS: 1161 of grade YST – 24 or higher as per requirement of structural design.

#### 2. **Black Bolts and Nuts**

Black bolts, nuts and screws shall be in accordance with IS: 1363, 1364, 1367, 3757, 6623, and 6639 – as applicable.

#### 3. **Washers**

Washers shall confirm to IS: 2016 or any other relevant IS codes.

#### 4. **Welding electrodes**

Covered electrodes for metal arc welding shall confirm to IS: 814, IS: 7280 for bare electrodes for submerged arc welding or IS: 1278 for filler rods and wires for gas welding or any other relevant codes.

#### 1. **Receipt and Storing of Materials**

Storage of Materials:

Approved material conforming to IS and Specification shall be procured by the Contractor as per schedule. Storing yards shall have hard grounds and should be well drained. Steel shall be stored on raised platform in these yards. Yards shall be maintained clean so as to avoid any contamination due to dust, mud, oil, grease etc. Scrap and full-length steel shall be stacked separately. Further each type

/ categories of steel shall be stacked appropriately.

All sections shall be checked on receipt to ensure that they are free from surface defects as pitting, twists, cracks and laminations. They shall be arranged by grade and quality and by lot. Every section shall be marked to aid identification and the manufacturer's certificate for every lot giving details of chemical analysis and mechanical characteristics shall be kept in record.

Welding wires and electrodes shall be segregated by quality and lots and stored inside a dry, enclosed room as per recommendations of IS: 9595. All care shall be taken to keep the electrodes in perfectly dry condition to ensure weld metal soundness and satisfactory operations manufacturer's certificates for electrodes shall also be made available.

Bolts, nuts and washers shall be sorted out by grade, type and diameter and the manufacturer's quality/ test certificate shall be maintained for record purpose.

#### 8. Quality Certificate of Materials

The contractor shall produce manufacturer's test certificate of the material. Notwithstanding, the manufacturer's test certificate the EIC may ask for testing of material in approved test labs. The test result shall satisfy the requirement of relevant Indian Standards.

Whenever quality certificate are missing or incomplete or when material quality differs from standard specifications, the Contractor shall conduct all appropriate tests as directed by the Engineer at his own cost.

#### 9. Shop / Fabrication Drawings

The Contractor shall prepare all fabrication drawings on the basis of the design and submit four copies to the Engineer – in – Charge, well in advance to commencement of work, for approval and Comments of Client / Employer and design consultant, if any on the same. The Contractor shall fabricate all the structural steel work strictly conforming to the specifications and approved fabrication drawings.

Fabrication drawings shall include the following:

1. Member sizes and details
2. Types and dimensions of welds and bolts.
3. Shapes and sizes of edge preparation for welding
4. Details of shop and field joints included in the assemblies
5. Bill of Materials.
6. Quality of structural steel, welding electrodes, bolts, nuts and washers, etc. to be used
7. Erection assemblies, identifying all transportable parts and sub – assemblies, associated with special instructions, if required showing part marks and erection marks.
8. Calculations where asked for approval.

#### 9. Method of erection and Special precautions to be taken during erection.

Issue of fabrication and erection drawings by consultants or review of drawings by Client / Employer / Consultant shall in no way relieve the contractor of his responsibilities for correctness in the execution of the work and the contractor shall be required to modify / rectify the structure at any stage of the work to rectify any mistake/omission in the fabrication drawing and the fabrication based on this drawing or that the work does not conform to good engineering practices such modifications / rectification shall be made at no extra cost.

The contractor is required to update the fabrication drawings to include revisions made in design drawings during the course of work at no extra cost. The contractor shall also supply two prints of as built drawings, along with their soft copies and transparencies at no extra cost.

#### 4. Workmanship

The workmanship shall be equal to the Standard practice followed in modern structural shop. All works shall be adequately supervised and care shall be taken to ensure that the structural members remaining proper position. All similar parts shall be manufactured accurately so that the same could be interchanged with other parts having same identification marks. Accuracy shall be maintained during fabrication to ensure that all parts fit together properly during erection.

##### 1. Fabrication

1. All fabrication shall be preferably done in full – fledged workshop. However, contractor may be allowed to fabricate the structural element at his workshop nearby and transport the same to the site. This is to be done with prior approval of Engineer in Charge.
2. All fabrication shall be done as per specifications, IS:800,IS:9595 and drawings approved as “Good for Construction”. In RDSO approved fabrication Plant only subject to approval of Engineer in charge.
3. Fabrications shall also be understood to include building panel elements either by welding plates to a rolled section, a combination of rolled sections with plates or a section built up entirely with plates, tubes / pipes / hollow sections.
4. The contractor shall prior to starting any fabrication ensures that the fabrication yard is leveled on firm enough to take weight of structures and equipment.

1. Any defective fabrication or material pointed out at any stage shall be replaced by the contractor free of cost.

2. All the fabricated and delivered items shall be suitably packed and protected from any damage during transportation and handling. Any damage caused at any time shall be made good by the Contractor at his own cost.

3. In general, tolerance for fabrication shall be as per IS:7215.

10. Preparation of Materials / Fabrication procedures

1. Straightening

All materials shall be clean, reasonably straight and free from twists. If straightening or flattening is necessary, it shall be done in a manner that will not damage the material. The specified camber wherever necessary shall be provided.

2. Marking

Marking of members shall be made on horizontal pads or on appropriate racks or supports in order to ensure horizontal and straight placement of such members.

3. Clearance

The erection clearance for members having end cleats or plates shall not be more than 2 mm at each end, whereas for other types of end connections it shall not be more than 3 mm at each end. If for any reason a greater end clearance is required, suitable seating shall be provided.

4. Templates

Templates used shall be of steel. In case where actual parts have been used as templates for drilling similar pieces, the Engineer – in – Charge shall decide whether they are fit to be used.

5. Cutting

Machine cutting, flame cutting and planning:

Machine cutting or flame cutting may be allowed to use provided, a mechanically controlled cutting torch is used for the flame-cutting and the resulting edge is reasonably clean and straight. Cut members shall be free from distortion at cut edges. When gas cutting is adopted, the flame cut edges shall be machined to a depth of 3 to 5 mm depending on the thickness of the member.

Chipping of angles, flanges and edges of plates wherever necessary, shall be done without damaging the parent material. Chipped edges shall be grinded to an eat finish and sharp corners and hammered rough faces shall be rounded off.

Edge preparation for welding may be done by machine-controlled flame cutting with edges free of burns, clean and straight.

The butting surfaces at all joints shall be planned so as to butt in close contact throughout the finished joint.

All flame – cut edges shall be planned, unless they are clean, square and true to shape.

6. Drilling /Holing

Holes for bolts shall be drilled. All holes, except as stated hereunder, shall be drilled to the required size or sub-punched 3mm less in diameter and reamed thereafter to the required size. Thickness of the materials for sub-punching shall not be greater than 16 mm. All matching holes for bolts shall register with each other so that a gauge of 0.8 mm less in diameter than the diameter of the hole can pass freely through the members assembled for bolting in the direction at right angle to such members. All holes for turned and fitted bolts shall be drilled undersize by one mm and after assembly, reamed to a tolerance of +0.13mm / - 0.00mm unless otherwise specified.

No holes shall be made by gas cutting process.

#### 7. Bending

Cold bending of plates, flats, tubes / pipes and sections shall be carried out on bending rolls or in presses. The methodology for bending along with mock up shall be got approved from Engineer – in – Charge. In exceptional cases hot bending may be allowed by EIC for higher diameter pipes provided cold bending is not possible.

Appropriate bending method shall be adopted, so as to avoid wrinkles on surface or distortion of pipe section etc. If required suitable filler materials shall be used for equitable stress distribution during bending.

Accuracy of bending operations shall be checked by means of templates and the clearance between member and template shall be decided by EIC based on the mock-up and good Engineering practice. Bend member shall not have cracks wrinkles or deep indentations from bending equipment.

#### 8. Assembly

All parts of bolted and welded members shall be held firmly in position by means of jigs or clamps while bolting or welding. No drifting of holes shall be permitted except to draw the parts together and no drift shall be larger than the nominal diameter of bolt. Drifting carried out during assembly shall not distort the metal or enlarge the holes.

Trial assemblies shall be carried out at the fabrication stage to ensure accuracy of workmanship. These checks shall be witnessed by the Engineer – in – Charge.

#### 9. Bolting

Bolts shall be grade Class 10.9 (Class Ten point nine). All turned and fitted bolts shall be parallel throughout the barrel within the tolerance of 0.125mm unless otherwise specified and faces of heads and nuts bearing on steel work shall be machined.

All such bolts shall be provided with washers not less than 3mm thick, so that when the nut is tightened, it shall not bear the unthreaded body of the bolt and the threaded portion of the bolt should not be within the thickness of the parts bolted together. The threaded portion of each bolt shall

project through the nut by at least one thread. Square tapered washers shall be provided for all heads and nuts bearing on leveled surface. Flat washers shall be circular in shape nuts and washers etc. shall be thoroughly cleaned and dipped in lin seed oil.

#### 10. Preparation of Member for Bolting

The member shall be assembled for bolting with proper jigs and fixtures to sustain the assemblies without deformation and bending. Before assembly all sharp edges, rust, dirt etc. shall be removed. Before assembly the surfaces in contact of the member shall be cleaned.

#### 11. Welding

##### 1. General

Welding of steel shall be in accordance with IS: 800, IS : 816, IS : 817, IS : 4353, IS : 1223 and IS : 9595 as applicable. Welds shall be made by qualified welders. A Welder shall produce satisfactory evidence of his ability to do a given type of work and shall prove his ability to product a connection of the strength required. Evidence of welder's qualification tests shall be produced if required by the Engineer – in – Charge. Engineer – in – Charge may reject any welder found not suitable during actual work. In general, the welders qualification shall be carried out as per ASME

– Section IX / IS: 817.

Welding wire and electrodes shall be stored separately by quantities and lots inside a dry and enclosed room and as per instruction given by the Engineer in Charge. Material shall be perfectly dry and drawn from an electrode oven, if required.

Both the structural members and the welding operators shall be adequately protected from rain, strong windsors now during welding. The Contractor shall provide necessary supervision to ensure that all welding carried out in conformity with the specification and relevant IS codes. The contractor shall make all necessary infrastructures available such as requisite number of welding sets, cutting and grinding equipment, test equipment and all consumables as required.

##### 2. Preparation of Members for Welding

Edge preparation of fusion faces for welding shall be carried out as per details given in IS:9595 or as shown in drawings. All tolerances for such weld shall be as per IS :9595.

Surfaces to be welded shall be cleared to ensure that they are free from loose scales, slag, rust, grease, paint and other foreign matter, and shall be maintained.

Preheating of members shall be necessary when the base metal temperature (based on ambient temperature) is less than the temperature required for that welding procedure. Preheating shall generally be carried out for members having thickness more than 20mm. The preheating shall be done in such a manner that the part on which weld metal is to be deposited is above the specified

temperature shall be measured on the face opposite to the face being heated. In case access is limited to only the face being heated, the Source of heat shall be removed and sufficient time allowed elapsing for heat equalization prior to measurement. (1 minute per 25mm of Plate thickness).

Column splices and butt joints of compression members shall be accurately ground and close butted over the entire section to ensure full contact for load transmission. The tolerance for such work shall be maximum 0.2 mm. In the case of column bases and caps the ends of the section along with connected gussets, stiffeners, angles, channels etc. shall be ground so as to ensure a minimum contact area of 90%. The fining of angles and channels should be sufficiently accurate to limit the reduction in thickness on account of grinding to 2mm. The ends of bearings stiffeners shall be ground so as to fit tightly at top and bottom. Slab bases and cap plates shall be accurately ground over bearing surfaces to ensure minimum 90% contact area with columns.

### 3. Welding electrodes

Covered electrodes for metal arc shall conform to IS : 814, IS : 7280 for bare electrodes for submerged arc welding or IS : 1278 for filler rods and wires for gas welding or any other relevant codes.

### 4. Welding Plant

Welding plant shall be capable of maintaining the voltage and current specified by the manufacturer of the electrodes. The contractor shall supply instruments for verifying the voltage and current as and when required by the Engineer.

When an automatic process of welding is adopted, the deposited metal must have mechanical properties equal to those obtained by the use electrodes complying with IS : 814 or any other relevant code.

### 5. Manual Welding

Manual welding shall be carried out by qualified welders equipped with plant suitable for the purpose. All welders shall be qualified in accordance with IS : 817 / ASME Section IX and details of such qualification shall be submitted to the Engineer.

### 6. Welding Processes

Any one or more of the following welding processes may be used.

1. Manual Metal Arc Welding process.
2. Submerged Arc Welding process.
3. Gas Metal Arc Welding process.

The contractor shall submit the welding procedure and the consumables proposed to be used to the Engineer-in-Charge for approval. Combination of processes or electrodes may be permitted only with the specific approval of the Engineer – in –Charge.

## 1. Approval and Testing of Welding Procedures

Before welding of any of the permanent works is carried out, the contractor shall furnish details of welding procedure for each welding operation.

Welding trials shall be carried out and completed on representative samples of the materials before the start of fabrication, as directed by the Engineer.

Welding trials are intended to establish welding procedure prior to the commencement of fabrication and for this purpose assemblies shall be made from plate or section cuttings large enough to simulate the joints elected for trial. The trial shall be representative of actual fabrication conditions including:

1. Preparation and fit-up.
2. Preheat.
3. Welding position
4. Restraint (so far as is practicable)

Welding trials on material 20 mm thick will be taken to include all materials under 20 mm thick and trials on materials 50mm thick. The trials shall include specimen weld details from the actual construction which shall be welded in a manners imulating the most unfavorable instances off it-up and preparation which it is expected will occur in the particular fabrication.

After welding, the specimen shall be allowed to cool naturally to ambient temperature. It shall be left for 72 hours and thereafter, it shall be sectioned and examined for cracking.

Testing shall be carried out in accordance with IS : 7307 (Part – I) as directed by the Engineer.

Approval of any welding procedure shall not relieve the contractor of his responsibility for correct welding procedure to be followed and for minimizing the distortion in the finished structure.

#### 1. Sequence of Welding

1. The direction of welding shall be horn points relatively fixed with respect to each other towards points having more flexibility.
2. Welding shall be carded out continuously to completion with the required number of runs.
3. For compound section splices, each component part shall be spliced prior to welding with other component parts.
4. Welds shall progress in a sequence that will balance the applied heat so as to reduce distortion.
5. Joints having more shrinkage shall be welded prior to joints having less shrinkage.
6. The sequence causing minimum distortion or shrinkage shall be chosen.

#### 1. Welding Technique

The fusion faces shall be properly aligned and the gap set to the distance specified. The root pass of

butt joint shall be done such that full penetration is achieved as also complete fusion of root edges. On completing each run the weld and the parent metal shall be cleared by wire brushing and light chipping to remove all slag and splatters. Visible defects, if any such as cracks, cavities etc. shall be removed to sound metal prior to depositing subsequent run of weld.

All full penetration butt weld shall be completed by gouging / chipping the back of the joint and depositing a seal run of weld metal. Alternatively, a backing strip shall be provided.

All care shall be taken to prevent any kind of movement, shock or vibration of components during welding to prevent weld cracks.

Low hydrogen electrodes shall be used for all welding of girders with thickness of plates equal to or more than 20mm.

## 2. Workmanship of welding

The general welding programme for shop and site welds, including particulars of the preparation of fusion faces, pre-heating where required and method of making welds shall be submitted in writing to the Engineer for approval before the work is put in hand. No departure from the welding programme shall be made without the prior approval of the Engineer.

In the fabrication of built up assemblies all butt welds in each component part shall be completed before the final assembly. Wherever practicable, clamps, magnets, holding devices or other setting-up fixtures shall be used in assembling parts of the structures so as to avoid tack welding as far as possible.

In fit-up where clamps cannot be used, spacer strips shall be used to ensure the correct root gap.

Where tack welds are used, they shall be of the same quality and size as the first run of main weld. All tack welds shall be cleaned and ground to sound material prior to welding of the root pass. The main weld shall fuse completely with the end of the tack weld to form a regular profile. Where preheat is required for the main welds, the tack welds shall be made under the same heat conditions. The indiscriminate use of tack welds during assembly shall be avoided.

All welds shall be visually inspected. Cracked or badly formed welds shall be cut out to the approval of the Engineer before re-welding them.

As far as practicable, all welding shall be carried out in the down hand position.

Where structural steel work is painted before fabrication or erection, the metal surface within 75mm of any weld shall be coated with primer only.

## 7. Weld Inspection

All facilities for stage inspection during welding and on completion shall be provided by contractor.

All testing shall be as per IS: 822 and the extent of inspection and testing shall be in conformity with the relevant or as directed by Engineer in Charge. The contractor shall extend all facility required to inspect all stages of fabrication and erection including welding procedure qualification. No painting

of welds shall be undertaken prior to inspection and approval. All the tests required to be carried out shall be paid for by the contractor.

One or more of the following methods will be applied for the inspection and testing of welds. The various types of tests shall be:

#### 1. Visual Inspection

100% welds shall be visually inspected to ascertain absence of the following defects. Suitable magnifying glass may be used for inspection.

1. Surface cracks in weld or parent metal, or undercut, burning, overheating of parent metal. ii. Blow holes, exposed porosity in the weld or infused welds.

1. Defects in the profile such as excessive convexity or concavity, unequal leg lengths, incompletely filled grooves excessive penetration beds, root grooves etc.

2. Distortion due to welding and misalignment.

#### 3. Mechanical Tests

Tensile load test, bend test, impact test etc. shall be carried out as per the standards.

#### 4. Other tests.

1. Ultrasonic test for detection of internal flows in welds shall be carried out as per IS-4260.

12. Liquid Penetrant Test (LPI) shall be carried out for inspection of surface defects in the welds per IS 3658.

#### 1. Repairs of Welds

Welds not meeting the requirements of the specification and IS codes shall be removed and replaced.

Repairs to defective welds shall be carried out only after the repair procedure submitted is approved by the Engineer – in – charge.

#### 2. Splicing

In compound sections, splicing of components shall be staggered with respect to each other by a minimum of 500mm. When two parts of a component are not butt welded to each other, the opposing ends at a joint shall be ground flush for bearing and suitable flange and web splice plates shall be designed to cater for the full strength of the flange / web of the sections.

In case full strength butt weld is used to connect opposing ends at a joint, additional flange and web splice plates shall be provided capable of carrying 20% strength of the flange and web.

#### 1. Shop Erection

The steel work shall be temporarily erected in the shop to determine the accuracy of the fit. The extent of erection shall be either complete or as directed by Engineer in charge.

## 2. General Inspections and Testing of Structures

Materials and workmanship at all times shall be subject to inspection by the Client / Employer. All inspection as far as possible shall be made at the place of fabrication and the contractor shall cooperate with the Client / Employer Inspector and permit access for inspection to all places where work is being done. The contractor shall supply all necessary gauges and templates necessary for inspection. However, such inspection shall not relieve the contractor of his responsibility to furnish satisfactory work.

Materials of workmanship, not conforming to provisions of the specifications may be rejected at any time when defects are found during the progress of work.

The contractor shall obtain approval from the Engineer-in-charge of all fabricated items prior to commencement of their erection. However, any such approval shall not absolve the contractor from his responsibility of correctness and workmanship of the entire work.

## 3. Packaging and Transportation

Loading and transportation shall be done in accordance with transport rules prevailing at that location. Items shall be packed to protect them from damage/distortion. Small parts shall be wired to their main members. Loose item such as bolts, nuts and washers shall be packed in crates/bags.

## 4. Erections/Launching

### 1. General

Erection of structural steel work shall be carried out in accordance with the relevant IS code in conformity with the drawings and specifications in an expeditious manner.

The suitability and capacity of all plant, machinery, equipment etc. used for erection shall be to the satisfaction of the Engineer.

### 2. Scope of erection work

The contractor shall provide all construction material and equipment, transport facilities, tools, tackles, consumables, labour, supervision for erection, including carrying out the following:

Receiving, unloading, checking and moving into the storage facility at site, as outlined under General Conditions of contract inclusive of attending to all insurance matters in respect of materials arriving at site.

Transporting from site, storage, handling, rigging, assembling, riveting, bolting, welding, and installation of all fabricated materials in proper location according to drawings or as directed by the Engineer.

Checking center lines, levels of all foundations blocks including checking line and level, position and plumb of all bolts and pockets. Any defects observed in the foundation shall be brought to the notice of the Engineer. The contractor shall satisfy himself regarding the correctness of the foundations before installing the fabricated structures on the foundation blocks. Aligning, levelling, riveting,

bolting, welding, fixing in position of fabricated materials shall be done in accordance with drawings or as directed by the Engineer.

Supply of all required consumables, construction and erection materials, including but not limited to gauges, welding/brazing, rods, electrodes and wires, oxygen, acetylene, fuel, bolts, nuts, rivets, shims and temporary supports etc. as required for the incidental works and for the completion of erection.

Erection/Launching shall also include the following work:

5. All minor modification such as:
6. Removal of bends, kinks, twists etc. of parts damaged during transport and handling. XIII. Cutting, chipping, filling, grinding etc. for preparation and finishing of site connections.
  1. Reaming for use of the next higher size of rivet or bolt for holes which do not register or which are found to be damaged.
  2. Welding of connections in place of riveting or bolting for which holes are either not drilled or wrongly drilled during fabrication.
13. The following shall be considered as a legitimate part of erection work:
14. Re-fabrication work in respect of parts damaged beyond repair during transport and handling or in respect of those that are incorrectly fabricated.
15. Fabrication of parts omitted during fabrication due to an error, or subsequently found to be essential.
16. Plug-welding and re-drilling of holes which do not register and which cannot be reamed for the use of next size of rivet or bolt.
11. Drilling of holes which are either not drilled at all or are drilled in incorrect positions during fabrication.

#### 1. Erection/Launching scheme and Drawings

The approved erection drawings and any approved arrangement drawings, specifications or instructions accompanying them shall be followed while erecting the structural steel work. Erection drawings for structural steel work shall be prepared by the contractor and shall consist of line diagrams showing every member in position with the respective erection mark.

Erection marks shall appear on the structural steel members as detailed and all steelwork shall be erected with the marks in the same relative position as shown on the plan or elevation.

Any discrepancy between and specifications shall be brought to the attention of the Engineer in Charge for obtaining his decision.

#### 2. Storing and Handling of Material

The fabricated materials shall be carefully unloaded at site, examined for defects, checked, sorted out and stacked properly above the ground level, to be kept clean and properly drained. The handling and storing of the component parts of a structure shall involve the use of method and alliances not likely to produce injury by twisting, bending or otherwise deforming the metal. No members lightly bent or twisted shall be put in place until the defects are corrected.

All small bends or twists detected in members shall be rectified before such members are put in place. Any serious bends or defects shall be reported at once to the Engineer. The straightening of bent edges of plates, angles and other shapes shall be done by methods not likely to produce fracture or other injury. Following the completion of the straightening of a bend or buckle, the surface of the metal shall be carefully inspected by the contractor for evidence of incipient or any other type of fractures. The contractor shall report to the Engineer about the presence of such evidence and act according to his instructions.

## 1. Setting Out

The contractor shall be responsible for checking the alignment and levels of foundations, correctness of foundation-bolt centers, their projected height above the foundation tops, the length of threading provided and the provision and fitment of nuts for the foundation bolts. These shall be checked well in advance of starting the erection work and the contractor shall be responsible for any consequences for non-compliance thereof. Discrepancies, if any, shall immediately be brought to the notice of the Engineer for his advice.

One set of reference axe sand one Benchmark level will be furnished to the contractor. These shall be used by him for the setting out operation.

The contractor shall assume full responsibility for the correct setting out of all steelwork and erecting it correctly as per the alignment and levels shown on the drawings and for the verticality of members. Notwithstanding any assistance rendered to the contractor by the Engineer, if at any time during the progress of the work any error should appear or arise therein, the contractor shall remove and amend the work to the satisfaction of the Engineer, at his own cost.

## 2. Assembly and Erection

Before the commencement of structural steel work, the contractor shall submit a schedule of operations, detailing the erection procedures to be followed. The schedule shall include provisions for any temporary bracing that may be considered necessary during the erection.

During the erection of a structure, the steel work shall be securely bolted or otherwise fastened and if necessary temporarily braced, so as to make adequate provision for all erection stresses and conditions, including those due to erection equipment and its operation. Such temporary bracing shall be maintained in position until the erection work is sufficiently advanced and it is ascertained that the bracing provided is no longer required.

Connections for temporary bracing and additional holes, members or cleats used to facilitate handling or erection, shall be provided in a manner which does not weaken the steelwork already erected.

The alignment of each portion of the structure shall be carried out progressively, soon after that portion is erected. Permanent connections shall not be made until proper alignment has been obtained and a sufficiently large portion of the structure has been erected and temporarily connected so as to ensure that the members thus connected shall not be overstressed or displaced during the progressive alignment of the remainder of the structure.

### 3. Tolerances

Erection tolerances shall be provided strictly in accordance with the requirements of IS: 7215.

### 4. Field Connections

#### 5. Field Bolting

This shall be carried out with the same care as shop bolting.

#### 2. Field Welding

Field Welding after field assembly shall follow the same requirements as laid down for shop assembly and shop welding.

### 3. Grouting

Prior to erecting the steelwork over concrete pedestals, columns or brackets, the top of concrete shall be cleared with wire brushes, chipping and compressed air to remove all laitance and loose material and made thoroughly wet. The structural member shall then be erected aligned and plumbed with the base plates as shoe plates maintained as specified levels using shims / pack plates or wedges. After the structure is erected, formwork shall be done all around and the joints sealed to be water tight. The Grout under the base plates, including in pockets and sleeves shall be ordinary grout or non-shrink grout as specified in drawings. Non-shrink grout shall be of premix type and shall be prepared as per manufacturer's instruction; Non shrink grout shall be of quality and type approved by Engineer – in – charge.

The grout shall be poured in by grout a pump continuously from one side till the intervening space is filled completely and the grout is carried to the far side of base plate. The grout shall be spread with flexible steel strips and rammed with rods to ensure the gap is filled completely.

After the grout has sufficiently hardened the shims / pack / wedges which are accessible may be removed and anchor bolts tightened. The alignment of the structure shall be rechecked and the voids left by removal of the shims / pack plates / wedges shall be filled with a similar mix of grout. In case the structure is not properly aligned the grout shall be removed the structure re-aligned and grouting operation repeated.

## CONCRETE – REQUIREMENTS FOR DESIGN MIXES

### 1. Suitability of Proposed Design Mix Proportions

1. The Contractor shall submit for the Engineer's approval, prior to the supply of any design mix, the following information for each grade and type of concrete in the Contract in following manner.

EITHER

In cases where the Contractor proposes to use a continuing concrete source of an approved ready-mixed concrete source, evidence of satisfactory previous performances for target mean strength, workability and water/cement ratio in accordance with Clause 1704.2 of MORT&H Specifications.

OR

Full details of design and trial mixes as per Clause 1704.3 of MORT&H Specifications.

### 2. Design Mixes from a Continuing Source

When mixes have been proposed from a continuing source for which the necessary test results are available and for a batching installation which has been operated for a sufficient period (not less than 2 months) then the required cube strength results to be adopted shall meet the requirements given in Clause 1706.9

1. The mean strength calculated from 'n' cube results from separate batches of concrete shall exceed the specified characteristic strength by a margin equal to

$$1.64 \times SD (0.86 + 2/n)$$

Where: -

'SD' is the standard deviation from 'n' results but not less than 3N/mm<sup>2</sup>

'n' is the number of results not less than 10 and not greater than 100

When 'n' exceeds 100 the margin shall be calculated as 1.64 x SD.

2. Previous production data for use in the above criteria shall be 28 day cube test results from separate batches of concrete, sampled at random over an immediately prior period not exceeding one year, using those materials and plant which are proposed for the work.

### 3.0 Design Mixes from a New Source

For mixes proposed from a source which cannot satisfy the requirements of Clause 1704.2 above, the following procedure shall apply –

1. The Contractor shall supply the Engineer with the design details of the proposed mix, including any proposed admixtures. The design of the mix shall be by a recognized, documented design method.

2. A potential mix design shall first be subjected to preliminary testing on one batch. The mix proportions shall be adjusted to achieve the maximum density from available materials. If this preliminary batch achieves cube strengths which exceed the characteristic strength by an acceptable margin (an assessment based on 7 day strengths may be accepted) at the specified free water cement ratio and produces concrete of the required workability and even consistency, the mix may be prepared for trial mix analysis. If the batch fails the Contractor shall experiment with the mix proportions and submit another design.

3. That batches shall be prepared under strictly mentioned conditions in the presence of the Engineer Materials shall be typical of the prospect supply and special care must be taken in record aggregate moisture contents and to achieve the required free water content. These separate trial batches shall be made using the proposed design mix. The batches shall be determined and six cubes made from each batch, three cubes for testing at 28 days and a further time cubes for testing at 7 days as a quality control guide.

4. These requirements to perform trial mixes may be relaxed by the Engineer upon production of satisfactory evidence of trial mixes previously approved with the same materials used in the same proportions.

#### 1. **Acceptance**

The proposed mix design will be accepted provided:

1. The plastic properties are compatible with the requirements of the Contract having due regard to bleed capacity and minimum workability necessary to allow placing and compaction as specified with the requirement proposed in any situation. If bleeding occurs in a mix, it shall be assessed in accordance with ASTM C232 and where necessary the mix design or sad grading shall be adjusted to prevent recurrence.

2. The specified free water cement ratio (Table 17/4) is not exceeded.

3. The requirements of Clauses 1702.3, 1703.4, 1703.5, 1703.6, 1703.7 and 1703.8 are satisfied, in addition to :

The requirements of clause 1704.2 or For trial mixes the mean strength of the nine cubes tested at 28 days exceeds the specified characteristic strength by not less than 10 N/mm<sup>2</sup>. The range of individual cube strength shall not be more than 15% of the mean strength.

4. All constituent materials conform to the present specification. Any change in the mix proportions (except changes in cement content of not more than 20 kg/m<sup>3</sup>), alterations in source grading type or size of material shall be subject to the Engineer's prior approval.

**Method Statements**

Method statements shall be approved before any concrete is placed and any alteration in the source or quality or proportioning of any of the materials in the mix will necessitate a new method statement which must be submitted to the Engineer for his approval

**SECTION 11**  
**FRAUD AND CORRUPT PRACTICES**

## **FRAUD AND CORRUPT PRACTICES**

- The Applicants and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bidding Process. Notwithstanding anything to the contrary contained herein, the Authority may reject an application without being liable in any manner whatsoever to the Applicant if it determines that the Applicant has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bidding Process.
- Without prejudice to the rights of the Authority under relevant Clause hereinabove, if an Applicant is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bidding Process, such Applicant shall not be eligible to participate in any tender or RFQ issued by the Authority during a period of 2 (two) years from the date such Applicant is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case maybe.
- For the purposes of this Clause, the following terms shall have the meaning hereinafter respectively assigned to them:

**A. “corrupt practice”** means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to, or employing, or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly, with the Bidding Process or the LOA or has dealt with matters concerning the Concession Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Bidding Process);or

save and except as permitted under the relevant sub clause, engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOA or after the execution of the Concession Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Concession Agreement, who at any time has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project;

**B. “Fraudulent practice”** means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process.

**C. “Coercive practice”** means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the Bidding Process.

**D. “Undesirable practice”** means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and

**E. “Restrictive practice”** means forming a cartel or arriving at any understanding or arrangement among Applicants with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

**F.** If the Employer/Financier determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Employer may, after giving 14 days’ notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of relevant Clause shall apply as if such expulsion had been made.

**G.** Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with relevant Clause.

For the purposes of this Sub-Clause:

i. “Corrupt practice” is the offering, giving, receiving to soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party.

ii. “Another party” refers to a public official acting in relation to the procurement process or contract execution. In this context, “public official” includes Financer staff and employees of other organizations taking or reviewing procurement decisions.

iii. “Fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation.

iv. “Collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party.

v. “Coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party.

vi. “Obstructive practice” is deliberately destroying, falsifying, altering or concealing

of evidence material to the investigation or making false statements to investigators in order to materially impede the Financier investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

vii. Acts intended to materially impede the exercise of the Financer's inspection and audit rights provided.

viii. "party" refers to a public official; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution.

ix. "Parties" refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non-competitive levels.

x. a "party" refers to a participant in the procurement process or contract execution.

**SECTION 12**  
**PRE-BID MEETING**

### **PREBID MEETING**

Pre-bid meeting of the interested parties shall be convened at the designated date, time and place. A maximum of three representatives of each Applicant shall be allowed to participate on production of authority letter from the Applicant.

During the course of Pre-bid meeting, the Applicants will be free to seek clarifications and make suggestions for consideration of the Authority. The Authority shall Endeavour to provide clarifications and such further information as it may, in its sole discretion, consider appropriate for facilitating a fair, transparent and competitive Bidding Process.

**SECTION 13**  
**LIST OF APPROVED BANKS**

## **LIST OF APPROVED BANKS**

1. The following Banks with their branches in Greater Mumbai and in suburbs and extended suburbs up to Virar and Kalyan have been approved only for the purpose of accepting Banker's guarantee from 1997-98 onwards until further instructions.

2. The Bankers Guarantee issued by branches of approved Banks beyond Kalyan and Virar can be accepted only if the said Banker's Guarantee is countersigned by the Manager of a branch of the same Bank, within the Mumbai Limit categorically endorsing thereon that said bankers Guarantee is binding on the endorsing Branch of the bank within Mumbai limits and is liable to be on forced against the said branch of the Bank in case of default by the contractor/supplier furnishing the bankers Guarantee. IDBI Bank BG not acceptable as per circular CA/FBK/303 dated 17.03.2018.

**List of approved Banks:-**(Please refer CA-FBK-241 dated 27.11.2019)

<b>S.B.I and its subsidiary Banks</b>	
1	State Bank of India.
<b>B</b>	<b>Nationalized Banks</b>
1	Allahabad Bank.
2	Andhra Bank.
3	Bank Of Baroda.
4	Bank Of India.
5	Bank Of Maharashtra.
6	Central Bank of India.
7	Dena Bank.
8	Indian Bank.
9	Indian Overseas Bank.
10	Oriental Bank of Commerce.
11	Punjab National Bank.
12	Punjab & Sindh Bank.
13	Syndicate Bank.
14	Union Bank of India.
15	United Bank of India.
16	UCO Bank.
17	Vijaya Bank.
18	Corporation Bank.
<b>C</b>	<b>Scheduled Commercial Banks</b>
1	Bank Of Madura Ltd.

2	Bank Of Rajasthan Ltd.
3	Banaras State Bank Ltd.
4	Bharat Overseas Bank Ltd
5	Catholic Syrian Bank Ltd.
6	City Union Bank Ltd.
7	Development Credit Bank.
8	Dhanalakshmi Bank Ltd.
9	Federal Bank Ltd.
10	Indsind Bank Ltd.
11	I.C.I.C.I Banking Corporation Ltd.
12	Global Trust Bank Ltd.
13	Jammu & Kashmir Bank Ltd.
14	Karnataka Bank Ltd.
15	KarurVysya Bank Ltd.
16	Laxmi Vilas Bank Ltd.
17	Nedugundi Bank Ltd.
18	Ratnakar Bank Ltd.
19	Sangli Bank Ltd.
20	South Indian Bank Ltd.
21	S.B.I Corporation &Int Bank Ltd.
22	Tamilnadu Mercantile Bank Ltd.
23	United Western Bank Ltd.
24	Vysya Bank Ltd.
<b>D</b>	<b>Schedule Urban Co-op Banks</b>
1	Abhyudaya Co-op Bank Ltd.
2	Bassein Catholic Co-op Bank Ltd.
3	Bharat Co-op Bank Ltd.
4	Bombay Mercantile Co-op Bank Ltd.
5	Cosmos Co-op Bank Ltd.
6	Greater Mumbai Co-op Bank Ltd.
7	JanataSahakari Bank Ltd.
8	Mumbai District Central Co-op Bank Ltd.
9	Maharashtra State Co-op Bank Ltd.
10	New India Co-op Bank Ltd.
11	North Canara G.S.B. Co-op Bank Ltd.
12	Rupee Co-op Bank Ltd.
13	Sangli Urban Co-op Bank Ltd.

14	Saraswat Co-op Bank Ltd.
15	ShamraoVithal Co-op Bank Ltd.
16	Mahanagar Co-op Bank Ltd
17	Citizen Bank Ltd.
18	Yes Bank Ltd.
<b>E</b>	<b>Foreign Banks</b>
1	ABM AMRO (N.Y.) Bank.
2	American Express Bank Ltd.
3	ANZ Grindlays Bank Ltd.
4	Bank Of America N.T. & S.A.
5	Bank Of Tokyo Ltd.
6	Bank indosuez.
7	Banque Nationale de Paris.
8	Barclays bank.
9	City Bank N.A.
10	Hongkong & Shanghai banking Corporation.
11	Mitsui Taiyokbe Bank Ltd.
12	Standard Chartered Bank.
13	Cho Hung Bank





**SECTION 14**  
**APPENDIX**

**FORM OF TENDER**

To,

The Municipal Commissioner for Brihnmumbai Municipal Corporation Sir,

I/ We have read and examined the following documents relating to the construction of

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- i. Notice inviting tender.
- ii. Directions to tenderers (General and special)
- iii. General condition of contract for Civil Works of the Brihanmumbai Municipal Corporation as amended up to date.
- iv. Relevant drawings
- v. Specifications.
- vi. Special directions
- vii. Annexure A and B.
- viii. Bill of Quantities and Rates.

1A.I/We \_\_\_\_\_

(full name in capital letters, starting with surname), the Proprietor/ Managing Partner/ Managing Director/ Holder of the Business, for the establishment / firm / registered company, named herein below, do Hereby offer to

.....  
...  
.....  
.....

Referred to in the specifications and schedule to the accompanying form of contract of the rates entered in the schedule of rates sent herewith and signed by me/ us” (strike out the portions which are not applicable).

1B. I/We do hereby state and declare that I/We, whose names are given herein below in details with the addresses, have not filled in this tender under any other name or under the name of any other establishment /firm or otherwise, nor are we in any way related

or concerned with the establishment /firm or any other person, who have filled in the tender for the aforesaid work.”

2. I/We hereby tender for the execution of the works referred to in the aforesaid documents, upon the terms and conditions, contained or referred to therein and in accordance with the specification's designs, drawings and other relevant details in all respects.

\* At the rates entered in the aforesaid Bill of Quantities and Rates.

3. According to your requirements for payment of Earnest Money amounting to Rs. \_\_\_\_\_ /- (Rs. \_\_\_\_\_ )

I/We have deposited the amount through online payment gateways with the C.E. of the Corporation not to bear interest

4. I/We hereby request you not to enter into a contract with any other person/s for the execution of the works until notice of non/acceptance of this tender has first been communicated to me/us, and in consideration of yours agreeing to refrain from so doing I/we agree not to withdraw the offer constituted by this tender before the date of communication to me/us of such notice of non/acceptance, which date shall be not later than ten days from the date of the decision of the Standing Committee or Education Committee of the Corporation, as maybe required under the Mumbai Municipal Corporation Act, not to accept this tender.(Subject to condition 5below).
5. I/We also agree to keep this tender open for acceptance for a period of 180 days from the date fixed for opening the same and not to make any modifications in its terms and conditions which are not acceptable to the Corporation.
6. I/We agree that the Corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely, if.
  - a. I/We fail to keep the tender open as aforesaid.
  - b. I/We fail to execute the formal contract or make the contract deposit when called upon to do so.
  - c. I/we do not commence the work on or before the date specified by the Engineer in his work order.
7. I/We hereby further agree to pay all the charges of whatsoever nature in connection with the preparation, stamping and execution of the said contract.
8. I/We further agree that, I/we shall register ourselves as 'Employer' with the Bombay Iron and Steel Labour Board' and fulfill all the obligatory provisions of Maharashtra Mathadi, Hamal and other Manual workers (Regulation of Employment and Welfare)

Act 1969 and the Bombay Iron and Steel unprotected workers Scheme 1970.

9. "I/We \_\_\_\_\_ have failed in the accompanying tender

with full knowledge of liabilities and, therefore, we will not raise any objection or dispute in any manner relating to any action, including forfeiture of deposit and blacklisting, for giving any information, which is found to be incorrect and against the instructions and directions given in this tender.

10. "I/We further agree and undertake that in the event it is revealed subsequently after the allotment of work/contract to me/us, that any information given by me/us in this tender is false or incorrect, I/We shall compensate the Brihanmumbai Municipal Corporation for any such losses or inconvenience caused to the Corporation in any manner and will not resist any claim for such compensation on any ground whatsoever. I/we agree and undertake that I/we shall not claim in such case any amount by way of damages or compensation for cancellation of the contract given to me/us or any work assigned to me/us or is with-drawn by the Corporation,"

Address

Yours faithfully,

.....

.....

Digital Signature of the Tenderer or the Firm

1.....

2.....

3.....

4.....

5.....

Full Name and private residential address of all the partners constituting the Firm		A/c No. .....
1.	.....	Name of Bank
2.	.....	.....
3.	.....	Name of Branch
4.	.....	.....
5.	.....	Vender No.....

**AGREEMENT FORM**

Tender/Quotation \_\_\_\_\_ dated \_\_\_\_\_ 20...

Standing Committee/Education Committee Resolution No. ....  
**CONTRACT FOR THE WORKS**

.....  
.....  
.....

This agreement made this day of .....

.....  
... Two  
thousand

..... Between  
.....  
.....

inhabitants of Mumbai, carrying on business at.....  
.....  
..... in Bombay under the style and name of Messrs

..... (Hereinafter  
called "the contractor of the one part and Shri  
.....

..... the Director (E.S.&P.) (hereinafter called "the commissioner" in which expression  
are included unless the inclusion is inconsistent with the context, or meaning thereof, his  
successor or successors for the time being holding the office of Director (E,S.& P)of the  
second part and the

Brihanmumbai Municipal Corporation (hereinafter called "the Corporation") of the third  
part, WHEREAS the contractor has tendered for the construction, completion and  
maintenance of the works described above and his tender has been accepted by the  
Commissioner (with the approval of the Standing Committee/Education Committee of the  
Corporation NOW THIS 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 General Conditions of Contract for works hereinafter  
referredto: -

2) The following documents shall be deemed to form and be read and constructed as  
a part of this agreement viz.

- a) The letter of Acceptance
- b) The Bid:
- c) Addendum to Bid; if any
- d) Tender Document

- e) The Bill of Quantities:
- f) The Specification:
- g) Detailed Engineering Drawings
- h) Standard General Conditions of Contracts (GCC)
- i) All correspondence documents between bidder and BMC

3) In consideration of the payments to be made by the Commissioner to the contractor as hereinafter mentioned the contractor hereby covenants with the Commissioner to construct, complete and maintain the works in conformity in all respects with the provision of the contract.

4) The Commissioner hereby covenants to pay to the Contractor in consideration of the construction, completion and maintenance of the works the contract sum, at times and in the manner prescribed by the contract.

IN WITNESS WHERE OF the parties hereto have caused their respective common seals to be herein to affixed (or have hereunto set their respective hands and seals) the day and year above written.

Signed, Sealed and delivered by the contractors

In the presence of	Trading under the name and style of
--------------------	-------------------------------------

\_\_\_\_\_  
\_\_\_\_\_  
Full Name

Address

\_\_\_\_\_  
\_\_\_\_\_  
Contractors

Signed by the Director (ES&P) in the presence of Ex... City / WS / ES

\_\_\_\_\_  
\_\_\_\_\_  
(Director (ES&P))

The Common seal of the Brihanmumbai  
Municipal Corporation was hereunto affixed  
on the  
..... 20 in the presence of two members of  
the Standing Committee.

1.

1.

2.

2.

And in the presence of the Municipal Secretary

Municipal Secretary

## ANNEXURE " A "

**Name of work: Structural Strengthening and Repairs of Everard Nagar Subway on EEH in Kurla (L ward).**

The Engineer for this work: Chief Engineer (Bridges)

Dy.Ch.Eng. (Bridges)

Ex. Eng. (Bridges) ES

1. Estimated cost of Tender :Rs. 71,98,310.00/-(Exclusive GST)
2. Earnest Money (1% of the Estimated cost):Rs. 72,000.00 /-
3. Time Period : 06 months (Including monsoon).
4. Percentage to be charged as supervision charges for the work got executed through other means- 10percent.

The "Actual cost of the work" shall mean in the case of percentage rate contracts the actual cost of the work executed at the rates as mentioned in the Contract Schedule adjusted by the Contractor's percentage rate and cost of extra and excess but excluding the cost on account of Water Charges and Sewerage Charges if any, payable by the contractor and also excluding cost on account of price variation claims as provided in price variation clause as amended up to date.

1. In case of item rate contracts, the actual cost calculated for the work executed at the rates mentioned in the contract schedule for different items including cost of excess and extra items of the work excluding the cost of water charges and sewerage charges if any, payable by the contractor and excluding cost on account of price variation claims as provided in extra excess conditions as amended up to date.

2. In case of lump sum contract the cost of the work actually carried out as per break up and program of the work and the schedule of payment included in the contract including cost of any excess and/or extra items, of the work, excluding the cost on account of water charges and sewerage charges and also excluding cost on account of price variation claims as provided in extra excess conditions as amended up to date.

## **Annexure- B**

### **PRE-CONTRACT INTEGRITY PACT**

The Bidder commits himself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of his bid or during any pre-contract or post- contract stage in order to secure the contract or in furtherance to secure it and in particular commits himself to the following: -

1. The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BMC, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.
2. The Bidder further undertakes that he has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BMC or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.
3. The Bidder will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
4. The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
5. The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BMC or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
6. The Bidder shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BMC as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The Bidder also undertakes to exercise due and adequate care lest any such information is divulged.

7. The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
8. The Bidder shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
9. The Bidder and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bidding Process. Notwithstanding anything to the contrary contained herein, the Authority may reject an application without being liable in any manner whatsoever to the Applicant if it determines that the Applicant has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bidding Process.

For the purposes of this Clause 9, the following terms shall have the meaning herein after respectively assigned to them:

- a. “Fraudulent practice” means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process.
- b. “Coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the Bidding Process.
- c. “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Applicants with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

Signature of Tenderer/Bidder

**Annexure- C**  
(On Rs. 500/- Stamp Paper)

**DECLARATION CUM INDEMNITY BOND**

I, \_\_\_\_\_ of \_\_\_\_\_, do hereby declared and undertake asunder.

1. I declare that I have submitted certificates as required to Executive Engineer

(Monitoring) at the time of registration of my firm/company \_\_\_\_\_ and there is no change in the contents of the certificates that are submitted at the time of registration.

2. I declare that I \_\_\_\_\_ in capacity as Manager/Director/Partners/Proprietors of \_\_\_\_\_ has not been charged with any prohibitory and /or penal action such as banning (for specific time or permanent)/de-registration or any other action under the law by any Government and/or Semi Government and/or Government undertaking.

3. I declare that I have perused and examined the tender document including addendum, condition of contract, specifications, drawings, bill of quantity etc. forming part of tender and accordingly, submit my offer to execute the work as per tender documents at the rates quoted by me in capacity as \_\_\_\_\_ of \_\_\_\_\_.

4. I further declare that if I am allotted the work and I failed to carry out the allotted work accordance with the terms and conditions and within the time prescribed and specified, BMC is entitled to carry out the work allotted to me by any other means at my risk and cost, at any stage of the contract.

5. I also declare that I will not claim any charge/damages/compensation for non-availability of site for the contract work at any time.

6. I declare that I will positively make the arrangements of the required equipment on the day of commencement or with respect to the progress of the work in phases, as per the instructions of site in-charge

Signature of Tenderer/Bidder

**BANKERS GURANTEE IN LIEU OF CONTRACT DEPOSIT**

THIS INDENTURE made this \_\_\_\_\_ day of \_\_\_\_\_ BETWEEN THE \_\_\_\_\_ BANK incorporated under the English/Indian Companies Acts and carrying on business in Mumbai (hereinafter referred to as 'the bank' which expression shall be deemed to include its successors and assigns) of the first part

\_\_\_\_\_

inhabitants carrying on business at \_\_\_\_\_ in Mumbai under the style and name of Messer's \_\_\_\_\_ (hereinafter referred to as 'the consultant') of the second part Shri. \_\_\_\_\_

THE MUNICIPAL COMMISSIONER FOR GREATER MUMBAI (hereinafter referred to as 'the commissioner' which expression shall be deemed, also to include his successor or successors for the time being in the said office of Municipal Commissioner ) of the third part and THE BRIHANMUMBAI MUNICIPAL CORPORATION (hereinafter referred to as 'the Corporation') of the fourth part WHEREAS the consultants have submitted to the Commissioner tender for the execution of the work of

" \_\_\_\_\_ and the terms of such tender /contract require that the consultants shall deposit with the Commissioner as/contract deposit/ earnest money and /or the security a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)

\_\_\_\_\_ )AND WHEREAS if and when any such tender is accepted by the Commissioner, the contract to be entered into in furtherance thereof by the consultants will provide that such deposit shall remain with and be appropriated by the Commissioner towards the Security -deposit to be taken under the contract and be redeemable by the consultants, if they shall duly and faithfully carry out the terms and provisions of such contract and shall duly satisfy all claims properly chargeable against them there under AND WHEREAS the consultants are constituents of the Bank and in order to facilitate the keeping of the accounts of the consultants, the Bank with the consent and concurrence of the consultants has requested the Commissioner to accept the undertaking of the Bank hereinafter contained, in place of the contractors depositing with the Commissioner the said sum as earnest money and /or security as aforesaid AND WHEREAS accordingly the Commissioner has agreed to accept such undertaking NOW THIS AGREEMENT WITNESSES that in consideration of the premises, the Bank at the request of the consultants ( hereby testified ) UNDERTAKES WITH the commissioner to pay to the commissioner upon demand in writing , whenever required by him , from time to time , so to do ,a sum not exceeding in the whole Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ ) under the terms of the said tender and /or the contract. The B.G. is valid up to \_\_\_\_\_” Notwithstanding anything what has been

stated above, our liability under the above guarantee is restricted to Rs. \_\_\_\_\_ only and guarantee shall remain in force up to \_\_\_\_\_ unless the demand or claim under this guarantee is made on us in writing on or before \_\_\_\_\_ all your right under the above guarantee shall be forfeited and we shall be released from all liabilities under the guarantee thereafter”

IN WITNESS WHEREOF

WITNESS (1) \_\_\_\_\_

Name and \_\_\_\_\_

Address \_\_\_\_\_

WITNESS (2) \_\_\_\_\_

Name and \_\_\_\_\_ the duly constituted Attorney

Manager Address \_\_\_\_\_

The Bank and the said Messer's \_\_\_\_\_

\_\_\_\_\_ (Name of the

Bank) WITNESS (1) \_\_\_\_\_

Name and \_\_\_\_\_

Address \_\_\_\_\_

WITNESS (2) \_\_\_\_\_

Name and \_\_\_\_\_

For Messer's \_\_\_\_\_

Address \_\_\_\_\_

have here into set their respective hands the day and year first above written.

**The amount shall be inserted by the Guarantor, representing the Contract Deposit in Indian Rupees.**

**Annexure- D**

**Rate Analysis**

Item Description

Sr. No.	Description of rate analysis parameters.	Unit	Quantity	Basic Rate	Basic Amount	Remarks
1	Basic Material (Rate should be inclusive of all taxes)					
2	Machinery Hire Charges					
3	Labour Type		(Labour components)			
4	Total of all components					
	Total Basic Amount (A)					
	<b>e) Contractor's profit &amp; Overhead charges @ 15% on (a+b+c)</b>					
	<b>Rate as per Unit</b>					

Sign & Seal of the Tenderer

**PROFORMAS:**

**PROFORMA-I**

The list of similar works as stated in para 'A' of Post qualification during last seven years—

<b>PROFORMA- I</b>					
Sr. No.	Name of the Project	Name of the employer	Stipulated date of completion	Actual date of completion	Actual Cost of work done
1	2	3	4	5	6

**NOTE:**

Scanned Attested copies of completion/performance certificates from the Engineer-in-Charge for each work should be annexed in the support of information furnished in the above proforma. Works shall be grouped financial year-wise.

**PROFORMA- II**

Yearly turnover of Civil Engineering Construction Works during the last five years

<b>PROFORMA- II</b>					
Sr. No.	Financial year	Annual Turnover of Civil Engineering Works	Updated value to current year	Average of last 5years	PageNo.
1					
2					
3					
4					
5					
Total					

**NOTE:** The above figures shall tally with the audited balance sheets uploaded by the tenderers duly certified by Chartered Accountant.

### **PROFORMA- III**

At least similar work, as stated in para 'A' of Post qualification,

<b>PROFORMA-III</b>							
Name of the Project	Name of The Employer	Cost of the Project	Date of issue of work Order	Stipulated Date of Completion	Actual Date Of Completion	Actual cost of work done	Remarks explaining reasons for delay, if any
1	2	3	4	5	6	7	8

**Note:** Scanned Attested copies of completion/performance certificates from the Engineer-in- charge for each work should be annexed in support of information furnished in the above proforma.

### **PERSONNEL:**

### **PROFORMA- IV**

Sr. No.	Post.	Name.	Qualification.	Work Experience.	
				No. of years.	Name of Projects.
1	Project Manager				
2	Quality Control Engineer				
3	Site Engineer				
4	Site Supervisor				

**NOTE:** Scanned Attested copies of qualification certificates and details of work experience shall be submitted /uploaded.

### **MACHINERY: (for special work only)**

<b>PROFORMA-V/A</b>			
Sr. No.	Equipment	Number.	Owned / Leased / Assured access.
1	2	3	4

<b>PROFORMA-V/B</b>			
Sr. No.	Equipment	Number.	Owned
1	2	3	4

**Note:** The tenderer(s) shall furnish/upload the requisite Scanned Attested documents of ownership/leased of machineries. The undertaking from the suppliers will not be accepted.

### PROFORMA- VI/A

Details of Existing Commitments and ongoing works –

PROFORMA-VI/A							
Description of work.	Place.	Contract No. & Date.	Name and Address of Employer	Value of Contract in Rs.	Scheduled date of completion	Value of work remaining to be completed	Anticipated date of completion
1	2	3	4	5	6	7	8

**Note:** Scanned Attested copies of completion/performance certificates from the Engineer-in- Charge for each work should be annexed in the support of information furnished in the above proforma.

### PROFORMA - VI / B

Details of works for which bids are already uploaded –

PROFORMA-VI/B						
Description of work.	Place.	Name & Addresses of Employee	Value of Contract in Rs.	Time Period	Date on which decision is expected.	Remarks.
1	2	3	4	5	6	7

**Note:** Scanned Attested copies of certificates from the Engineer-in-charge for each work shall beannexed.

### PROFORMA – VII

Details of Litigation / Arbitration history in which tenderer is involved.

Name of other Party(s)	Employer	Cause of Dispute	Amount Involved	Remarks showing present status
1	2	3	4	5

**SECTION 15**  
**SPECIAL CONDITIONS OF CONTRACT**

## **15. SPECIAL CONDITIONS OF CONTRACT**

**15.1** BMC shall not be responsible for providing the sites for dumping ground and in the event dumping ground is not able to be made available by BMC, the bidder shall have to arrange own dumping arrangement for which no any cost will be paid by BMC. Nevertheless, BMC reserves its rights to use surplus excavated materials for its own use anywhere in BMC limits.

**15.2** i) All material required for the work can be stacked near the site of work in such manner so as not to cause any inconvenience to the pedestrian and vehicular traffic. If no space is available on site, then tenderer shall make his own arrangement for stacking of material etc. No extra payment will be made on this account.

ii) The surplus excavated material from the site shall be removed free of cost to the Municipal dumping ground within 24 hours, as directed. The necessary tipping charges at the dumping ground, as applicable, shall be borne by the contractor.

iii) The royalty charges in respect of excavated material shall be paid by the contractors to the collector as and when asked for.

iv) The contractor should note that during the execution of the work, debris etc. dumped on the public streets/places will have to be removed immediately after completion of the work as per direction of the Engineer, failing which the same will be got removed at their risk and cost.

v) The site shall be cleared by removal of surplus material on or before 15th of May every year.

vi) The policy's circulars are issued by BMC from time to time related to various clauses/conditions of bid documents shall remained applicable. The BMC reserves the right of its applicability for the particular work.

vii) The successful bidder should always be ready to carry out unforeseen work in any unforeseen situation with required material, manpower and machinery etc.

### **15.3 (a) Removal of Excavated Material**

All the excavated material belongs to the Brihanmumbai Municipal Corporation and therefore shall be the property of Brihanmumbai Municipal Corporation . It will be mandatory on the part of contractor to use this material in the execution of works under contract if the quality of material available is as per the specification and rest of quality wise unutilized material shall be removed as directed by Engineer.

All the excavated and surplus material on site shall be disposed by means of transportation

or as directed by the Engineer on the cost of contractor. No additional / separate payment will be made to contractor, as per circular under No. MGC/F/7867 dated 12.10.2015.

**(b) Royalty Payment on excavated material as per statutory requirement:**

The contractor shall pay necessary royalties and submit documentary evidence of such payments to the engineer for his information and records. If and when royalties become payable to the government authority on excavated material as per statutory requirements, the payment shall be made by the contractor.

**15.4** If the contractor excavates certain portion of the bridge carriageway and fails to reinstate. The same within the stipulated time limit, as per the programme and or before 31st of May, the reinstatement will be got carried out at contractor's risk and cost through other agency in addition to further penal action.

**15.5** All trenches taken in connection with the work should be sufficiently barricaded, as specified.

**15.6** The noise level shall be maintained within the permissible limit in Silence zone area during the construction activities by the Contractors, as per the notification dated 14.2.2000, issued by the Ministry of Environment & Forests.

**15.7 Permissions:**

**15.7.1** The contractors will have to obtain permission from the traffic police department well in advance either for closing down the bridge carriageway partially/fully or for diversion of traffic for execution of the work. The work may be required to be executed in phases as per traffic police permission. The contractors should therefore consider this factor while quoting.

**15.7.2** The contractor shall have to obtain all the permissions of the concerned authorities outside BMC required for carrying out the work. Only recommendatory letters will be issued by BMC.

**15.8.** The contractors will be given 12 mm. dia. or 20 mm. dia. (as per the conditions of H.E.) water connection for drinking purposes. Extra water required for construction purposes will have to be brought by the contractors at his own cost and no extra claims on this behalf will be entertained.

**15.9** Methodology of the work, **safety manual and quality assurance plan** shall be submitted before commencement of the work with copy at each site office.

**15.10** Quantities of all items provided in the B.O.Q. may not be required to be executed depending upon the site conditions. The tenderer shall not be entitled for any compensation on this account. Before starting the work, contractor shall consult with the

Site Engineer and shall take actual measurements on the site for procurement of material.

**15.11** The contractor shall procure all material required for the work from manufacturers with I.S.I. certificates and according to B.M.C. specifications wherever applicable.

**15.12** Corporation will appoint a consultant for quality audit, during execution period. The contractor will extend all help in carrying out any survey; test etc. as directed and adverse decision there of including rectification shall be carried out by the contractors at their cost.

**15.13** The Engineer not below the rank of Assistant Engineer is entitled to impose a **penalty of Rs.2500/- per day per lapse** for each defective work/lapse, disobedience of orders by the officer not below the rank of site Engineer. Penalty amount will be recovered from contractors running bill. This penalty is over and above Penalty mentioned under G.C.C. enforced.

**15.14** The date of starting shall be the date on which all the NOC's/Permissions such as CRZ, MCZMA, Heritage, Garden department, G/N Ward office etc if applicable are in place.

**15.15** The successful bidder shall take trial pits upto 3 m depth for assessing / mapping the existing underground utilities. The successful bidder will be fully responsible for protection, and temporary support, relocation of charted and uncharted utilities in co-ordination with the concerned utility agencies to their satisfaction. The bidder shall be fully responsible for the said utility shifting infringing the alignment or construction area without asking for time extension and price variation due to change in design in this respect. This tender condition will supersede any other conflicting provision in the entire Tender document.

**15.16** The bidder shall quote the amount excluding GST.

**15.17** The bidder shall provide the necessary wardens, barricading and other equipments and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost.

**15.18** The bidder shall note that Traffic Police department may not give entire closure of Bridge for more than 3 Months. The bidder shall note this point & ensure that the deck continuity work along with expansion joint work shall be completed within 3 Months time including the curing period.

If it is observed that, the contractor carrying out the work fails to comply with the instructions given by the authorities of the A.C./Ch.E(Br)/ DMC (Infra)/Zonal DMC/Dir.(ES&P)/A.M.C./M.C.'s level during execution of work twice, the work may be terminated and will be carried out at the risk and cost of the contractor and penal action will be taken against them. This decision will not be arbitral at all.

The above-mentioned condition will be in addition to the relevant condition in the General Condition of contract regarding cancellation of contract in full or partly final decision of disputes, difference of claims raised by the contractor or relating to any matter out of contract.

## **ii) Other penalties**

In addition to any penal action under the GCC of Individual contracts, a registered contractor will be liable under the registration Rule to one or more of the following penalties as per the procedure laid down in the “Rules Governing registration of Contractor/s for Civil, Mechanical, Electrical and Electronics Engineering works, 2016” of BMC:

- I. Warning
- II. Fine
- III. Demotion
- IV. Banning /De-registration
- V. Suspension of Registration pending inquiry
- VI. Debarring

## **I. WARNING /FINE**

A contractor/s will be liable to a warning and / or fine for -

- i. Non-compliance of any provision of these rules,
- ii. Failure to comply with any clause or direction under these Rules or failure to comply with any condition of E-Quotation / E-Tenders / contracts and
- iii. Inadequate progress during execution of work / performance under a contract.
- iv. For the first default of any type mentioned above, a warning letter / notice will be issued by competent authority i.e. defined under Engineer of the project / work. For each subsequent default of the types in (a), (b) & (c) above, the penalty will be imposed to the contractor as per the penalties mentioned in the contract document under general condition of contract or special condition of contract. Higher amount of fine may be levied by the competent authority i.e. defined under Engineer of the Project / work, for the reasons to be recorded.

## **II. DEMOTION**

A Contractor/s is liable to be demoted to one lower class of registration on one or more of the following grounds -

- i. Specific failure or default in execution of individual works, in respect of physical progress or quality in such works,
- ii Deterioration in financial or technical ability / capacity and
- iii. Repeated failure to properly fill in tender document/s, fully and correctly or delay in execution of formal contract documents

**Note:** Demotion from the lowest class of registration will amount to banning / de-registration of registration for the period specified. In such cases, the registration of the contractor/s will stand restored after the period of demotion / banning / de-registration.

## **III. BANNING -DE-REGISTRATION**

Banning / Deregistration will be for a specific period or permanent banning / Deregistration.

A contractor/s is liable to be Banned / De-registered on one or more of the following grounds: -

- i. If security considerations including question of loyalty to the BMC so warrant,
- ii. If the proprietor of the firm, its employee, partner or representative is convicted by a court of law following of investigation or under normal process of law for offences involving moral turpitude in relation to business dealings viz. Conviction by court of law,

iii. If there is strong justification for believing that the proprietor or employee, or representative of the firm has been guilty of malpractices such as bribery, corruption, fraud substitution of tenders, interpolation, misrepresentation, evasion or habitual default in payment of any tax levied bylaw,

iv. If the firm continuously refuses to return BMC or State Govt. dues without showing adequate cause, and BMC is satisfied that this is not due to a reasonable dispute which would attract proceedings in arbitration or court of law,

v. If the firm employs a BMC or State Govt. servant, dismissed / removed on account of corruption, or employs a non-official convicted for an offence involving corruption or abetment of such an offence, in a position where he could corrupt Govt. Servants,

vi. Persistent and intentional violation of important conditions of contract. Not attaining required quality of work and non-execution of works as per terms and conditions of contract. Constant non-achievement of milestone on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out,

vii. An attempt to cheat BMC, an attempt to secure a contract through unfair means or bringing to bear outside influence, an attempt to secure unauthorized copies of Municipal records and documents in relation to any tender / contract or any other official matter, an attempt to tamper with Municipal record and documents, threatening, misbehaving with or physical attack on any Municipal employee/Officer,

viii. An attempt to instigate or collude with other contractor/s with a view to securing undue advantage,

ix. Any of the grounds mentioned in clause Demotion, if it is deemed serious enough.

#### **IV. SUSPENSION OF REGISTRATION PENDING INQUIRY**

i. Whenever any Show Cause Notice is issued to the contractor calling for the explanation on lapses by him, the registration of contractor/s may be banned / suspended up to the arrival of final outcome of the said Show cause notice, depending on the seriousness of the reasons for which show cause notice is issued.

ii. Show cause notice shall be issued by the officer not below the rank of Executive Engineer in charge of the concerned work / project of BMC

iii. Director (E. S. & P.) or concerned Deputy Municipal Commissioner is the competent authority to ban / suspend the registration pending inquiry in such cases.

iv. Circular of Banning / suspension of registration till further orders shall be circulated to all departments of BMC by Head of the executing department i.e. Chief Engineer of concerned department / Assistant Commissioner of the concerned Ward.

v. The outcome of registration of the contractor will be decided depending on the final outcome of the process of the said Show Cause Notice and circular to that effect shall be issued by concerned Head of the Department.

## **V. DEBARRING**

Debarring is the penal action to be initiated against the Contractor/s who are carrying out works for M.C.G.M. and are not registered with M.C.G.M. All other criteria and procedure of penal action (i.e., observed for suspension, banning, demotion, (deregistration) will remain similar as mentioned in penal action clause 7.

### **15.15 Traffic Management: -**

**15.15.1** The bidder shall provide the necessary wardens, barricading and other equipments and accessories like Hippo Crane, battens, flash lights, jackets, sign boards, rope, etc. as and when required by Traffic Police department as per Traffic Police NOC to be issued. The payment for the same will be paid on producing the acknowledgement from Traffic Police department. However, the barricading, wardens, etc. required for the actual bridge work are to be provided by contractor at his own cost

**15.15.2** Traffic signs – Temporary traffic and construction signs are to be provided during construction and maintenance operations for traffic diversion and pedestrian safety as per Traffic Diversion Plan approved by the Engineer.

**15.15.3** The contractor shall display the boards stating information of the name of the work, date of starting, date of completion, name of the Dept. and contact telephone no's of Contractor's Engineer

**15.16** While constructing/improving footpath, provision for slopping ramp of at least 1.00 m width or as directed, shall be made at every carriage entrance, junctions, bus stops etc., for convenience of physically challenged persons.

**15.17** The full-time services of the Personnel Team of the contractor are mandatory during the entire period of the project. Daily Attendance register of Contractor's staff shall be maintained and got checked from BMC staff from time to time.

### **15.18 TESTING OF MATERIAL–**

i) Contractors are required to send at least one sample per day up to 50 M.T. and at the rate of one sample for every additional 50 M.T or part thereof per day for Asphalt Macadam/ Seal 170 Coat/Asphalt Concrete and other asphalt mixes to the laboratory for testing. The contractor shall note that, 50% payment of the bitumen work will be withheld till the results are received.

The test of samples of asphalt macadam, asphaltic concrete, mastic asphalt, used in the work shall be carried out at municipal laboratory or approved laboratory as directed by engineer in- charge.

The site laboratory shall be used for testing of sub-base, GSB, base course, WBM, concrete cubes (7 days, 14 days) and other materials as necessary and directed engineer in-charge.

The charges for testing of construction materials and asphalt mixes shall be as per the rates in force at the time of testing of materials/asphalt mixes and the testing charges shall be borne by the contractor.

a) All requests for testing of samples must be made in writing to in duplicate specifying there in the following information (separate memo should be sent for concrete, steel, soil, asphaltic mixes) etc.

b) Name of the Work, Work Code No. if any

c) Type of material and tests desired (i.e. grade of cement, date of consignment)

d) Identification mark on the sample should be mentioned on the forwarding memo (in case of concrete beams and cubes identification marks, grade of concrete, date of casting, specimen No. should be engraved on concrete. If these details are marked by paint, samples will not be accepted. In case of reinforcement bars, details shall be displayed on label pasted on bars and label must be signed by the officer who has taken the samples.)

e) Name and full postal address of the officer to whom the results must be sent.

f) Date of sampling (i.e., date of laying asphalt mix, Sr. No. of load casting concrete or taking cement samples.)

g) Name of the tenderer carrying out the work.

h) Any other information, which is specified by the user department.

ii) Samples must also bear the identification mark and signature of site in charge/ officer taking the samples. In case of samples of asphalt mixes sent in polythene bags a legible duplicate tag should be stapled from outside.

iii) Quantity of sample for testing must be adequate as shown in the schedule.

iv) For issuing additional copies or duplicate copies of test results at Municipal Testing Lab. Rs. 25/- will be charged for each copy. Request for additional /duplicate copy should be made in writing by site in charge or higher officers of the user department.

v) Field Density test shall be taken in Asphalt concrete Carpet for any thickness. The Contractor shall obtain the intimation letter from Engineer-in-charge & furnish the same to

A. E. (Soil Mech.) or as directed by the Engineer within 7 days from the date of laying of asphalt concrete for carrying out the field density test. For any neglect or delay on the part of the contractor to intimate the same within seven days period, the additional charges as penalty would be recovered from the Contractor up to Rs. 200/- per test per week at the time of submission of intimation to A. E. (Soil Mech.)'s office.

vi) Samples of bitumen cut back; emulsions shall be forwarded in wide mouthed metal containers with label pasted on the lid.

vii) Samples for tensile testing of reinforcing bars shall be straight for entire length without bends. The ends of the bars shall be hacksaw cut and not chisel cut. One sample of each diameter bar shall be sent for first test and for retest, two bars shall be sent. The length of the bars shall be 50 cm. for all diameters. Test Certificates (Chemical/Physical tests) from manufacturers (MTC) will be submitted along with each Lot of Steel.

viii) Samples that are sent for testing for natural moisture content, shall be forwarded in wax coated packing or sealed airtight bags.

ix) Undisturbed samples sent in sampling tube shall be wax coated on both open ends.

x) The samples thus taken shall send to the Testing Laboratory within 4 days from the date of laying, of Asphalt mix on site. In case of delay, additional testing charges as penalty would be recovered from the Contractor at the following rates.

A)	From the 5th day to 7th day from date of laying of asphalt mix on site	Rs. 10,000/-
B)	From the 8th day to 14th day from date of laying of asphalt mix on site	Rs. 20,000/-

The above charges i.e. (A) & (B) shall be paid by the contractors at time of submitting the samples in Municipal Laboratory.

If the samples of the Asphalt mixes are not sent for testing within 14 days, payment for the corresponding quantity of those samples shall not be made.

Charges would be recovered from the respective bills payable to the contractor by respective department and credited to XV- Traffic Operations, Roads and Bridges, H - Material Testing Laboratory.

xi) In case of failure of asphalt mix sample testing in Municipal Laboratory in various tests the following penalties will be imposed.

a) Rs.500/- for each gradation failure as per result of asphalt macadam, seal coat and asphaltic concrete and Rs.1,000/- for each gradation failure in mastic asphalt.

b) For failure on more than 3 gradations in any asphalt mix. 50% of the cost of the work represented by the failed sample will not be paid to the contractors.

c) Rs.1,000/- each for failure in flow value/Bulk density/Void ratio/marshall stability in asphaltic mix beyond permissible limit as mentioned in the test report.

d) In case of excess % of bitumen in the bitumen mix beyond specified limit, a penalty of Rs.60/- per MT of AM/SC/AC having excess bitumen for 50MT or thereafter as applicable for which representative sample was taken will be imposed on C/s.

e) In case of less percentage of bitumen in the bitumen mix, than the specified limit, 50% of the cost of day's work represented by the sample will be recovered as penalty.

f) In case of failure of field density of Asphalt mix, the area represented by the sample has to be removed and redone.

The test of samples of asphalt macadam, asphaltic concrete, mastic asphalt, paver blocks, concrete cubes (28 days) flexural beams used in the work shall be carried out at municipal laboratory or approved laboratory as directed by engineer in-charge.

**15.19** The contractor shall maintain the following registers during execution of work, and it is mandatory to provide Lap Top to the site Engineers for this—

<b>List of Registers</b>	
<b>Register Code</b>	<b>Name of Register</b>
1	Inventory Register
2	Correspondence file
3	External & internal utility remarks file
4	File containing drawings
5	Daily Progress Register
6	Instruction Register
7	Level Book
8	Mix design file
9	Material Testing Result file
10	Photograph file

11	Excavation Register (Asphalt, rock, soil etc.)
12	Filling/Embankment Register
13	Removal Challans and Register (if dumped at Municipal Dumping Ground/ if paid separately)
14	G.S.B Register
15	W.M.M Register
16	Register for reinforcement steel
17	Sand Metal Filling Register
18	D.L.C. Register
19	Register for tension bar
20	Register for structural Steel
21	Pour Card Register
22	All Grade Concrete Register.
23	All grade of concrete Cube registers
24	Register for structural Steel
25	R.M.C. Challan file
26	Cement Variation Register
27	Joint Cutting Register
28	Precast item register (Paver blocks, Kerb stone etc
29	D.B.M. Register
30	Bituminous Register
31	Bituminous challan file
32	Penalty Register.
33	Contractor's site staff attendance register

Any other registers required as per description of items for any activity/material/quantity for which payment is made or as instructed by Engineer in Charge.

Hard copies of the registers signed by the contractors shall be provided as required.

**15.20** The successful bidder will make the arrangements of the required equipment on the day of commencement or with respect to the progress of the work in phases, as per the instructions of site in charge. If contractor fails provide equipment's as per instruction of engineer in charge, Penalty of Rs 5000/- day will be imposed and the same will be recovered from contractors ASD or Running Bill.

**15.21 Site Office/ Office for the Engineer**

i. If Site office with necessary requirements is not provided within 15 days after issue of work order, a penalty of Rs. 10000/- per day per item will be imposed.

ii. If there is further delay more than 30 days, a penalty of Rs. 20000/- per day (i.e., starting from 31st day from issue of work order) will be forfeited from paid ASD, OR will be recovered from 1st R.A.Bill.

iii. If there is further delay more than 45 days, a penalty of Rs. 50000/- per day (i.e. starting from 46th day from issue of work order) will be forfeited from paid ASD, OR will be recovered from 1st R.A. Bill.

iv. If any of the items at Sr.No.2 to 6 above is not provided, Additional penalty of Rs. 1000/- per day/per item, will be imposed.

**NOTE:**

AThe bidders have to consider the costs of all items related to site office and site laboratory and quote their % accordingly.

b AS per Circular No. Ch.E./487/Rds, Tr. & Br./SR Dated 18/9/12. On receipt of the work order, the contractor will have to provide for site office as per requirement either on his / her owned place or rented/leased place. The Cost for this may be charged to BMC by incorporating in the offer. No separate payment may be made for providing the Site office and ancillary items.

**15.22 FOR ASPHALT ROADWORKS:**

I. Loads of asphalt mix brought on Lorries shall be fully covered with tarpaulin, failing which **Rs.2500/- for every lorry** load received on the site uncovered with tarpaulin will be

imposed as penalty and the same will be recovered from the contractor's bill.

II. The lorry loads of the asphalt mix shall be checked at random at public weigh Bridge including the Tar Weight for verifying the correct weight of the mix at the rate of one load out of every tenloads.

III. Various asphalt mix challans shall bear printed serial No. weight and departure time from the plant end. The test reports of the test conducted in the asphalt plant laboratory shall invariably accompany with the firstload.

IV. The Mix Design for WMM/GSB/Paver Blocks/Concrete/Asphalt mix shall invariably include details of source material including tests carried out at source (Quarry/Cement Manufacturer's/Bitumen supplier' slab).

V. While laying asphalt mix layers on the existing bridge carriageway surface, care shall be taken to see that no manhole or chamber covers of drainage, etc. are buried or kept higher than bridge carriageway surface. They shall be first identified and raised or lowered to be flushed with final asphalt surface.

VI. Prime coat/Tack coat will be allowed during execution of resurfacing work only by mechanical sprayer.

VII. Field Density test shall be taken in Asphalt mix / Asphalt Concrete, W.M.M., D.L.C. and GSB.

VIII. The contractors shall bring the correct size of metal/material required for construction of water bound layers. The contractors will not be allowed to break stones, preparation of material for water bound layers onsite.

**15.23** The contractors should carry out if required, any minor works such as raising/lowering of manhole, attending to bad spots, bad patches etc. as may be decided by the Engineer-in charge anywhere within the concerned ward limit where the work is in progress under contract at the rates included in the Bill of Quantities of the above work with his percentage quoted.

#### **Maintenance Works –**

1) During the Contract period (including intervening monsoon) the contractor shall maintain the project roads in motorable and traffic worthy condition at his own cost. The contractor shall attend and repair the damaged portion of the project road and the said work shall be done within 24 hours from intimation as directed by Engineer. The contractor shall not be entitled for any additional cost for such work undertaken.

2) The defect liability period for the improved roads shall be as mentioned in Section 6. The contractor shall be liable to maintain the road during the defect liability period, which shall include any repairs, rectification of any part or portion of the project road

immediately without waiting for any notice or intimation and shall include.

- a) Maintaining roads signs, road markings, arrow marking etc. throughout the year.
- b) Maintaining the kerbs, dividers, with proper painting twice in a year preferably before and after monsoon, jointing etc.
- c) All Bridge and Roadside furniture shall be inspected, restored/painted to original condition.
- d) Surface deteriorations shall be rectified.
- e) Paver blocks- the undulations in the paver blocks settlement of paver blocks, broken pieces of paver blocks shall be rectified / replaced as directed.
- f) The contractors shall not allow any trenches on the project road, stretch without due permission from concerned authority of BMC.
- g) Cleaning and maintaining of laterals and water entrances of storm water drains including replacing missing /broken covers.
- h) Preventive Maintenance of Improved Bridge Carriageway Preventive maintenance uses pavement preservation techniques in terms of surface treatments and extends the service life of the pavement and minimizes the need for routine maintenance interventions. The bitumen in asphalt layers of the pavement, especially the wearing course, gets oxidized due to weathering conditions such as sun, wind and water. Due to this the wearing course hardens and becomes brittle causing cracking in the pavement. A seal coat (liquid seal coat) when applied as specified, provides a waterproofing layer on top of the wearing course and slows down the oxidation process. In the present case, initially, the seal coat should be applied during the dry season that follows the first monsoon rains after the construction of the pavement. Thereafter, the liquid seal coat may be applied 15 days before end of defect liability period as a preventive treatment after carrying out proper structural and functional evaluation of the pavement. For liquid seal coat, Rapid Setting (RS) grade of cationic bitumen emulsion shall be used.

The specifications in relevant clauses of Section 513 of MoRTH (2001) pertaining to Type-A Seal Coat with cationic RS grade emulsified bitumen should be followed. Alternatively, micro- surfacing can also be used as a surface treatment for preventive maintenance. In addition, the corrective and emergency repairs such as crack sealing, pothole and patch repair, etc., should be carried out as per Section 3004 of MoRTH (2001) as and when necessary.

The contractor shall not be entitled for any additional cost for above works. All of this cost should be included in fixed percentage quoted by bidder. The contractor shall not be entitled for any additional cost such works undertaken.

- i) Sealing of the joints of concrete pavements shall be done once a year, prior to monsoon.
- j) Contractor shall maintain the following after expiry of Defect liability period of respective items till completion of DLP of the as directed by Engineer In charge, for which payment will be made with quoted percentage of this tender as per prevailing schedule rates at the time of execution.
  - i. Maintaining roads signs, road markings, arrow marking, pedestrian crossings etc.
  - ii. Maintaining the kerbs, dividers, with proper painting etc.
  - iii. All roadside furniture shall be inspected, restored/painted to original condition
- 3) Prescribed period for completing the maintenance works shall be asunder:
  - a) Deteriorated surfaces in Asphalt, Paver Blocks that affect the movement of traffic shall be repaired/rectified within 24 hrs. of notice of such defects by the contractor or in his default when brought to his notice by concerned staff of BMC.
  - b) All other maintenance work like Road signs, Lane marking, railing etc. if found defective, shall be started within 7 days of notice of such defects by the contractors and completed within a reasonable period of 4 weeks or period as directed by Engineer whichever is earlier.
  - c) Filling of potholes or patching up should be taken and completed with 24 hrs. of issue of instructions to do so.
- 4) Penalty of Rs. 2500/- per day for every day of delay beyond period prescribed in the tender shall be levied as regards the Maintenance Works.
- 5) All scrap of fabrication steel in the bridge work shall be stacked properly in the concern ward office.
- 6) Challan of the scrap materials from ward shall be procured/ shall be maintained.
- 7) During the contract period/ execution of work, the tenderer shall be responsible for any damages caused to utilities such as road and must ensure the smooth flow of vehicular and pedestrian traffic and other services at their own risk and cost.
- 8) Safety of the existing bridge and its vicinity is complete responsibility of tenderer. Any damages to these structure for whatsoever reasons may, will be responsibility of the tenderer throughout the contract period and repair/ rectifications will be borne by Tenderer
- 9) Maintaining smooth flow of nalla is complete responsibility of tenderer. No extra payment will be made to tenderer for de-silting work of nalla.
- 10) An amount of 1% will be deducted from the R.A. bills in respect of Building

Construction and other Worker's cess as per directives of State Government and Circular in force as per circular no. CA/FRD/12 of 21.06.2012.

11) Circular for construction and demolition waste management rules: -

A circular regarding implementation of the construction and demolition waste management rules, 2016 has been issued by BMC u/No. Dy.Ch.Eng./SWM/3957/OD dated 28.09.2018. The said circular is to be implemented for the said tender work.

### **Special Instructions**

Bidder should note that if he fails to register with BMC within stipulated time the action as per clause no. 9.3 of 'Rules Governing Registration of contractors/for Civil/Mechanical/Electrical Engineering works 2016' will attract.

**SECTION 16**

**CIRCULAR**

(All the relevant and recent circulars are applicable to this Tender)

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

No. : MGC/F/6565 dtd. 25-9-2018

**CIRCULAR**

Sub : Setting up the parameters of litigation history of the bidders.

As approved by Hon'ble M.C., the clause of litigation history be included as part of SBD as below :-

- 1) The bidder shall disclose the litigation history in Packet 'B' under the head "Details of Litigation History".

If there is no Litigation History, the bidder shall specifically mention that there is no Litigation History against him as per the clause of Litigation History. In case there is Litigation History -

**Litigation History must cover – Any action of blacklisting, debarring, banning, suspension, deregistration and cheating with MCGM, State Govt., Central Govt. or any authority under State or Central Govt./Govt. organisation initiated against the company, firm, directors, partners or authorized signatory shall be disclosed for last 5 years from the date of submission of bid. Also, bidder must disclose the litigation history for last 5 years from the date of submission of bid about any action like show cause issued, blacklisting, debarring, banning, suspension, deregistration and cheating with MCGM and MCGM is party in the litigation against the company, firm, directors, partners or authorized signatory for carrying out any work for MCGM by any authority of MCGM and the orders passed by the competent authority or by any Court where MCGM is a party. While taking decision on litigation history, the concerned Chief Engineer or D.M.C. or Director, as may be the case, should consider the details submitted by bidder and take decision based on the gravity of the litigation and the adverse effect of the act of company, firm, directors, partners or authorized signatory on the MCGM works which can spoil the quality, output, delivery of any goods or any work execution and within the timeframe.**

- 2) The litigation history shall be treated as curable defect and hence, the portion/clause of SBD, (C) Bid Capacity at Pg. 15 & in the chapter of 'Instructions to Applicants' at Pg. 31 of the SBD will be now corrected by deleting the word litigation history and shall be read as below.

**C) Bid Capacity :**

**The bid capacity of the prospective bidders will be calculated as under: Assessed Available Bid Capacity = (A \* N<sup>2</sup> - B)**

Where,

A = Maximum value of Civil Engineering works executed in any one year (year means Financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year). For every intervening monsoon, 0.33 shall be added to N.

B = Value of existing commitments (only allotted works) on the last date of submission of bids as per bidding document and on-going works to be completed during the period of completion of the Project/Works for which these bids are being invited.

Note: The statement showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be attached along with certificates duly signed by the Engineer-in Charge, not below the rank of an Executive Engineer or equivalent.

Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation-history, or financial failures etc."

All the concerned are directed to implement the above directions with immediate effect.

9/c  
Director (E. S. & P.)

City Engineer/Ch.Eng.(Roads & Traffic) / Ch.Eng. (Bridges) / H. E. / Ch.Eng. (WSP) /Ch.Eng.(S.P.) /Ch.Eng(S.O.)/ Ch.Eng.(MSDP) / Ch.Eng. (BM) / Ch.Eng.(Vig) / Ch.Eng. (M&E) / Ch.Eng.(D.P.)/Ch.Eng.(SWD) / Ch.Eng. (Coastal Road) / Ch.Eng.(SWM) / Ch.Eng.(CTIRC)/Dv. Ch.Eng.(HIC) / Dv.Ch.Eng.(SIC), Supt. of Gardens/

Asstt. Comm. Ward / Asstt. Comm.(Markets) / Asstt. Comm. (Estate) / Asstt. Comm.(Planning) / Asstt. Comm.(R.E.) City/W.S./E.S.

No. DIR/ES & P/915/MC dtd. 27-9-2018

C.C. to : DMC(MCO)/ DMC (Imp.) / DMC(GA)/ DMC(Vig)/ DMC(SE) / DMC(E)/ DMC(CPD)/ DMC(SWM)/DMC (Education)/DMC (RE)/ DMC(PH)/ DMC(Z-I) / DMC(Z-II) / DMC(Z-III) / DMC(Z-IV) / DMC(Z-V)/ DMC(Z-VI)/ DMC(Z-VII) / C.A. (F) / C.A. (WSSD) / C.A. (C.P.D.) / Law Officer

Forwarded for information please. 9/c

Director (E.S.& P.)

No. No. DIR/ES & P/915/MC dtd. 27-9-2018

C.C. to:

Submitted please. 9/c

Director (E.S.& P.)

A.M.C.(City) / A.M.C.(E.S.) / A.M.C(W.S) / A.M.C(P)

Sir/Madam,

## Municipal Corporation of Greater Mumbai

No. Dy.Ch.Eng./SWM/3957/Op dt. /09/2018

### CIRCULAR

28-9-2018

**Subject:** Implementation of the Construction and Demolition Waste Management Rules, 2016

**Reference:** i) Hon'ble Supreme Court's order in the Special Leave Petition (civil) No. D 23708/2017, dated 15/03/2018  
ii) Hon'ble M.C. Sir's Approval u/no. MGC/F/7076 dtd. 30.08.2018

The Construction and Demolition Waste Management Rules, 2016 is applicable to 'every waste resulting from construction, re-modeling, repair and demolition of any civil structure of individual or organisation or authority who generates construction and demolition waste such as building materials, debris, rubble'.

Hon'ble Supreme Court vide order dated 15/03/2018, has directed to dispose of construction and demolition waste material by following due procedure in accordance with the provisions of the Construction and Demolition Waste Management Rules, 2016".

In order to put curb on the un-authorisedly dumped waste, it is essential to control it by asking ward Maintenance department or any MCGM department to issue work-permission only after assessing the total estimated quantity of C&D waste likely to be generated out of the repairs / construction / trenching work or any such civil works, and asking them to make payment in advance or in stages of waste generation for the 'Debris on Call' system or transport C&D waste to designated unloading site.

**Following standard operating procedure is proposed to be adopted:**

- 1) MCGM department like A. E. (Maintenance), A. E. (B&F), H.E., S.O., S.P., M.S.D.P., W.S.P., S.W.D., S.W.M., C.E., B.C., B.M., Roads, Bridges, etc. carrying out civil work / repairs works etc. shall put condition in the tender / quotation / work order to dispose of C&D waste generated either by (i) 'Debris on Call' scheme if generation of C&D waste is less than 300MT for entire project or (ii) contractor shall transport to designated unloading site approved by MCGM S.W.M. department by following due procedure if C&D waste is more than 300MT for entire project.
- 2) The estimated quantity of the C&D waste generated shall be certified by A.E. (Maintenance) Ward or the concerned department.
- 3) If quantity of C&D waste is less than 300MT, A. E. (S.W.M.) Ward will issue Challan for making payment as per 'Debris on call' scheme on approval from Zonal Ex. Eng. (S.W.M.).
- 4) If quantity of C&D waste is more than 300MT, the contractor / agency will submit C&D waste management plan complete with requisite documents to Zonal Ex. Eng. (S.W.M.). On approval, the contractor / citizen / agency carrying out the civil works will be allowed to transport the C&D waste material to the designated unloading site.
- 5) The contractor / citizen / agency carrying out the civil works shall maintain & submit the appropriate record like date, quantity of C&D waste transported, vehicle No., Challan of Receipt of C&D waste from unloading site etc.
- 6) The whole system of issuing NOC for C&D waste transportation and payment will be made ONLINE and for this M/S. Softtech will be asked to develop appropriate software on the basis of existing norms being done for auto-DCR portal.
- 7) The proposals will be processed manually till the complete system fully operational online.
- 8) All the contractors / agencies using designated unloading site must maintain proper record of the C&D waste generated and transported along with date and vehicles through which C&D is transported & the copies of Challans from unloading site for having unloaded the C&D waste and submit the same to A.E. (S.W.M.) ward through concerned department.


Sd/-07/08/2018  
Ch. Eng. (S.W.M.)

Sd/-07/08/2018  
D.M.C. (S.W.M.)

Sd/-10/08/2018  
A.M.C.(E.S.)

Sd/-29/08/2018  
Municipal Commissioner

Forwarded for information and compliance please

  
Dy. Ch. Eng. (SWM) Op.

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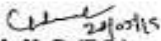
MUNICIPAL CORPORATION OF GREATER MUMBAI

No. AMC / ES / 2700 dt. 27.05.2019

**CIRCULAR**

Chief Engineer (Roads), Chief Engineer (S.W.D.), Chief Engineer (Bridges), Chief Engineer (S.W.M.) and Supdt. of Garden are hereby directed that henceforth no extension should be given to any works beyond stipulated time period, as mentioned in tender.

However, at the same time while forwarding any D.L. to M.S. for any work to be carried out, an undertaking should be obtained from the concerned contractor that the work will be completed within stipulated time period mentioned in tender and in case of not completing the work within that time period, penalty will be recovered for such lapses, as per tender condition.

  
A. M. C. (E.S.)

## **MUNICIPAL CORPORATION OF GREATER MUMBAI**

Central Purchase Department

### **CIRCULAR**

No. D.M.C./CPD/3217 Date: 02.03.2019

**Sub :** To incorporate new clause of Internal "GRIEVANCE REDRESSAL MECHANISM" in the standard Bid document.

**Ref:** i) CA/FRD/I/05 dt. 10.05.2016  
ii) MGC/F/8155 dtd: 30.01.2019.

- Vide above reference, Hon'ble M.C. has granted to discontinue the existing Procurement Redressal Committee & to incorporate new clause of Internal "GRIEVANCE REDRESSAL MECHANISM" as mentioned below in the bid document.

### **INTERNAL GRIEVANCE REDRESSAL MECHANISM**

M.C.G.M. has formed a Internal Grievance Redressal Mechanism for redressal of bidder's grievances. Any Bidder or prospective Bidder aggrieved by any decision, action or omission of the procuring entity being contrary to the provisions of the tender or any rules or guidelines issued therein, in Packet 'A', 'B' & 'C' can make an application for review of decision of responsiveness in Packet 'A', 'B' & 'C' within a period of 7 days or any such other period, as may be specified in the Bid document.

While making such an application to procuring entity for review, aggrieved bidders or prospective bidders shall clearly specify the ground or grounds in respect of which he feels aggrieved.

Provided that after declaration of a bidder as a successful in Packet 'A' (General Requirements), an application for review may be filed only by a bidder who has participated in procurement proceedings and after declaration of successful bidder in Packet 'B' (Technical Bid), an application for review may be filed only by successful bidders of Packet 'A'. Provided further that, an application for review of the financial bid can be submitted, by the bidder whose technical bid is found to be acceptable / responsive.

Upon receipt of such application for review, M.C.G.M. may decide whether the bid process is required to be suspended pending disposal of such review. The M.C.G.M. after examining the application and the documents available to him, give such reliefs, as

may be considered appropriate and communicate its decision to the Applicant and if required to other bidders or prospective bidders, as the case may be.

M.C.G.M. shall deal and dispose off such application as expeditiously as possible and in any case within 10 days from the date of receipt of such application or such other period as may be specified in pre-qualification document, bidder registration document or bid documents, as the case may be.

Where M.C.G.M. fails to dispose of the application within the specified period or if the bidder or prospective bidder feels aggrieved by the decision of the procuring entity, such bidder or prospective bidder may file an application for redressal before the 'Internal Procurement Redressal Committee' within 7 days of the expiry of the allowed time or of the date of receipt of the decision, as the case may be. Every such application for internal redressal before Redressal Committee shall be accompanied by fee of Rs.25,000/- and fee shall be paid in the form of D.D. in favour of M.C.G.M.

**1<sup>st</sup> Appeal by the bidder against the decision of C.E./HoD/Dean can be made to concerned D.M.C / Director who should decide appeal in 7 days.**

**If not satisfied, 2<sup>nd</sup> Appeal by the bidder can be made to concerned A.M.C for decision.**

Grievance Redressal Committee (GRC) is headed by concerned D.M.C / Director of particular department for the first appeal / grievances by the bidder against the decision for responsiveness / non-responsiveness in Packet 'A', Packet 'B' or Packet 'C', and if not satisfied, concerned A.M.C. will take decision as per second appeal made by the bidder.

This Grievance Redressal Committee (GRC) will be operated through DMC(CPD) office where appeals of aggrieved bidder will be received with fee of Rs. 25,000/- from aggrieved bidder. The necessary correspondence in respect of said applications to the aggrieved bidder & concerned department, issuing notices, arranging of Grievance Redressal Committee (GRC) with D.M.C and further proceeding will be carried out through registrar appointed by MCGM.

No application shall be maintainable before the redressal Committee in regard of any decision of the M.C.G.M. relating to following issues:

Determination of need of procurement

The decision of whether or not to enter into negotiations.

Cancellation of a procurement process for certain reasons.

On receipt of recommendation of the Committee, it will be communicated his decision thereon to the Applicant within 10 days or such further time not exceeding 20 days, as may be considered necessary from the date of receipt of the recommendation and in case of non-acceptance of any recommendation, the reason of such non-acceptance shall also be mentioned in such communication.

Additional Municipal Commissioner and/or Grievance Redressal Committee, if found, come to the conclusion that any such complaint or review is of vexatious, frivolous or malicious nature and submitted with the intention of delaying or defeating any procurement or causing loss to the procuring entity or any other Indor, then such complainant shall be punished with fine, which may extend to five Lac rupees or two percent of the value of the procurement, whichever is higher.

- All head of department are therefore requested to take a note of above and proce<sup>s</sup> tenders accordingly.

Sd/- 21.02.19  
D.M.C.(CPD)

CIRCULAR

2018-19

No. D.M.C./CPD/3217 Date: 02.03.2019

CC: to

Director(E&S&P)	D.M.C.(E)	D.M.C.(S-E)	D.M.C.(SWK)	D.M.C.(Education)
D.M.C.(Vig.)	D.M.C.(Z-R)	D.M.C.(Z-G)	D.M.C.(Z-III)	D.M.C.(Z-IV)
D.M.C.(Z-V)	D.M.C.(Z-VI)	D.M.C.(Z-VII)	D.M.C.(ABC)	D.M.C.(Improvement)
D.M.C.(D.M)	D.M.C.(Sol.)	D.M.C.(M.C.'s Office)	D.M.C.(E.R.)	Director(M.E. & M.H)
Ch.H.S.(Sp. Hosp.)	E.H.O Dean (LTMG Hosp. & Med. College)	P.S. to M.C. Dean (B.Y.L.Nair Hosp.)	C.E. Dean (Nair Hosp. Dental College)	P.S. to AMO(P)/H/O/CPD H.E.
Ch.E.(D.P)	Ch.E.(Roads & Traffic)	Ch.E.(M.S.D.P)	Ch.E.(SWD)	Ch.E.(S.O)
Ch.E.(S.P)	Ch.E.(W.S.P)	Ch.E.(Vig.)	Ch.E.(B.M)	Ch.E.(S.W.M)
Ch.E.(Bridge)	Ch.E.(M.S.E)	Ch.E.(C.T.E. & R.C)	Ch. L.O	Edu. Officer
M.A.	Security Officer	Law Officer	Supt. Of Garden	Supt. Of Licencr.
M.C.A	M.S.	C.A.(T)	C.A.(T)	C.A.(W.S.S.O)

Copy submitted for information please

⑤  
1590  
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Dy. CA (Exp)  
11

15/3/2019  
Dy. Ch.E. (CPD)

लेखा अधिकारी (उपज) 11

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बृहन्मुंबई महानगरपालिका

परिपत्रक

२०२०-२१

क्र.प्रले(वित्त)/४२ दिनांक ०९.१२.२०२१

**विषय:-** बृहन्मुंबई महानगरपालिकेत कंत्राटदारामार्फत पार पाडावयाच्या कामाच्या मसुदा निविदेमध्ये अतिरिक्त सुरक्षा अनामत रक्कमेबाबतची सुधारित अट समाविष्ट करण्याबाबत.

**संदर्भ:-** एमडीडी/७८७८ दिनांक २७.०९.२०१६.

बृहन्मुंबई महानगरपालिकेत कंत्राटदारामार्फत पार पाडण्यात येणाऱ्या कामाकरिताच्या मसुदा-निविदेत समाविष्ट करावयाच्या अतिरिक्त सुरक्षा अनामत रक्कमेबाबतच्या अटीबाबतचे निर्देश संदर्भित परिपत्रकान्वये निर्गमित करण्यात आले आहेत. त्यामध्ये खालीलप्रमाणे सुधारणा करण्यात येत आहे.

**विद्यमान पध्दत:-**

ई-निविदा सूचनेस प्रतिसाद करून ज्या ज्या कंत्राटदारानी वजा -१२% पेक्षा कमी दराने टक्केवारी उदधृत केली आहे, अश्या सर्व कंत्राटदारांना वजा १२% पेक्षा जास्त नमूद केलेल्या प्रत्येक टक्क्याला १% याप्रमाणे कोणतीही मर्यादा न ठेवता ऑनलाईन निविदा सादर करताना अतिरिक्त सुरक्षा अनामत रक्कम ऑनलाईन स्विकारली जाते.

**सुधारित पध्दत:-**

- कंत्राटदाराने वजा -१२% पेक्षा कमी दराने टक्केवारी उदधृत केली असल्यास वजा १२% पेक्षा जास्त असलेल्या प्रत्येक टक्क्याला १% याप्रमाणे ऑनलाईन निविदा सादर करताना अतिरिक्त सुरक्षा अनामत रक्कमेचा ऑनलाईन भरणा करणे आवश्यक नसेल.
- कंत्राट रकमेनुसार सक्षम प्राधिकार्यांची मंजूरी प्राप्त झाल्यानंतर प्रथम लघुतम असलेल्या निविदाकाराने कार्यस्विकृती पत्रात नमूद केल्यानुसार कार्यालयीन कामकाजाच्या १५ दिवसात विद्यमान पध्दतीनुसार अतिरिक्त सुरक्षा अनामत रक्कम डिमांड ड्राफ्ट स्वरूपात महानगरपालिकेचा नागरी सुविधा केंद्रात जमा करणे व त्या पावतीची प्रत खातेप्रमुखाकडे सादर करणे आवश्यक असेल.
- जर प्रथम लघुतम निविदाकाराने कार्यस्विकृती पत्रात नमूद केल्यानुसार कार्यालयीन कामकाजाच्या १५ दिवसांमध्ये अतिरिक्त सुरक्षा अनामत रक्कम जमा केली नाही तर सदर कंपनीने भरणा केलेली संपूर्ण इसारा अनामत रक्कम (EMD) जप्त केली जाईल तसेच कंपनीला दोन वर्षासाठी डीबार (Debar) करण्यात येईल, त्याचप्रमाणे त्या कंपनीचे संचालक/

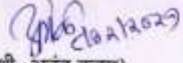
LoA)

(After giving)

पार्टनर इतर कंपनीमध्ये संचालक/ पार्टनर म्हणून कार्यरत असतील तर ती कंपनी सुद्धा दोन वर्षाकरिता डीबार (Debar) करण्याची कार्यवाही करण्यात येईल.

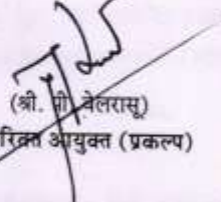
यापुढील कामाकरिताच्या मसुदानिविदेत परिपत्रकात नमूद केल्याप्रमाणे अतिरिक्त सुरक्षा अनामत रकमेबाबतची अट अंतर्भूत करण्यात यावी.

उपरोक्त सूचनांचे काटेकोरपणे अंमलबजावणी करण्याबाबत सर्व खाते प्रमुख/ सहाय्यक आयुक्त/ रुग्णालय अधिष्ठाता/ वैद्यकीय अधिक्षक/ उप प्रमुख लेखापाल/ लेखा अधिकारी यांनी दक्षता घ्यावी.

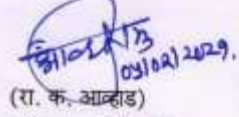


(श्री. अनंत कदम)

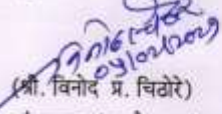
उपायुक्त - (पायाभूत सुविधा)

  
(श्री. सी. वेलरासू)

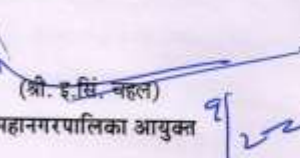
अतिरिक्त आयुक्त (प्रकल्प)

  
(रा. क. आन्हाड)

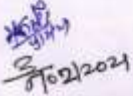
प्रमुख लेखापाल (वित्त) प्र.

  
(श्री. विनोद प्र. चिटोरे)

संचालक (अ. से. व. प्र)

  
(श्री. इ.सि. वहल)

महानगरपालिका आयुक्त

  
१७/०२/२०२४

## बृहन्मुंबई महानगरपालिका परिपत्रक

प्र.ले./वित्त/प्रकल्प/२८ दि. २८/०३/२०२३

विषय: एकसामायिक दरसूची २०२३ अंतर्भूत करून महानगरपालिकेद्वारे हाती घेण्यात येणारी विविध कामे तसेच प्राप्त करण्यात येणा-या वस्तु व सेवा हत्यादीबाबतच्या ई-निविदा/निविदा/दरपत्रक यामध्ये वस्तु व सेवा कराच्या अनुषंगाने अंतर्भूत करावयाच्या अटीबाबत.

संदर्भ: १) प्र.ले./वित्त/प्रकल्प/२५ दि.१२.०७.२०२२

२) संचालक/अ.से.व प्र./२९१/एमसी दि.३१.०१.२०२३

बृहन्मुंबई महानगरपालिकेद्वारे हाती घेण्यात येणारी विविध कामे तसेच प्राप्त करण्यात येणा-या वस्तु व सेवा हत्यादीबाबतच्या ई-निविदा/निविदा/दरपत्रक यामध्ये वस्तु व सेवा कराच्या अनुषंगाने अंतर्भूत करावयाच्या अटीबाबत संदर्भित क्र. १ वरील परिपत्रकान्वये सूचना प्रसृत केल्या आहेत.

महानगरपालिका आयुक्त यांच्या क्र. एमजीसी/एफ/८७७१ दि. ३०.०१.२०२३ अन्वये एकसमान दरसूची २०२३ प्रसारीत करण्यात आली आहे. सदर एकसामायिक दरसूची २०२३ हि वस्तु व सेवाकर वगळून तयार करण्यात आली आहे. सदर अद्ययावत एकसामायिक दरसूची २०२३ नुसार अंदाजपत्रक तयार करून मागविण्यात आलेल्या/येणा-या ई-निविदा/निविदा/दरपत्रक यांमध्ये वस्तु व सेवाकराच्या अनुषंगाने महानगरपालिकेद्वारे हाती घेण्यात येणारी विविध कामे तसेच प्राप्त करण्यात येणा-या वस्तु

व सेवा इत्यादीबाबतच्या ई-निविदा/निविदा/दरपत्रक यामध्ये संदर्भित क्र.१ अन्वये दिलेल्या अटीमध्ये पुढीलप्रमाणे बदल करण्यात येत आहे.

विद्यमान अट	सुधारित अट
<p>“GST and other state levies/cess which are not subsumed under GST will be applicable. The tenderer shall quote inclusive of all taxes applicable at the time of bid submission. It is clearly understood that BMC will not bear any additional liability towards payment of any Taxes &amp; Duties.</p> <p>Wherever the services to be provided by the Tenderers, falls under Reverse Charge Mechanism, the Price quoted shall be exclusive of GST, but inclusive of Taxes/Duties/Cess other than GST, if any.</p> <p>Rates accepted by BMC shall hold good till completion of work and no additional individual claim shall be admissible on account of fluctuations in market rates; increase in taxes/any other levies / tolls etc. except that payment/recovery for overall market situation shall be made as per Price variation <b>and if there is any subsequent change (after submission of bid) in rate of GST applicable on the work/services to be executed as per tender, i.e. any increase will be reimbursed by BMC whereas any reduction in the rate of GST shall be passed on to BMC as per the provisions of the GST Act.</b></p>	<p>The tenderer shall quote inclusive of all taxes other than GST (<b>Excluding GST</b>), <u>Levies, Duties, Cess etc as applicable at the time of bid submission.</u> GST as applicable shall be paid separately on submission of bills/invoice.</p> <p>Input Tax Credit of GST as available with the bidder will not be claim separately by BMC. However, while quoting the rates benefit of Input Tax Credit or Exemptions shall be passed on to the BMC by way of equivalent reduction in quoted price.</p>

उपरोक्त सुधारीत अट अद्ययावत एकसामायिक दरसूची २०२३ नुसार अंदाजपत्रक तयार करुन मागविण्यात आलेल्या/ येणा-या ई-निविदा/निविदा/दरपत्रक या कामांकरिता लागू असेल.

अतएव, सध्या ज्या ई-निविदा/निविदा/दरपत्रक एकसामायिक दरसूची २०२३ अंतर्भूत करुन मागविलेल्या आहेत अशा निविदांमध्ये नियत दिनांकापूर्वी शुद्धीपत्रकाद्वारे उपरोक्त सुधारीत अट समाविष्ट करण्याबाबत तसेच यापुढे एकसामायिक दरसूची २०२३ अंतर्भूत करुन मागविण्यात येणाऱ्या ई-निविदा/निविदा/दरपत्रक यांमध्ये उपरोक्त सुधारीत अट समाविष्ट करण्याबाबत संबंधित खातेप्रमुख यांनी दक्षता घ्यावी.

सर्व खातेप्रमुख, रूग्णालयांचे अधिष्ठाता, सहायक आयुक्त, यांनी उपरोक्त सुचनांचे काटेकोरपणे अनुपालन करावे.

सही/- २८/०३/२०२३

(पांडुरंग गोसावी)

**प्रमुख लेखापाल (पा.पु.म.नि.)**

सही/- २८/०३/२०२३

(प्रदिप पडवळ)

**प्रमुख लेखापाल (वित्त) प्र.**

सही/- २८/०३/२०२३

(रामदास आव्हाड)

**उप आयुक्त (वित्त)**

सही/- २८/०३/२०२३

(पी. वेलरासू)

**अतिरिक्त आयुक्त (प्रकल्प)**

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

No. : MGCT/6565 dtd. 25-9-2018

**CIRCULAR**

Sub : Setting up the parameters of litigation history of the bidders.

As approved by Hon'ble M.C., the clause of litigation history be included as part of SBD as below :-

- 1) The bidder shall disclose the litigation history in Packet 'B' under the head "Details of Litigation History".

If there is no Litigation History, the bidder shall specifically mention that there is no Litigation History against him as per the clause of Litigation History. In case there is Litigation History -

**Litigation History must cover - Any action of blacklisting, debarring, banning, suspension, deregistration and cheating with MCGM, State Govt., Central Govt. or any authority under State or Central Govt./Govt. organisation initiated against the company, firm, directors, partners or authorized signatory shall be disclosed for last 5 years from the date of submission of bid. Also, bidder must disclose the litigation history for last 5 years from the date of submission of bid about any action like show cause issued, blacklisting, debarring, banning, suspension, deregistration and cheating with MCGM and MCGM is party in the litigation against the company, firm, directors, partners or authorized signatory for carrying out any work for MCGM by any authority of MCGM and the orders passed by the competent authority or by any Court where MCGM is a party. While taking decision on litigation history, the concerned Chief Engineer or D.M.C. or Director, as may be the case, should consider the details submitted by bidder and take decision based on the gravity of the litigation and the adverse effect of the act of company, firm, directors, partners or authorized signatory on the MCGM works which can spoil the quality, output, delivery of any goods or any work execution and within the timeframe.**

- 2) The litigation history shall be treated as curable defect and hence, the portion/clause of SBD, (C) Bid Capacity at Pg. 15 & in the chapter of 'Instructions to Applicants' at Pg. 31 of the SBD will be now corrected by deleting the word litigation history and shall be read as below.

**C) Bid Capacity :**

**The bid capacity of the prospective bidders will be calculated as under: Assessed Available Bid Capacity = (A \* N \* 2 - B)**

Where,

A = Maximum value of Civil Engineering works executed in any one year (year means Financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year). For every intervening monsoon, 0.33 shall be added to N.

B = Value of existing commitments (only allotted works) on the last date of submission of bids as per bidding document and on-going works to be completed during the period of completion of the Project/Works for which these bids are being invited.

Note: The statement showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be attached along with certificates duly signed by the Engineer-in Charge, not below the rank of an Executive Engineer or equivalent.

Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation-history, or financial failures etc."

All the concerned are directed to implement the above directions with immediate effect.

o/c

Director (E. S. & P.)

City Engineer/Ch.Eng.(Roads & Traffic) / Ch.Eng. (Bridges) / H. E. / Ch.Eng. (WSP) /Ch.Eng.(S.P.) /Ch.Eng.(S.O.)/ Ch.Eng.(MSDP) / Ch.Eng. (BM) / Ch.Eng.(Vig) / Ch.Eng. (M&E) / Ch.Eng.(D.P.)/Ch.Eng.(SWD) / Ch.Eng. (Coastal Road) / Ch.Eng.(SWM) / Ch.Eng.(CTIRC)/Dv. Ch.Eng.(HIC) / Dv.Ch.Eng.(SIC), Supt. of Gardens/

Asstt. Comm. Ward / Asstt. Comm.(Markets) / Asstt. Comm. (Estate) / Asstt. Comm.(Planning) / Asstt. Comm.(R.E.) City/W.S./E.S.

No. DIR/ES & P/915/MC dtd. 27-9-2018

C.C. to : DMC(MCO)/ DMC (Imp.) / DMC(GA)/ DMC(Vig)/ DMC(SE) / DMC(E)/ DMC(CPD)/ DMC(SWM)/DMC (Education)/DMC (RE)/ DMC(PH)/ DMC(Z-I) / DMC(Z-II) / DMC(Z-III) / DMC(Z-IV) / DMC(Z-V)/ DMC(Z-VI)/ DMC(Z-VII) / C.A. (F) / C.A. (WSSD) / C.A. (C.P.D.) / Law Officer

Forwarded for information please.

o/c

Director (E.S.& P.)

No. No. DIR/ES & P/915/MC dtd. 27-9-2018

C.C. to:

Submitted please.

o/c

Director (E.S.& P.)

A.M.C.(City) / A.M.C.(E.S.) / A.M.C(W.S) / A.M.C(P)

Sir/Madam,

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

No. : MGC/F/8659 Dtd. 07.09.2019.

Sub : Arbitration clause in the Standard General Conditions of Contract for Construction Works, 2016.

In one of the cases of W.S.P. regarding arbitration dispute, a note was submitted by DyLaw Officer (High Court, Suit & PIL) and subsequently the report is submitted by Jt. M.C. (Vig.) vide No. Jt.M.C./Vig./69/MC dtd. 21-8-2019 proposing a process to deal with the arbitration matters as per the Law & Judiciary, Govt. of Maharashtra, policy for institutional arbitration vide it's G.R. dtd. 13-10-2016 and the report submitted by Jt. M.C. (Vig.) is approved by Hon'ble M.C. on 17-8-2019.

There is a provision of arbitration clause in the Standard General Condition of Contract for Construction Works, point no. 13 (e) reads as follows :-

**13.e) Arbitration and Jurisdiction:**

If the Commissioner shall fail to give notice of the decision as aforesaid within a period of 90 days after being requested as aforesaid, or if the Contractor be dissatisfied with any such decision, then and in any such case the Contractor may within 90 days after receiving notice of such decision or within 90 days after the expirations of the first named period of 90 days (as the case may be) require that the matter or matters in dispute be referred to arbitration as hereinafter provided. All disputes or differences in respect of which the decision (if any) of the Commissioner has not become final and binding as aforesaid shall be finally settled by arbitration as follows:

Arbitration shall be effected by a single arbitrator agreed upon the parties. The arbitration shall be conducted in accordance with the provisions of the Arbitration Act, 1996 or any statutory modifications thereof, and shall be held at such place and time within the limits of Brihan Mumbai as the arbitrator may determine. The decision of the arbitrator shall be final and binding upon the parties hereto and the expense of the arbitration shall be paid as may be determined by the arbitrator. Performance under the Contract shall, if reasonably be possible, continued during the arbitration proceedings and payment due to the Contractor by the Employer shall not be withheld unless they are the subject matter of arbitration proceedings. The said arbitrator shall have full power to open up, review and revise any decision, opinion, direction, certification or valuation of the Commissioner and neither party shall be limited in the proceedings before such arbitrator to the evidence or arguments put before the Commissioner for the purpose of obtaining his said decision.

No decision given by the Commissioner in accordance with the foregoing provisions shall disqualify him from being called as a witness and giving evidence before the arbitrator on any matters whatsoever relevant to the disputes or difference referred to the arbitrator as aforesaid.

All awards shall be in writing and for claims equivalent to 5,00,000 or more such awards shall state reasons for amounts awarded. The expenditure of arbitration shall be paid as may be determined by arbitrator.

In case of any claim, dispute or difference arising in respect of a contract, the cause of action thereof shall be deemed to have arisen in Mumbai and all legal proceedings in respect of any claim, dispute or difference shall be instituted in a competent court in the City of Mumbai only.

As per Hon'ble M.C.'s approval dtd. 17-8-2019, the existing clause is now replaced as follows :

#### 13.e Arbitration and Jurisdiction

If the Commissioner fails to give notice of the decision as aforesaid within a period of 90 days after being requested as aforesaid or if the Contractor is dissatisfied with any such decision, then the Contractor may within 90 days after receiving notice of such decision or within 90 days after the expiration of the first named period of 90 days (as the case may be) require that the matter or matters in dispute be referred to arbitration as hereinafter provided.

i) In case of a contract where the contract price and/ or contract value is less than Rs. 5,00,00,000/- (Rupees Five Crore Only), any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to a mutually agreed arbitral tribunal in accordance with the Arbitration and Conciliation Act, 1996 (amended upto date). The arbitral tribunal shall consist of a sole arbitrator, as mutually agreed upon by the parties and the said dispute shall be finally resolved by the said arbitral tribunal. The decision of the arbitral tribunal shall be in writing (with reasons) and which will be final and binding upon the parties hereto and the expenses of the arbitration shall be paid as may be determined by the arbitral tribunal. The seat of the arbitration shall be Mumbai. The venue of arbitration shall be within the limits of Brihan Mumbai. The language of the Arbitration shall be English.

If the parties fails to appoint mutually agreed arbitral tribunal, within the period of 30 days from the date of application seeking arbitration in the dispute,

the arbitral tribunal shall be appointed by the recognised arbitral institution i.e. Mumbai Centre for International Arbitration (approved by Government of Maharashtra under G.R. no. ARB/Case No. 1/2017/D-19 dtd. 28.02.2017) as per the Arbitration Rules of the Mumbai Centre for International Arbitration then in force ("MCIA Rules").

(ii) In case of contract where the contract price and/ or contract value is Rs.5,00,00,000/- (Rupees Five Crore Only) or more, any dispute arising out of or in connection with such a contract, including any question regarding its existence, validity or termination, shall be directly referred to and finally resolved by the recognized arbitral institution i.e. Mumbai Centre for International Arbitration (approved by Government of Maharashtra under G.R. no. ARB/Case No. 1/2017/D-19 dtd. 28.02.2017) as per the Arbitration Rules of the Mumbai Centre for International Arbitration then in force ("MCIA Rules"). The arbitral tribunal shall consist of a sole arbitrator. The seat of the arbitration shall be Mumbai. The language of the Arbitration shall be English.

In either case, the law governing this arbitration agreement and the contract shall be Indian Law.

All the HoDs are hereby directed to note the revised clause in G.C.C. as mentioned above and ensure that the same is included in the tenders invited from 15-1-2019 onwards. If the tenders are already invited before 15-1-2019 and the Packet 'A' is not opened, then the corrigendum shall be issued so as to see that all the new tenders accepted/invited after 15-9-2019 shall include this revised condition and will become a part of the contract for all such works.

Sd/-22.08.2019  
Dir. (E.S. & P.)

Sd/-29.08.2019  
A.M.C. (P)

Sd/-06.09.2019  
M.C.

No. : DIR/ES&P/919/MC dtd. 16.09.2019.

Copy to :

Asstt. Comm. A 407 Ward / Civ Engineer/Ch.Eng.(Roads & Traffic) / Ch.Eng. (Bridges) / H. E. / Ch.Eng. (WSP) / Ch.Eng.(S.P.) / Ch.Eng.(MSDP) / Ch.Eng. (BM) / Ch.Eng.(Vig) / Ch.Eng. (M&E) / Ch.Eng.(D.P.)/Ch.Eng.(SWD) / Ch.Eng.(SWM) / Ch.Eng.(CTIRC)/Ch.Eng. (Coastal Roads) / Dv. Ch.Eng.(HIC) / Dv.Ch.Eng.(SIC) / Supdt. of Gardens / CA (F) / CA (WSSD) / CA (CPD)

Forwarded for information and necessary action please.

07c  
Director (E. S. & P.)

No.. : DIR/ES&P/919/MC dtd. 16.09.2019.

C.C. to : DMC(MCO)/ Jt.MC(GA)/ DMC(SE) / DMC(E)/ DMC(CPD)/  
Jt.MC(SWM)/ DMC(Z-I) / DMC(Z-II) / DMC(Z-III) / Jt.MC(Z-IV) / Jt.MC(Z-V)/  
DMC(Z-VI)/ Jt.MC(Z-VII) / D.M.C. (PH) / DMC (Edu.) / DMC (RE) / DMC (DM)

Forwarded for information please.

o/c

*[Signature]*  
16/09/19  
Director (E.S.& P.)

No.. : DIR/ES&P/919/MC dtd. 16.09.2019.

C.C. to: Law Officer

For compliance of para 'Y' at Pg. N/35 at your end and do the needful as per Hon'ble M.C.'s order. Original file is forwarded herewith.

*[Signature]*  
16/09/19  
Director (E.S.& P.)

o/c

No.. : DIR/ES&P/919/MC dtd. 16.09.2019.

C.C. to:

As per the note of Law Officer u/no. LO/LOP/3110/ Dy.LO (H.C. suits & PIL) dt.28.08.2019, the clause as modified by Law Officer & which is approved by Hon'ble M.C. is included in the circular please while issuing the circular.

Submitted please.

*[Signature]*  
16/09/19  
Director (E.S.& P.)

Jt.MC(Vig)/A.M.C.(City) / A.M.C.(E.S.) / A.M.C.(W.S) / A.M.C(P)

Sir/Madam,

Hon'ble M.C.

Sir,

o/c

## वृहन्मुंबई महानगरपालिका विधी खाते

परिपत्रक क्र. २६२०६ दि. ३१.०८.२०२३

विषय - कंत्राट करार करण्यासाठी वसूल करावयाचे विधी आकार (Legal charges) व लेखनसाहित्य आकार (Stationery charges)

संदर्भ - १. परिपत्रक क्र. १०५३९ दि. २८.०३.२०२३  
२. एमजीसी/एफ/५३४ दि. २८.०८.२०२३


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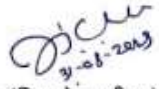
महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणा-या निविदांसंदर्भात लेखी करार करताना पक्षकाराकडून एकत्रितरित्या आकारावयाच्या विधी आकार व लेखनसाहित्य आकाराची उपरोक्त संदर्भित क्र. १ वरील परिपत्रकानुसार दि. ०१.०४.२०२३ पासून आकारणी करण्यात आलेली आहे.


तथापि महानगरपालिका आयुक्त यांच्या संदर्भ क्र. २ च्या मंजूरीनुसार कंत्राट करार करण्यासाठी वसूल करावयाचे विधी आकार (Legal charges) व लेखनसाहित्य आकार (Stationery charges) यामध्ये सुधारणा करण्यात आली असून खालील तक्त्यामध्ये दर्शविल्याप्रमाणे दि.०१.०९.२०२३ पासून सुधारीत विधी व लेखनसाहित्य (एकत्रितरित्या) आकार विहित करण्यात आलेले आहेत.

अनु. क्र	कंत्राट किंमत	एकत्रितरित्या आकारावयाचे सुधारीत विधी व लेखन साहित्य आकार दि. ०१.०९.२०२३ पासून दि. ३१.०३.२०२४ पर्यंत
१	रु. ५०,०००/-	निरंक
२	रु. ५०,००१ ते रु. १,००,००,०००	कंत्राट किमतीच्या ०.१०% दराने (अशी येणारी रक्कम पुढील शंभराच्या पटीत परावर्तित करणे यासापेक्ष) अधिक १८% दराने वस्तू व सेवाकर ( किमान रु. १०००/- अधिक वस्तू व सेवाकर आणि कमाल रु. १००००/- अधिक वस्तू व सेवाकर )
३	रु. १,००,००,००१ ते रु. १०,००,००,०००/-	रु. १,००,००,०००/- पर्यंतच्या कंत्राट किमतीसाठी रु.१०,०००/- अधिक रु. १,००,००,०००/- पेक्षा जास्त रक्कमेवर ०.०५% दराने (अशी येणारी रक्कम पुढील शंभराच्या पटीत परावर्तित करणे यासापेक्ष) अधिक १८% दराने वस्तू व सेवाकर

४	रु. १०,००,००,००१ ते पुढील कंत्राट किमतीसाठी	रु. १०,००,००,०००/- पर्यंतच्या कंत्राट किमतीसाठी रु.५५,०००/- अधिक रु. १०,००,००,०००/- पेक्षा जास्त रक्कमेवर ०.०१% दराने (अशी येणारी रक्कम पुढील शंभराच्या पटीत परावर्तित करणे यासापेक्ष) अधिक १८% दराने वस्तू व सेवाकर
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( शोभा अजितकुमार )  
उप कायदा अधिकारी  
(हस्तांतरण -२)

  
( संदिप मो. पाटील )  
संयुक्त कायदा अधिकारी (प्र.)  
(शहर दिवाणी न्यायालय)

  
( सुनिल सोनवणे )  
कायदा अधिकारी  
विधि खाते

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

**CIRCULAR**

**No.CA (F)/Project/31 Dt. 26/10/2020.**

**Subject:** - Revised Policy for Governing Extra-excess-saving

**Ref:-** 1. Circular No.CA/FRD/I/57 dt.13.03.2013.

2. Circular No. Dir/E.S.&P./324 dt.15.07.2015.

At present the extra/excess/saving proposals are dealt as per Decision Rules framed under circular No.CA/FRD/I/57 of 13.03.2013 &Dir/E.S.&P./324 dt.15.07.2015.

Hon'ble M.C. has directed to review the existing Decision Rules and amend it suitably. Accordingly, in view to exercising effective control over the extra/excess and speedy process of such proposal during execution of the work, the powers of approval of extra/excess /saving and Fair items are reviewed and delegated according to the attached modified statement-"A". Except this, other conditions of Circular No. DIR./E.S.&P./324 dt.15.07.2015 shall remain unchanged and will be applicable as it is.

The "Decision Rules" framed and circulated apropos circular No.CA/FRD/I/57 of 13.03.2013 and Dir/ES&P/324 of 15.07.2015 shall remain applicable for those extra/excess works which were executed before issuance of these amended rules/directives by obtaining prior administrative approval of competent authority, as the case may be.

The revised policy for governing Extra/Excess and Fair items will come into effect immediately from the issuance of this circular.

All Chief Engineers/ Head of Departments/Deans shall note the above directives and follow them scrupulously.

Sd/- 13.10.2020

**C. A. (WSSD)**

Sd/- 13.10.2020

**C. A. (Finance)l.c.**

Sd/- 13.10.2020

**D.M.C. (Infra)**

Sd/- 13.10.2020

**D.M.C.(E.)**

Sd/- 14.10.2020

**D.M.C.(S.E.)**

Sd/- 13.10.2020

**Dir.(E.S.&P.)**

Sd/- 16.10.2020

**A.M.C. (Project)**

Sd/- 23.10.2020

**Municipal Commissioner**

**Statement –A**

**(i) Extra/Excess/Saving**

Nature of work	Permissible limit of Extra/Excess/Saving and Approving authority		
	DMC(Infra)/ DMC(E)/ DMC(SE)/ Dir(ES&P)/ Jt.M.C.	Concerned A.M.C.	Municipal Commissioner
General Work/ Underground works/ Unforeseen works	(i) <u>Cumulative</u> amount of Extra/Excess/Saving in any <u>individual item</u> Upto Rs.25 Lakh And (ii) Total <u>Cumulative</u> amount of Extra/Excess/Saving <u>on all items</u> upto 5% of the total contract cost, but not exceeding Rs.1 crore	(i) <u>Cumulative</u> amount of Extra/Excess/Saving in any <u>individual item</u> Upto Rs.1crore And (ii)Total <u>Cumulative</u> amount of Extra/Excess/Saving <u>on all items</u> upto 15 % of the total contract cost, but not exceeding Rs.10 crore	(i) <u>Cumulative</u> amount of Extra/Excess/Saving in any <u>individual item</u> above Rs.1Crore And / OR (ii)Total <u>Cumulative</u> amount of Extra/Excess/Saving <u>on all items</u> above 15% of the total contract cost And / OR <u>Cumulative</u> amount of Extra/Excess/Saving <u>on all items</u> exceeding Rs.10 Crores.
<b>Payment Terms:</b> <u>Excess Items</u> shall be paid as per the rates quoted by the tenderer at the time of tender <u>Extra Items</u> shall be paid as per the rate prevailing in "Unified Schedule of Rate" of MCGM at the time of tender at rebate quoted by the contractor or at Par in case of premium quoted by the contractor at the time of tender			

**(ii) Fair Item**

Nature of work	Permissible limit of Fair Item and Approving authority		
	DMC(Infra)/ DMC(E)/ DMC(SE)/ Dir(ES&P)/ Jt.M.C.	Concerned A.M.C.	Municipal Commissioner
For all nature of work	Total <i>Cumulative</i> amount of Fair <i>on all items</i> upto 2% of the total contract cost, but not exceeds Rs.20 Lakh	Total <i>Cumulative</i> amount of Fair <i>on all items</i> upto 5 % of the total contract cost, but not exceeds Rs.1 crore  (Other than the proposals in the purview of DMC/Jt.MC)	Total <i>Cumulative</i> amount of Fair <i>on all items</i> above 5% of the total contract cost. And / OR <i>Cumulative</i> amount of Fair <i>on all items</i> exceeding Rs.1 Crore.

**Payment Terms:**

**Fair Items** shall be got approved by the concerned DMC/Dir(ES&P)/Jt.M.C. The engineer in-charge shall work out these fair items at fair and reasonable market rates on the basis of material, labour and operation of construction equipment required to execute the item and allowing 15% to cover profits and overhead charges(i.e. including taxes, duties, etc.) On the same lines of rate analysis prepared for the items that are in "Unified Schedule of Rate" of MCGM.

**The rates of Fair Items** shall be valid for one year only. Moreover, no escalation will be admissible on the fair items till the completion of such works, in which the fair items are executed.

**Fair Items** shall be paid **at PAR** in case of premium quoted by the contractor, in newly created FAIR ITEM or item not included in prevailing "Unified Schedule of Rate" of MCGM at the time of tender. OR at rebate quoted by the contractor if it is already added in prevailing "Unified Schedule of Rate" of MCGM at the time of tender.

Sd/- 13.10.2020

Sd/- 13.10.2020

Sd/- 13.10.2020

Sd/- 13.10.2020

Sd/-14.10.2020

Sd/-13.10.2020

C. A. (WSSD)

C. A. (Finance)i.e.

D.M.C.(Infra)

D.M.C.(E.)

D.M.C.(S.E.)

Dir.(E.S.&P.)

बृहन्मुंबई महानगरपालिका

परिपत्रक

२०२५-२६

क्र. सीए / एफआरजी / १५ दिनांक २०.०३.२०२६

विषय :- महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणा-या अनस्टार दरपत्रिका / निविदा / दरपत्रिका / ई-दरपत्रिका / ई-निविदा दस्तऐवजांकरिता आकारण्यात येणाऱ्या निविदा शुल्कात (Tender Fee) वाढ करण्याबाबत.

संदर्भ :- १) क्र. एमजीसी/एफ/४४७१ दि. ०३.१०.२०२४

२) परिपत्रक क्र. सीए/एफआरजी/०९ दि. ०४.१०.२०२४

३) परिपत्रक क्र. सीए/एफआरजी/१७ दि. १७.०३.२०२५

बृहन्मुंबई महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणाऱ्या अनस्टार दरपत्रिका / निविदा / दरपत्रिका / ई-दरपत्रिका / ई-निविदा दस्तऐवज यांच्या करिता पक्षकारांकडून आकारण्यात येणारे निविदा शुल्क उपरोक्त संदर्भ क्र. ०३ वरील परिपत्रकानुसार दिनांक ०१.०४.२०२५ पासून दिनांक ३१.०३.२०२६ पर्यंत सुधारीत दराने ऑनलाईन पद्धतीने आकारण्याबाबत निर्देश देण्यात आले होते.

दिनांक ०१.०४.२०२६ पासून मागविण्यात येणाऱ्या अनस्टार दरपत्रिका / निविदा / दरपत्रिका / ई-दरपत्रिका / ई-निविदा दस्तऐवजांच्या किंमतीच्या दरांमध्ये सन २०२५-२६ या वर्षामध्ये १०% वाढ करण्यात येत आहे त्यानुसार लागू करावयाचे निविदा शुल्काचे सुधारित दर खालीलप्रमाणे आहेत :-

अनु क्र.	स्वारस्याची अभिव्यक्ती प्रस्ताव/ मालाचा पुरवठा/ सल्लागार सेवासह स्थापत्य कामे आणि सेवा इत्यादी विषयक कार्यालयीन अंदाजे रक्कम	अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ ई-निविदा दस्तऐवजांचे विद्यमान निविदा शुल्क (दि. ०१.०४.२०२५ पासून दि. ३१.०३.२०२६ पर्यंत)	दि. ०१.०४.२०२६ पासून दि. ३१.०३.२०२७ पर्यंत मागविण्यात येणाऱ्या अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ ई-निविदा दस्तऐवजांचे सर्व देकारदारांकडून वसूल करावयाचे निविदा शुल्क
०१	रु. ०३ लाखापर्यंत	रु. ३६३/- + १८% वस्तू व सेवाकर	रु. ४००/- + १८% वस्तू व सेवाकर
०२	रु. ३,००,००१/- ते रु. ५,००,०००/-	रु. ७२६/- + १८% वस्तू व सेवाकर	रु. ८००/- + १८% वस्तू व सेवाकर

०३	रु. ५,००,००१/- ते रु. १०,००,०००/-	रु. १,४५२/- + १८% वस्तु व सेवाकर	रु. १,६००- + १८% वस्तु व सेवाकर
०४	रु. १०,००,००१/- ते रु. २५,००,०००/-	रु.३,६३०/- + १८% वस्तु व सेवाकर	रु.३,९९३/- + १८% वस्तु व सेवाकर
०५	रु. २५,००,००१/- ते रु. ५०,००,०००/-	रु. ७२६०/- + १८% वस्तु व सेवाकर	रु. ७,९८६/- + १८% वस्तु व सेवाकर
०६	रु. ५०,००,००१/- ते रु. १,००,००,०००/-	रु.१४,५२०/- + १८% वस्तु व सेवाकर	रु.१५,९७२/- + १८% वस्तु व सेवाकर
०७	रु. १,००,००,००१/- ते रु. २५,००,००,०००/-	रु.१८,१५०/- + १८% वस्तु व सेवाकर	रु १९,९६५/- + १८% वस्तु व सेवाकर
०८	रु. २५,००,००,००१/- पेक्षा जास्त	रु.३०,२५०/- + १८% वस्तु व सेवाकर	रु. ३३,२७५/- + १८% वस्तु व सेवाकर

अनस्टार दरपत्रिका / निविदा / दरपत्रिका / ई-दरपत्रिका / ई-निविदा दस्तऐवजांच्या किमतीचे सुधारीत निविदा शुल्क दिनांक ०१.०४.२०२६ पासून दिनांक ३१.०३.२०२७ पर्यंत अमलात येतील. संदर्भ क्र. २ च्या परिपत्रकातील अन्य निर्देशांमध्ये कोणतेही बदल करण्यात आलेले नाहीत.

तरी सर्व खाते प्रमुख/सहाय्यक आयुक्त / रुग्णालय प्रमुख / अधिष्ठाता यांनी त्यांच्या अखत्यारीतील संबंधित कर्मचारी वृंदांना उपरोक्त सुचनेची काटेकोरपणे अमलबजावणी करण्याचे तसेच दिनांक ०१.०४.२०२६ पासून मागविण्यात येणाऱ्या अनस्टार दरपत्रिका / निविदा / दरपत्रिका / ई-दरपत्रिका / ई-निविदा दस्तऐवजांकरीता या परिपत्रकातील सुधारीत दरांनुसार निविदा शुल्क आकारण्याचे निर्देश द्यावेत.

सही/- ०५.०२.२०२६  
श्रीम. वैशाली देसाई  
प्रमुख लेखापाल (वित्त) प्र.

परिपत्रक  
२०२५-२६  
क्र.सीए / एफआरजी /१५ दिनांक २०.०३.२०२६

प्रत .....(जादा .....प्रतीसह ) यांना माहितीकरिता व पुढील  
आवश्यक त्या कार्यवाहीकरिता अग्रेषित.

  
प्रमुख लेखापाल (वित्त) यांजकरिता

बृहन्मुंबई महानगरपालिका

परिपत्रक  
२०२४-२०२५

क्र. सीए/एफआरजी/०९ दिनांक ०४.१०.२०२४

विषय :- महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणा-या अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ई-निविदा दस्तऐवजांकरिता छाननी शुल्क(Scrunity Fee) न आकारता निविदा शुल्क (Tender Fee) ऑनलाइन पद्धतीने स्वीकारण्याबाबत.

- संदर्भ :- १) परिपत्रक क्र.सीए/एफआरजी/०३ दि. ११.०५.२०२३  
२) परिपत्रक क्र.सीए/एफआरजी/०४ दि.२४.०५.२०२३  
३) परिपत्रक क्र.सीए/एफआरजी/१० दि. १९.१०.२०२३  
४) परिपत्रक क्र.सीए/एफआरजी/१८ दि.२७.०२.२०२४

बृहन्मुंबई महानगरपालिकेच्या विविध खात्यांमार्फत मागविण्यात येणा-या अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ई-निविदा दस्तऐवजांकरिता पक्षकारांकडून आकारण्यात येणारे छाननी शुल्क उपरोक्त संदर्भ क्र. ०४ वरील परिपत्रकानुसार दिनांक ०१.०४.२०२४ पासून दिनांक ३१.०३.२०२५ पर्यंत सुधारीत दराने आकारण्याबाबतचे निर्देश देण्यात आले होते.

उपरोक्त संदर्भित क्र ३ चे परिपत्रक क्र.सीए/एफआरजी/१० दिनांक १९.१०.२०२३ च्या निदेशात बदल करून सर्व अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ ई-निविदा दस्तऐवजांकरिता छाननी शुल्क (Scrunity Fee) न आकारता सर्व देकारदारांकडून खालील तक्त्यात दर्शविल्यानुसार महाराष्ट्र शासनाच्या महाटॅंडर पोर्टलद्वारे निविदा शुल्क (Tender Fee) अनुज्ञेय वस्तू व सेवाकरासहित ऑनलाइन पद्धतीने आकारण्याचे सुधारित निर्देश देण्यात येत आहेत.

अनु क्र.	स्वारस्याची अभिव्यक्ती प्रस्ताव/ मालाचा पुरवठा/ सल्लागार सेवासह स्थापत्य कामे आणि सेवा इत्यादी विषयक कार्यालयीन अंदाजे रक्कम	दि. ०१.१०.२०२४ पासून दि. ३१.०३.२०२५ पर्यंत मागविण्यात येणा-या अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ ई-निविदा दस्तऐवजांचे सर्व देकारदारांकडून वसूल करावयाचे छाननी शुल्क
०१	रु. ०३ लाखापर्यंत	रु. ३३०/- + १८% वस्तू व सेवाकर
०२	रु. ३,००,००१/- ते रु. ५,००,०००/-	रु. ६६०/- + १८% वस्तू व सेवाकर
०३	रु. ५,००,००१/- ते रु. १०,००,०००/-	रु. १,३२०/- + १८% वस्तू व सेवाकर
०४	रु. १०,००,००१/- ते रु. २५,००,०००/-	रु.३,३००/- + १८% वस्तू व सेवाकर

०५	रु. २५,००,००१/- ते रु. ५०,००,०००/-	रु. ६,६००/- + १८% वस्तु व सेवाकर
०६	रु. ५०,००,००१/- ते रु. १,००,००,०००/-	रु.१३,२००/- + १८% वस्तु व सेवाकर
०७	रु. १,००,००,००१/- ते रु. २५,००,००,०००/-	रु.१६,५००/- + १८% वस्तु व सेवाकर
०८	रु. २५,००,००,००१/- पेक्षा जास्त	रु.२७,५००/- + १८% वस्तु व सेवाकर

महाराष्ट्र शासनाच्या महाटेंडर पोर्टलवर निविदा अपलोड करतांना संबंधित खात्याने निविदा शुल्क (Tender Fee) अनुज्ञेय वस्तु व सेवाकरासहित नमूद करणे आवश्यक राहिल. तसेच महाराष्ट्र शासनाच्या महाटेंडर पोर्टलवर निविदा अपलोड झाल्यानंतर SAP कार्यप्रणालीतील ZFI\_MT\_CLERK या Tcode द्वारे Fund, Fund Centre, Functional Area, Bid No, Tender Fee Amt, CGST, SGST/IGST इ. माहिती सदर Tcode मध्ये अद्ययावत करण्याची जबाबदारी संबंधित खात्याची राहिल.

अनस्टार दरपत्रिका/ निविदा/ दरपत्रिका/ ई-दरपत्रिका/ई-निविदा दस्तऐवजांकरिताचे निविदा शुल्काचे (Tender Fee) सुधारीत दर दि. ०१.१०.२०२४ पासून मागविण्यात येणाऱ्या सर्व अनस्टार दरपत्रिका/निविदा/दरपत्रिका/ ई-दरपत्रिका/ ई-निविदा दस्तऐवजांकरिता दिनांक ३१.०३.२०२५ पर्यंत लागू राहतील.

तरी सर्व खाते प्रमुख/सहाय्यक आयुक्त/रुग्णालय प्रमुख, अधिष्ठाता यांनी त्यांच्या अखत्यारीतील संबंधित कर्मचारीवृंदांना उपरोक्त सुचनेची काटेकोरपणे अंमलबजावणी करण्याचे तसेच दि. ०१.१०.२०२४ पासून मागविण्यात येणाऱ्या अनस्टार दरपत्रिका/ निविदा/ दरपत्रिका/ ई-दरपत्रिका/ई-निविदा दस्तऐवजांकरिता छाननी शुल्क (Scrunity Fee) न आकारता सर्व देकारदारांकडून या परिपत्रकातील सुधारीत दरांनुसार निविदा शुल्क (Tender Fee) अनुज्ञेय वस्तु व सेवाकरासहित महाराष्ट्र शासनाच्या महाटेंडर पोर्टलद्वारे ऑनलाइन पद्धतीने वसूल करण्याचे निदेश द्यावेत.

सही/-१३.०९.२०२४  
श्री.पांडुरंग गोसावी  
प्रमुख लेखापाल (पा.पु.म.नि.)

सही/-१३.०९.२०२४  
श्री. सुनील जाधव  
प्रमुख लेखापाल (वित्त)

सही/-१९.०९.२०२४  
श्री. प्रशांत गायकवाड  
उप. आयुक्त (वित्त)

सही/-०१.१०.२०२४  
श्री. अभिजीत बांगर  
अति.आयुक्त (प्रकल्प)

सही/-०३.१०.२०२४  
श्री डॉ. श्री. भूषण गगराणी  
महापालिका आयुक्त

परिपत्रक

२०२४-२५

क्र.सीए/एफआरजी/०९ दिनांक ०४.१०.२०२४

प्रत .....(जादा .....प्रतीसह ) यांना माहितीकरिता व पुढील  
आवश्यक त्या कार्यवाहीकरिता अप्रेषित.

*Pragade*  
04/10/2024  
प्रमुख लेखापाल (वित्त) यांजकरिता

**BRIHANMUMBAI MUNICIPAL CORPORATION**

**Circular**

No. CA/Finance/Project/17 , Date 04.03.2024

Subject - Revised guidelines for payment of EMD for tenders to be uploaded on Mahatender Portal.

Ref- 1. MDD/7878, dt.27.09.2016.  
2. Dir./IT/F-59, dt.10.05.2023.  
3. Dir./IT/505038 , dt.19.12.2023

As per the guideline issued vide circular mention in reference no. 2 & 3, all department are directed to use Mahatender for all the tenders above 25 lacs with effect from 15<sup>th</sup> June 2023, and for tenders below 25 lacs with effect from 21<sup>st</sup> December 2023 respectively. Accordingly all departments of BMC shall use e-Procurement System of Government of Maharashtra (Mahatender). Further, it has been directed that, all BMC department will have to follow the standard procedures of the said e-Tendering system of GoM and make relevant changes in their respective tender documents.

For participating in bidding process, bidders are required to deposit Earnest Money Deposit (EMD) through the payment gateways while submitting the bids. In BMC's tenders, in some cases, as per the relevant clause of tender, 10% of EMD amount has to be forfeited. Further, in some cases, for more than 2 curable-defects shortfalls, 2% of EMD per instance is forfeited. However, in Mahatender System, there is no such provision of partial forfeiture of EMD amount. Hence, the existing condition of partial forfeiture of EMD elaborated above needs to be modified. Further, the work of modifying Standard Bid Document of BMC under chairmanship of DMC (Infra) is under progress. Final decision regarding partial forfeiture of EMD will be taken by the committee. However, till then, to streamline the process of bidding, interim instructions regarding EMD are as follows;

C:\Users\3918308\Desktop\100% Online EMD 21.02.2023.docx

**1) Mode of payment of EMD**

A tenderer shall pay entire amount of EMD through payment gateways of GoM on URL: <http://mahatenders.gov.in>. The bidder shall upload scan copy of online paid EMD along with the bid submission in packet 'A'.

Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.

**2) If non-responsive:**

If the bidder is found non-responsive after scrutiny of packet 'A'/'B', in such circumstances, **the bidder will be made non-responsive and financial packet 'C' of non-responsive bidder will not be opened. However, there will not be any forfeiture of EMD.**

**3) Shortfalls:-**

Maximum 5 shortfalls of curable defects shall be allowed and in case, curable defects are not compiled by bidder within given time period, the bidder shall be treated as 'Non-Responsive' & such cases will be informed to Registration and Monitoring Cell. Such non-submission of documents will be considered as 'Intentional Avoidance' and if three or more cases in 12 months are reported, shall be viewed seriously and disciplinary action against the defaulters such as banning/de-registration, etc. shall be taken by Registration Cell with due approval of the concerned AMC.

**4) Refund of EMD :-**

- c) Except successful bidder all other unsuccessful bidders' 100% EMD paid online will be refunded automatically.
- d) The Bid security of successful bidder will be discharged when the bidder has signed the agreement and /or furnish the required Security Deposits as elaborated in Standard Bid Document.

**5) Forfeiture of Entire EMD:-**

The existing conditions laid down in Standard Bid Document regarding forfeiture of entire bid security (EMD) shall remain unchanged.

These, interim-instructions will remain in force till the issuance of circular regarding amendment in SBD.

All the concerned Assistant Commissioners / HoDs shall note the above directives and to incorporate suitable clause in the draft tenders to be invited hereafter with immediate effect.

  
(Pandurang V. Gosavi)  
Chief Accountant (W.S.S.D.)

  
(Shri. P. N. Gaikwad)  
D.M.C. (Finance)  
Sir,

  
(Pradheep B. Padwal)  
Chief Accountant (Finance)l/c

  
(Shri. P. Velrasu)  
A.M.C. (Project)  
Sir,

C

**Municipal Corporation Of Greater Mumbai**  
**DMC ( Infra )**

No.DMC/Infra./3732 13 OCT 2021,

Sub :- Modified PQC guidelines.


Ref :- 1) DMC/3426/Infra dtd. 29.09.2021  
2) AMC (P)'s Note approved by Hon.MC. u.no. MGC/VIP/9612 d:d. 01.10.2021

In the case of Road department tenders, as per the recommendation of Ch.E.(Rds & Tr.) / DMC(Infra) a note was put by AMC(P) to Hon.MC. which was approved . u.no. MGC/VIP/9612 dtd. 01.10.2021 ( pg. 11 to 14 ). In this note, stringent guidelines were proposed to be implemented for the forthcoming tenders in MCGM to curb the tradition of high percentage rebate so that the enhance quality of proposed work can be obtained.

The copy of approved stringent modified PQC conditions is attached for reference at pg. 11 to 14.

The contents of AMC(P)'s note in point no. 6 are reproduced for ready reference as further *"The HODs of different Engineering departments should be asked to examine the tender proposals and loopholes contributing to very high rebate rates. They should be asked to submit proposals within two months to submit proposals to make amends in tender conditions and in SBD so that the tender bids are received in the logical and reasonable range (-15 to +10 range). The Dir (ES & P) may lead these efforts and appropriate amends need to be made in all departments."*

It is therefore hereby requested, to take the note of the said modified approved PQC conditions and implement the same as per department's suitability in the forthcoming tenders.

  
Ch.E.(Rds & Traffic.) &  
DMC ( Infra )

Dir.( E.S.& P)/Ch.E.(SWD)/Ch.E.( S.O.)/Ch.E.( S.P.)/  
Ch.E.(MSDP)/Ch.E.(BM)/C.E./Ch.E.(Bridges)/H.E./  
Ch.E.(WSP)/Ch.E.(M&F)/Ch.E.(P & D)/H.E./SG,

Copy to :-  
AMC(P)

Submitted for information please.

  
Ch.E.(Rds & Traffic.) &  
DMC ( Infra )

Hon.MC.

Submitted for information please.

  
Ch.E.(Rds & Traffic.) &  
DMC ( Infra )

(5)

③  
N-37

OFFICE OF THE ADDITIONAL COMMISSIONER (PROJECTS)

30/09/2021

The file may be perused. The file deals with the tenders already floated in Phase-I and also proposal for the Phase-II and MHADA layout roads. The Phase-I proposal has thirty number of works and the rates bidded by the Tenders were very low from 21 percent rebate to 30 percent rebate.

On seeing the very high rebates, I have raised several questions about the feasibility of executing these road works maintaining the quality. (please see N-7 to N-9)

The trend of the road tenders is given in N-14. It could be seen that the trend of road works was close to estimate cost (-5 percent to +6 percent) during last two years. The questions raised by me with regard to quality and the replies are seen in N-14 to N-19.

The remarks of the road department including the pros and cons of accepting the tenders with such high rebates are discussed in N-20 to N-21. The demerits of processing these tenders are given in points (a) to (r) in N-21 to N-22. Also the merits and demerits of re invitation of the Phase-I tenders are explained in N-23. At "A" in N-24 it was broadly opined that the quality cannot be maintained at these high rebate rates and hence re invitation was proposed with imposition of stringent conditions.

Scanned with CamScanner

Attention is also drawn to the letter written by the LOP Shri. Devendra Fadnavis on 11/09/2021 highlighting the same issues (Please see C- 75). Even though the tenders were floated in Feb -2021 and processed in April-2021 because of COVID pandemic and also because of Budget issues, the files were not taken for processing immediately.

The discussion on these issues was done with Honorable Municipal Commissioner on 24/09/2021 in presence of several officers. Again as highlighted in N-26 the Pros and Cons of cancelling the Phase-I tenders were discussed. The discussion points and directions are given in N-26 to N-28.

As per discussion in the meeting conducted on 24/09/2021, the department has submitted proposal in N-28 to N-33. The proposal covers revised technical criteria, source quality control by insisting on Registered Undertaking with RMC / ASPHALT -MASTIC plant owners at least within ONE week after being selected as Lowest Bidder, deputing some man power to these plants.

The financial criteria also have been made stringent by restoring the ASD requirement and also going for 80:20 deferred payment system. The payments will be released after definite time period after checking the quality of work executed again. The details are given in N-30 to N-31. The other measures to ensure quality are outlined in N-32 to N-33. The zone wise QMA is also proposed for seven zones of MCGM.

N-39(5)

Approval is sought by the department for cancellation of Phase-I tenders, invitation of Phase-I, II & MHADA layout tenders with stringent PQC conditions with SHORT NOTICE 15 days and to drop financial concessions given in the new tenders to be floated.

Opinion:

Several things need to be highlighted while deciding this matter:

- 1) There shall not be any Compromise on quality of Road works execution. MCGM cannot afford to award tenders at very high rebates which will result in compromised quality.
- 2) Bad quality roads execution was enquired and strict action was taken during 2015-17. Considering that experience, MCGM should not award the works at very low rates and assume somehow quality will be achieved.
- 3) If MCGM re-invite tenders with stringent conditions (Technical, Financial and Monitoring) the bid rates that are likely to be received would definitely be much higher. The various conditions proposed like ownership of Machinery, 80:20 payment system, QMA and making the retention money available only after

c-11

6<sup>th</sup> year of completion and various new measures are going to increase the bid price.

But since MCGM does not want compromise on quality and MCGM does not want to save money by awarding works at high rebates resulting in compromised quality, a conscious decision need to be taken that we are fine with higher bid prices as quality is non-negotiable. This point has to be kept in mind as the possibility that some people making allegations that MCGM has cancelled the old tenders with low rates and awards new tenders at higher rates and hence causing loss to MCGM.

Even though the road works are same, the conditions in both tenders are so different and the conditions in new tenders are so stringent that bids are likely to come up at much higher rates.

- 4) The SOR provides for a maximum of 15 percent profit to the contractors. It is beyond reason how the contractors can execute the work at -22 to -30 percentage range. If they do execute works as per specifications not only they have to forego profits but also have incur losses to complete the work as per specifications. But that is not rational and sensible.
- 5) Attention is drawn to the rate analysis table in N-16 and the details given in C-77 to C-83. The Rates quoted by

C-13

N-71

Contractors in steel, Concrete, WMM, GSB are much lower than the market rates. How the work can be carried out without cutting corners at such low rates is not explained by department. Eight months have already passed from floating of tender and prices of these essential components are on the rise.

6) It is quite possible that objections could be raised and questions could be asked as to how in previous tenders and some other departmental tenders works are awarded at very high rebate rates? This question is logical and needs to be redressed. The HODs of different Engineering departments should be asked to examine the tender proposals and loopholes contributing to very high rebate rates. They should be asked to submit proposals within two months to submit proposals to make amends in tender conditions and in SBD so that the tender bids are received in the logical and reasonable range ( -15 to +10 range). The Director (E.S&P) may lead these efforts and appropriate amends need to be made in all departments.

7) Since roads are touching the life of public every day during transportation, there should be "ZERO Tolerance" on quality compromise.

C-15

8)

8) The poor quality of roads constructed with high rebate rates was discussed in yesterday meeting chaired by Hon. CM . There was discussion about high rebates resulting in poor quality roads (See C- 165 to C-167). Also cutting across all political parties, the elected representatives need good roads. Even the Mayor of MCGM had visited some roads two days back and expressed her displeasure on the potholes and quality of roads resulting in Potholes.

9) The material suppliers to the road works namely MCGM registered RMC / Asphalt / Mastic Plant owners should also be made accountable. Any lapse on their part should be punishable with de-registration and Blacklisting.

Considering all the above, the Road department's proposal in N-34 to N-35 may be seen and approved. } A<sup>2</sup>

AMC/PI 5254  
Date - 30-09-2021

*P. Velrasu*  
P. VELRASU  
30/09/21  
ADDITIONAL COMMISSIONER (PROJECTS)

HON. MC  
SIP

A<sup>1</sup> Approved  
3/10/21  
(conf) Municipal Commissioner  
AMC CP

MGC/VIP/9612  
01/10/2021

C-1+

नृसमुच्चय महानगरपालिका  
 आयुक्तको कार्यालय  
 पनौती नुपुनियारा  
 C-8636  
 01 OCT 2021  
 वि. १०, ११, १२, १३, १४, १५, १६,  
 १७, १८, १९, २०, २१  
 अर्जा नं. MCrc/VIP/9612

(NP)

नृसमुच्चय महानगरपालिका  
 आयुक्तको कार्यालय (प्रमुख)  
 पनौती नुपुनियारा  
 01 OCT 2021  
 अ. १०, ११, १२, १३, १४, १५, १६, १७, १८, १९, २०, २१  
 5326

01-10-2021

Ch.E (Roads & Tr)

नृसमुच्चय महानगरपालिका  
 प्रमुख अभियंता (रस्ते योजना/क) को कार्यालय  
 01 OCT 2021  
 अ. प्र. अ. (रस्ते) / 54 / गोप

Dy. Ch. E (Rds) City / V. S. / E. S. / Traffic/Planning

Handwritten signature

Ch. Eng. (Roads & Traffic)

Hon. M.C instructions were as follows:-

- (i) To cancel and re-invite with stringent tenders conditions all the 34 current bids at page N-11 to N-13.
- (ii) Stage-II and Stage-III tenders to be invited on priority with the stringent tender conditions as at page N-25 to N-33 (List of Stage-II and Stage-III @ page C-133 to C-135).
- (iii) To include the condition that bidder to submit Registered Irrevocable Undertaking (U/T) cum Declaration cum Indemnity bond for supply as per relevant specification from RMC plant owner/ Asphalt plant owner/ Mastic plant owner as explained above in sidelined: 'y'.
- (iv) To develop policy and measures needed to get proposals between +10% to -15%.

AS PER DISCUSSION, IT IS PROPOSED TO ADOPT THE FOLLOWING STRINGENT MEASURES TO ASSURE QUALITY AND MODIFIED TENDER CONDITIONS AS MENTIONED BELOW FOR ALL TENDERS HENCEFORTH:

[A] Technical Criteria

- > The tenders will be invited as "Original and new works" category tenders of SBD.
- > The similar work experience will be insisted as: - "The bidders should have carried out Road carriage way or Major vehicular bridges in CC pavement/CC Passage/TWT/UTWT in M40 and above or Asphalt Road in Asphalt mix/Mastic asphalt"

Equipment and plant criteria:-

- > Ownership of equipment and machineries, as per list attached at page C-127, shall be insisted for the contractual agencies with proper documentary evidence (i.e. in the name of agency) instead of assured access.
- > To fix responsibility on plant owners

(a) [1] For Cement-Concrete Road Works:-

For C.C Road/C.C Passage/TWT/UTWT works, it is mandatory that bidders should submit in Packet-B, the Registered Irrevocable Undertaking (U/T) cum Declaration cum Indemnity bond, in prescribed format (copy @ page C-121 to C-124), with MCGM registered (i) RMC plant owner, (ii) Asphalt plant owner who have arrangement for Mastic asphalt production regarding supply of materials as per MCGM specification.

[H] For Asphalt/Mastic Road Works

For Asphalt/ Mastic asphalt road/junction works, it is mandatory that bidder should submit in Packet-B, the Registered Irrevocable Undertaking (U/T) cum Declaration cum Indemnity bond, in prescribed format(copy @ page C-121 to C-124) with MCGM registered Asphalt plant owner who have arrangement for Mastic asphalt production regarding supply of materials as per MCGM specification for that work code only.

> The Bidder shall allow MCGM staff access to his plants, machinery for checking of their functioning& materials used for manufacturing and for quality management purposes as and when directed by the Engineer-in-charge.

(b) In case of otherwise eligible bidders who have not complied with the submission of Irrevocable Undertaking cum Declaration cum Indemnity bond in Packet-B. (Non-submission of said Undertaking will not be considered as a Shortfall) and they all will be allowed to submit the same within seven days from the opening of Packet-C. However, failure to submit within seven days will be treated as non-curable defect and the bidders EMD will be forfeited.

If L-1 bidder fails to comply with the submission of the said Irrevocable Undertaking cum Declaration cum Indemnity bond with plant owners then in that case submission of the undertaking complied by the next successive eligible bidders within the requisite time i.e. 7 days will be taken into the consideration.

Thereafter, negotiations will be done with the said successive / responsive bidder with respect to his quoted rate.

Note:- For e.g. if L-1, L-2, L-3 fails to submit said Registered Irrevocable Undertaking cum Declaration cum Indemnity bond and if L-4 have submitted the said Undertaking then he will be called for the negotiation with respect to his quoted rates.

[B]Financial Control conditions:-

- > EMD will be paid online only at the time of bidding.
- > ASD will be insisted at the time of bidding online only and shall be applicable as under:

Sr. No.	Rebate quoted by contractor	ASD applicable
1	Up to 12% rebate	No ASD

123

13

N-30

Sr. No.	Rebate quoted by contractor	ASD applicable
2	12.01% to 20% rebate	1% of Estimated Cost for each percentage and part thereof above 12% rebate
3	20.01% rebate and above	8% + 2% extra for each percentage and part thereof over and above 20% rebate

- > Performance Guarantee will be insisted as per SBD in the form of Demand Draft (D.D) only.
- > Contract deposit, ASD and any other deposits, Performance Guarantee (P.G), will neither be accepted in Bank Guarantee (B.G) nor will be released against B.G.
- > All deposit will have to be deposited in the form of Demand Draft (D.D) Only except as specified herein above.
- > Payment of bill will be under 80:20 deferred payment scheme, i.e 80% amount of the certified bill will be released immediately, 20% amount will kept in deposit and released as under.

Final bill shall be submitted by the Bidder within one year from the start of DLP of that respective road, failing which a penalty of Rs. 1,00,000/- will be deducted from the balance payment of contractor per year till the submission of the Final Bill.

If Final bill is submitted, then -

For C.C Roads with 10 years DLP
20% withheld amount will be released as under:-
4% will be released each year from the completion of 6th year of the DLP till the completion of DLP or after Final Bill whichever is later.
Note:- It is mandatory to carry our Roughness Index (RI) once after completion of the work and thereafter every year from the start of 6th year till the completion of the DLP.

For C.C Passage / Roads & Junctions in Mastic and other roads with 5 years DLP
20% withheld amount will be released as under:-

For 5 years DLP Roads 6 % payment will be released each year on completion of 3rd and 4th years of DLP and 8% will be released on the completion of 5th year of DLP or after Final Bill whichever is later.

Note:- It is mandatory to carry out Roughness Index (R.I.) once after completion of the work and thereafter every year from the start of 3rd year till the completion of the DLP.

**For Roads in Asphalt mix and other roads with 3 years DLP**

20% withheld amount will be released as under:-

For 3 years DLP Roads 10 % payment will be released each year on completion of 2<sup>nd</sup> and 3rd years of DLP or after Final Bill whichever is later.

Note: It is mandatory to carry out Roughness Index (R.I.) once after completion of the work and thereafter every year from the start of 1st year till the completion of the DLP.

- Since, 80:20 deferred payment scheme is implemented, retention money will not be deducted from the running bill.
- The 20% deferred payment shall not be released against Bank guarantee (B.G) at any stage of contract.
- Penalty equivalent to cost of defective work or Rs. 10,000/- (whichever is higher), per day/lapse/site workspace, in accordance to the gravity of default communicated in writing. This tender condition will be applicable during entire period of contract including the DLP. In case the contractor does not rectify the defect within prescribed time show cause will be issued to the contractor at DyChE level.
- The penalty and cost of rectifying the defective work if carried out from other agency will be deducted from the bill/retention money/deposits available in any form available with MCGM.
- The circulars pertaining to various concessions granted shall not be applicable to the road tenders henceforth. The list of such circulars is as under-

Sr. No.	Circular No.	Circular related to
1	Circular CAI/ Project_21 dated 07.09.2020	revised RM, contract deposit, PG & ASD guidelines
2	CA(F)/Project/32 of 26.10.2020	Bid Security or EMD
3	CA(F)/Project/36 dtd 07.12.2020	Revised RM, Not to insist PG

17 Oct

15

N-32

Sr. No.	Circular No.	Circular related to
4	CA(F)/Project/41 of 09.02.2021	Performance Guarantee (P.G)
5	CA(F)/Project/42 of 09.02.2021	Additional Security Deposit (A.S.D)

**(C) More accountability at the time of bidding**

- ✓ Only original document scans shall be uploaded, and they may be cross-checked against original during scrutiny. Bidder shall present his original documents for checking to the Engineer in-charge of tender scrutiny as and when directed.
- ✓ Maximum two (2) shortfalls will be allowed for curable defects. For more than two (2) nos. of shortfalls, 2% EMD will be forfeited for each shortfall thereafter.
- ✓ At the time of tender scrutiny if the documents uploaded on-line in Packet A & B-

(i) do not open or are found corrupted OR

(ii) if the folders are found empty in the SRM system

therein such case, it shall be treated as non-submission of the documents and the 2% E.M.D. per document required in the respective folder will be forfeited. In such cases, for the calculation of this forfeiture amount, the concession of maximum two (2) shortfalls allowed for curable defects will not be considered.

Note: Bidders shall cross-check the uploaded documents by downloading the same at their end prior to submission of bid. No representation/complaint shall be entertained in this regard under any circumstances.

- ✓ Any Forged / Fake document found uploaded then bidder will be disqualified and debarred from all bidding process for two years.
- ✓ The bidder has to submit compliance of all shortfalls within the stipulated time period on-line only.
- ✓ In case of non-curable defects, the same will not be communicated and the bid will be made non-responsive and their 10% E.M.D. will be forfeited. This shall be in addition to any forfeiture of proportionate EMD for curable defects as per other relevant clauses of the tender document, if applicable.

**NOTE: ALL DOCUMENTS UPLOADED IN PACKET A OR B MUST BE ACCURATE AND COMPLETE IN ALL RESPECTS. BIDDERS ARE REQUESTED TO UPLOAD ALL DOCUMENTS WITH HIGHEST PRECISION. ANY DISCREPANCY IN THE ABOVE WILL BE TREATED AS SHORTFALL.**

Other minor changes to SBD/tender clauses:-

- Certain minor discrepancies, lacunae in SBD/tender clauses which need to be modified and

(5) detailed comparison statement of SBD/Tender conditions for present invited tenders & proposed tenders to be invited are tabulated at page no. C/ 97 to C/ 120.

(D) Other measures to be implemented for ensuring quality control over site :-

- > To appoint one dedicated, full-time QMA per zone in such a way that all seven zones will have separate agency for achieving 100% supervision.
  - > In addition to QMA, MCGM staff will be deployed at various plants and material sources. The same can be achieved by deploying additional S.E.s recently posted in Roads department to such plants and material sources at time of procuring the material to ensure proper quality.
  - > Maximum penalty as per tender conditions as well as redoing the defective work will be enforced.
  - > It shall also be ensured that the bidder appoints requisite staff only from reputed and approved universities required for carrying out good quality work as per specification.
  - > In case of repeated lapses on part of bidder, stern action such as termination of contract, de-registration will be explored in addition to severe financial penalties.
  - > Material testing including cube and core testing will be allowed in following ratio: - min. 80% tests at Municipal testing lab and remaining 20% tests will be allowed only at reputed govt. labs likely IIT/VJTI/SPCE/MSME/National Test House (W.R.)/ Govt. Lab only.
  - > The testing at private labs will be strictly disallowed henceforth. The testing at MCGM's registered private labs will be strictly allowed only on the directions/approval of the concerned Dy.Ch. Engineer.
- In addition to above, following conditions shall be imposed on plant owners/material suppliers:-
- > Circular will be issued to all registered plant owners directing to adhere to highest quality of the material at source.
  - > Plant owners will be insisted to send their authorised quality assurance person on site to ensure that the materials received on site are properly delivered at site without any foul play during transit or on reaching the site.
  - > Any deviation from the above will attract stern action against the concerned MCGM registered plant owner/ material supplier.
  - > Directions will be issued to Vigilance department for carrying out compulsory monthly frequent visits to RMC/Asphalt/Mastic plants/Batch mix plant, Material sources and road sites.

Imp  
Circular



महाराष्ट्र शासन

मुद्रांक जिल्हाधिकारी, अंमलबजावणी-2, मुंबई यांचे कार्यालय,

प्रधान मुद्रांक कार्यालय, नगर भवन, फोर्ट, मुंबई - 400 001.

दुरध्वनी क्र 022-22684585

email: cosen12@gmail.com

जा.क्र./मु.जि.अंमल-2/103/114 /2025

दिनांक: 04 FEB 2025

प्रति,

उप प्रमुख अभियंता यांत्रिकी व विद्युत (मध्यवर्ती खरेदी खाते)

566, ना. म. जोशी मार्ग, भायवळा (प.), मुंबई- 400011

ई-मेल- [dychc.cpd@mcmgm.gov.in](mailto:dychc.cpd@mcmgm.gov.in)

विषय: महाराष्ट्र मुद्रांक अधिनियमाचे कलम 10 ड अन्वये दस्तांवर मुद्रांक शुल्क वसूल करून त्याबाबत मासिक अहवाल सादर करणेबाबत.

संदर्भ -1) महाराष्ट्र मुद्रांक अधिनियम मधील 10 ड तसेच शासन अधिसूचना दि.03/06/2016.

2) मा.नोंदणी महानिरीक्षक व मुद्रांक नियंत्रक, पुणे यांचेकडील परीपत्रक क्र. जा. क्र.12/म.मु.अधि.कलम103/355/2023, दिनांक 07/07/2023.

3) या कार्यालयाचे पत्र जा.क्र.मु. जि.अंमल-2/10-ड/676-683/2023 दि.18/07/2023

4) उपप्रमुख लेखापाल (महसूल-2), वृहन्मुंबई महापालिका यांचेकडील पत्र जा. क्र. सीए/एफआरएम/44 दि.12/05/2023

5) या कार्यालयाचे पत्र जा.क्र.मु. जि.अंमल-2/10-ड/850-851/2023 दि.14/08/2023

6) नोंदणी व मुद्रांक विभाग, अपर मुद्रांक नियंत्रक, मुंबई यांचे पत्र जा. क्र.मुध्य शाखा103/4536/2024, दिनांक 19/09/2024.

7) महाराष्ट्र शासन राजपत्र 14 ऑक्टोबर-2024

उपरोक्त विषयी महाराष्ट्र मुद्रांक अधिनियमातील कलम 10- ड मधील तरतुदीनुसार आपल्या कार्यालयाकडून निष्पादीत करण्यात येणा-या संलेखावर/ दस्तावर देय मुद्रांक शुल्काच्या ई प्रदानाची पडताळणी करणे, चलन विरुपीत करणे इत्यादी कामांसाठी आपल्या कार्यालयातील अधिकारी यांना समुचीत अधिकारी (Proper Officer) म्हणून नामनिर्देशीत करणेबाबत तसेच या कामी सुसुत्रता आणण्यासाठी व शासनाच्या मुद्रांक शुल्काद्वारे मिळणा-या महसूलाचे नुकसान होऊ नये यासाठी एक नोडल अधिका-याची (Nodal Officer) नियुक्ती होणेबाबत मा. नोंदणी महानिरीक्षक व मुद्रांक नियंत्रक, पुणे यांचेकडील संदर्भ क्र.2 चे परिपत्रकान्वये सुचीत केले आहे.

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त्या अनुषंगाने आपले कार्यालयांमध्ये/ आपल्या अधिनस्त असलेल्या सर्व कार्यालयांमध्ये मुद्रांक शुल्क संदर्भातील माहिती संकलित करण्यासाठी व त्यामध्ये सुसुत्रता आणण्यासाठी "प्रॉपर ऑफिसर" व "एक नोडल अधिकारी" यांची नियुक्ती करून त्या अधिकाऱ्यांचा तपशिल कळविणेबाबत तसेच, आपले कार्यालयाकडून/ आपले कार्यालयाच्या अधिनस्त कार्यालयांकडून निष्पादीत झालेल्या नमुद चार प्रकारच्या दस्तांची माहिती या कार्यालयास दरमहा पाठविणेबाबत मा. आयुक्त, बृहन्मुंबई महानगरपालिका यांना संदर्भ क्र.3 अन्वये तसेच, वारंवार कळविण्यात आले आहे. तसेच संदर्भ क्र.4 चे पत्रान्वये उगत माहिती या कार्यालयास सादर करणेबाबत आदेशित केले आहे.

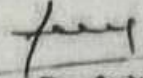
परंतु आपल्या कार्यालयाकडून संपूर्ण माहिती अद्यापी या कार्यालयास प्राप्त झालेली नाही. तरी, आपले मार्फत खालील नमुद माहिती एकत्रित संकलित करून या कार्यालयास उपलब्ध होणे अपेक्षित आहे.

- 1) आपले अधिनस्त विभाग/ कार्यालयांमध्ये उक्त अधिनियमाचे कलम 10 (ड) मधील तरतुदीची अंमलबजावणी करणे करीता नियुक्त करण्यात आलेले "प्रॉपर ऑफिसर" व "नोडल अधिकारी" यांची माहिती या पत्रासोबत जोडलेल्या विवरणपत्र क्र. 1 मध्ये द्यावी.
- 2) दरमहा आपले अधिनस्त विभाग/ कार्यालयांकडून निष्पादित झालेले दस्त म्हणजेच (1) कार्यकंत्राट, (2) विकसन करार, (3) टी.डी.आर. हस्तांतरण करार व (4) भाडेपट्टा या चार प्रकारच्या दस्तांची माहिती या पत्रासोबत जोडलेल्या विवरणपत्र क्र. 2 मध्ये Hard Copy स्वरूपात द्यावी. तसेच उपरोक्त विवरणपत्र Excel मध्ये Soft Copy स्वरूपात [cosenf2@gmail.com](mailto:cosenf2@gmail.com) या ई-मेलवर पाठविण्यात यावी.
- 3) या पत्रासोबत जोडलेल्या प्रपत्र क्र.1 व प्रपत्र क्र.2 ची माहिती दरमहा 10 तारखेपूर्वी या कार्यालयास सादर करावी.
- 4) महाराष्ट्र मुद्रांक अधिनियम 1958 मधील कलम 52 (ब) मध्ये नमुद केल्यानुसार मुद्रांक खरेदी केल्याच्या तारखेपासून सहा महिन्यांचा काळावधी पूर्ण होण्यापूर्वी वापरता येतील.
- 5) महाराष्ट्र शासन राजपत्र दिनांक-14/10/2024 अन्वये महाराष्ट्र मुद्रांक अधिनियमातील अनुच्छेद 63 मध्ये कार्यकंत्राट च्या दस्तांवर मुद्रांक शुल्कांत खालीलप्रमाणे सुधारणा करण्यात आलेली आहे.

Article	Description of Instrument	Stamp Duty before 14/10/2024	Stamp Duty from 14/10/2024
	Work Contract		
	a) Up to Rs. 5 lakhs	Rs. 500/-	Rs.500/-
63	a) Above Rs. 5 lakhs up to Rs.10 lakhs. Rs. 500/- (Five hundred rupees.)	Rs. 500/-	Rs.500 + 0.3 % on the amount above Rs. 5 lakhs Max Rs. 25 Lakhs
	b) Above Rs. 10 lakhs	Rs. 500 + 0.1% Max Rs. 25 lakhs	Rs.500 + 0.3% on the amount above Rs. 5 lakhs Max Rs. 25 Lakhs

तरी आपल्या कार्यालयातील दिनांक- 14/10/2024 रोजी निष्पादित करण्यात आलेले कार्यकर्तव्य दस्तऐवज उपरोक्त प्रमाणे सुधारित मुद्रांक शुल्काची वसुली करून वितरणपत्र क्र.1 व वितरणपत्र क्र.2 सादर करण्यात यावे.

तरी उक्त नमुद माहिती अद्ययावत स्वरूपात या कार्यालयास तात्काळ सादर करावी. सादरची बाब ही शासन महसुलाशी निगडित असल्याने आपण गाभियोने नोंद घ्यावी.

  
(अजित नैराळे)

मुद्रांक जिल्हाधिकारी, अंमलबजावणी 2

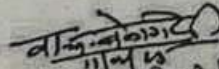
सोबत

1) संदभे क्र.6 व 7 ची प्रत.

प्रत- मा. आयुक्त, वृहन्मुंबई महानगरपालिका मुख्यालय, मुंबई छत्रपती शिवाजी महाराज टर्मिनस.  
मुंबई- 400001 यांना माहितीस्तव सादर.

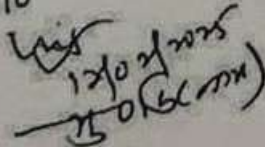
वृहन्मुंबई महानगरपालिका	
या प्रमाणे अद्ययावत माहिती या कार्यालय	
दिनांक	14 FEB 2025
Enn. (4PPS)	6028
क्र. उप. प्रमाणे	मा. व. वि. / न. व. व. वि.

मुख्य लिपिक (आर.व्हा./व्यय/आवक-जावक विभाग)  
मुद्रील कार्यवाही करावी.

  
प्रशासकीय अधिकारी  
(मध्यवर्ती खरेदी खाते)

— श्री. प्रकाश —

— श्री. स्वर्गीत मुद्रीत कार्याधी —  
कार्याधी

  
12/10/2024  
मुद्रीत कार्याधी

## **SECTION – 17**

### **DRAWING**

(Refer website: [portal.mcgm.gov.in/tender/Chief Engineer \(Bridges\)](http://portal.mcgm.gov.in/tender/Chief Engineer (Bridges)))