



# **BRIHANMUMBAI MUNICIPAL CORPORATION**

## **BID DOCUMENT**

### **e-TENDER**

### **FOR**

**Name of Work: E-tender no:- 7200038117**

Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in “R/North” Ward under Mumbai Beautification Project for the year 2022-2023.

**Website: [www.mcgm.gov.in](http://www.mcgm.gov.in)**

-sd-  
**J.E.(M)R/N**

-sd-  
**S.E.(M) R/N Ward**

-sd-  
**A.E.(M)R/N Ward.**

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**Ward E. E. (R/N) Ward**      **Assistant Commissioner R/N ward**

### **Office address**

**Assistant Commissioner, R/North Ward Office,  
1st floor, CTS No. 921/7, Rustomjee Colony, Rangnath Keskar Road, Dahisar (W)  
Mumbai –68**

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

**BRIHANMUMBAI MUNICIPAL CORPORATION**

**Office of  
Assistant Commissioner, R/North Ward**

**No. AC/RC/11985/AEM. Dated 19.10.2022**

**E-TENDER NOTICE**

Name of Work : **E-tender no:- 7200038117**

Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in "R/North" Ward under Mumbai Beautification Project for the year 2022-2023.

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 'II' & Above as per Registration Rules 2016 of MCGM** *(Excluding those who are black-listed or against whom FIR have been filed) and from the contractors/firms equivalent and superior classes registered in 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 time period from the date of issue of work order failing which 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 department. The contractor, who fails to get registered with BMC, shall not be considered for BMC work in future in that discipline.*

Bidding Process will comprise of THREE stages.

The application form can be downloaded from BMC's portal (<http://portal.mcgm.gov.in>) on payment of **Rs.10,400/- + GST(applicable)**. 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.

- i) To download the application form, for those applicants not having vendor registration, need to apply first for vendor registration at the office of Account Officer (FAR), 3rd floor, Municipal Headquarter.
- ii) Followed by SRM login ID and password to be obtained from Central Purchase Department (CPD), Office at Byculla, Bakariadda, and Mumbai.
- iii) 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, Safes crypt, IDRBT, National informatics center, TCS, CUSTOMS, MTNL, GNFC and e- Mudhra CA.

Name and Location of Work	Contract Period	Total Estimated Cost of Project
<p><b>e-tender no:- 7200038117</b></p> <p>Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in “R/North” Ward under Mumbai Beautification Project for the year 2022-2023.</p>	<p><b>Three (03) Months (Including Monsoon)</b></p>	<p><b>Rs.6,33,38,954.50</b></p>

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 6,33,400/- (**Six Lakh Thirty Three Thousand Four Hundred 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. The e-tender is available on BMC portal (<http://portal.mcgm.gov.in>) as mentioned in the Header Data of the tender.

As per THREE e-Packet systems, the document for e-Packet A & B is to be uploaded by the bidder in vendor(s) document online in e-Packet A & B. e-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 Assistant Commissioner, R/North Ward Office, 1st floor, CTS No. 921/7, Rustomjee Colony, Rangnath Keskar Road, Dahisar (W) Mumbai –68 . The e-Packet C shall be opened if bid submission in e-Packet A & B satisfies/includes all the requirements and same are found acceptable to the Authority.

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 the BMC Portal. (<http://portal.mcgm.gov.in>)

The Applicants interested for the above referred works may contact the Assistant Commissioner, R/North at the following address on any working day during office hours.

**Office of the :- Assistant Commissioner, R/North Ward Office,  
1st floor, CTS No. 921/7,  
Rustomjee Colony, Rangnath Keskar Road,  
Dahisar (W), Mumbai –68**

The applicants may wish to visit the site under reference located in R/North Ward can collect the information of the present status from the department who have invited the bids.

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 BMC. (<http://portal.mcgm.gov.in/tenders>).

Sd/-

**Assistant Commissioner (R/North Ward)**

## HEADER DATA

Tender Document No.	E.T. No. <b>7200038117</b>
Name of Organization	Brihanmumbai Municipal Corporation
Subject	<b>e-tender no:- 7200038117</b> Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in “R/North” Ward under Mumbai Beautification Project for the year 2022-2023.
Cost of Tender	Rs. 10,400/- + GST(applicable)
Cost of E-Tender (Estimated Cost)	6,33,38,954.50
Bid Security Deposit/EMD	6,33,400/-
Pre-Bid Meeting	NA
Date of Issue and sale of Tender	20/10//2022 from 11:00 Hrs.
Last date & time for sale of tender & Receipt of Bid Security Deposit /EMD	31/10/2022 upto 12:00 Hrs.
Submission of e-Packet A, B & e-Packet C (Online)	31/10/2022 upto 16:00 Hrs.
Opening of e-Packet A	31/10/2022 after 16:01 Hrs in office of Asst. Commissioner R/North
Opening of e-Packet B	31/10/2022 after 16:15 Hrs in office of Asst. Commissioner R/North
Opening of e-Packet C	07/11/2022 after 16:00 Hrs. in office of Asst. Commissioner R/North
Address for Communication	Office of the Assistant Commissioner, R/North Ward Office, 1st floor, CTS No. 921/7, Rustomjee Colony, Ranganath Keskar Road, Dahisar (W) Mumbai –68.
Venue for opening of Bid	Online in Assistant Commissioner R/North ward office .

**This tender document is not transferable.**

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

Sd/-

**Assistant Commissioner R/N ward.**

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

## **Eligibility of Applicants**

The Municipal Corporation of Greater Mumbai (MCGM) 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 Municipal Corporation of Greater Mumbai, (MCGM) in **Class II** (excluding those who are blacklisted or against whom FIR has been filed) 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 MCGM will have to apply for registering their firm within three months from the date of issue of work order, otherwise their Bid Security i.e. E.M.D (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 contractors payment/bill by existing department in MCGM.

Joint venture will be allowed for the works having estimated cost more than **Rs.100 Cr.** and consortium will not be allowed. Similarly, sub-letting will not be allowed. JV partner should have proportionate work as well as financial experience. Also shall have same eligibility criteria.

The leading partner shall be solely responsible for the entire work.

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

### **2.1 Technical Capacity**

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 each of value not less than the value equal to 20% of estimated cost put to tender**

**OR**

**b) Two similar completed works each of value not less than the value equal to 25% of estimated cost put to tender**

**OR**

**c) One similar completed work of value equal and or not less than the 40% of estimated cost put to tender.**

The value of executed 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.



## **2.2 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 Five (5) 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 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 :-**

For assessing the technical capacity of this work similar experience shall mean **“any work in any department”** as mentioned hereinafter, for the completed and / or on-going works in building construction or building maintenance such as repairs / retro-fitting / structural repairs or construction /repairs of asphalt / concrete roads or laying a sewer lines along with alike components or laying /rehabilitation of water pipe lines in cast iron / MS Pipe / HDP / MDP pipes or repairs / maintenance / construction of culverts over nalla / beautification work.

**Note: Consider this tender as regular/routine tender.**

## **2.4 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 (05) 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, including monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year)

**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

**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 this e-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 Municipal Corporation of Greater Mumbai (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**

## INTRODUCTION

### **1. Background:**

The Brihanmumbai Municipal Corporation (BMC) covers an area of 437.71 sq.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 Slaughter Houses.

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.

### **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.

#### **Name of the Work: - e-tender no:- .....**

Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in "R/North" Ward under Mumbai Beautification Project for the year 2022-2023.

**Scope of the work:-** All civil works related to Landscaping and horticulture etc., Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting etc. in R/North Ward, as directed by Engineer-in -Charge.

#### **Note:-**

It will be sole responsibility of the Tenderer / Contractor to maintain/restore the beautification of lighting work till the completion of DLP of the work.

**All the works contained in the scope of the work shall be carried out strictly as per relevant specifications applicable.**

- i) The above is general description of the scope of work and actual work mentioned above shall be governed by B.O.Q. and as directed by the Engineer.**
- ii) Applicable schedules Unified Schedule of Rates effective from year 2018.**

**Estimated cost of the work: - As per the Tender notice.**

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

### **e-TENDERING ONLINE SUBMISSION PROCESS**

The terminology of e-Tendering is solely depending upon policies in existence, guidelines and methodology adopted since decades. The SRM is only change in process of accepting and evaluation of tenders in addition to manual. The SAP module to be used in this e-tendering is known as Supplier Relationship Module (SRM). SRM is designed and introduced by ABM Knowledge ware Ltd. who will assist BMC in throughout the tendering process for successful implementation.

**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”

- a) Before entering in to online tendering process, the contractors should complete the registration process so as to get User ID for E-tendering links. For this, the contractors can access through Supplier registration via BMC Portal. There are two methods for this registration :( II and III)
- b) Transfer from R3 (registered contractors with BMC) to SRM
  - a) Contractors already registered with BMC will approach to Vendor Transfer cell.
  - b) Submit his details such as (name, vendor code, address, registered Email ID, pan card etc.) to Vendor transfer cell.
  - c) BMC authority for Vendor Transfer, transfers the Vendor to SRM application from R3 system to SRM system.
  - d) Transferred Vendor receives User ID creation link on his supplied mail Id.
  - e) Vendor creates his User ID and Password for e-tendering applications by accessing link sent to his mail ID.
- c) Online Self Registration (Temporary registration for applicant not registered with BMC)
  - a) Vendor fills up Self Registration form via accessing BMC portal.
  - b) Vendor Transfer cell (same as mentioned above) accesses Supplier Registration system and accepts the Vendor request.
  - c) Accepted Vendor receives User ID creation email with Link on his supplied mail Id.
  - d) Vendor creates his User ID and Password for e-tendering application.
- d) CONTRACTORS BIDDING: Applicant will Quote and Upload Tender Documents:



- 1) Access e-tender link of SRM Portal
- 2) Log in with User ID and Password
- 3) Selects desired Bid Invitation (he wants to bid)
- 4) To download tender documents contractors will have to pay online Tender fee. The same can be done by accessing Pay Tender Fees option. By this one will be able to pay Tender fee through Payment Gateway-If transaction successful, Contractors can register his interest to participate. Without Registration one cannot quote for the Bid/Tender.
- 5) Applicant will download Tender Documents from Information from purchaser tab by accessing Purchaser document folder through collaboration 'C' folder link.
- 6) Applicant will upload E-Packet A related and E-Packet B related Documents in E-Packet A and E-Packet B folder respectively by accessing these folders through "My Notes" Tab and collaboration folder link.
- 7) All the documents uploaded have to be digitally signed and saved. Contractors can procure there digital signature from any certified CA's in India.
- 8) Bid security deposit/EMD and ASD, if applicable, should be paid online as mentioned in tender.
- 9) For commercial details (in E-Packet C) contractors will fill data in Item Data tab in Service Line Item via details and quotes his "Percentage Variation" (i.e.% quoted) figure.(If entered '0' it will be treated as at par. By default the value is zero only.
- 10) Applicants to check the bid, digitally signs & save and submit his Bid Invitation.
- 11) Applicants can also save his uploaded documents/commercial information without submitting the BID for future editing through 'HOLD' option.
- 12) Please note that "Hold" action do not submit the Bid.
- 13) Applicants will receive confirmation once the Bid is submitted.
- 14) Bid creator (BMC) starts Bid Opening for E-Packet A after reaching End Date and Time and Bid Evaluation process starts.

As per Three E-Packet system, the document for E-Packet A & B are to be uploaded by the tenderer in 'Vendor's document' online in E-Packet A & B. Before purchasing/ downloading the tender copy, tenderer may refer to post- Qualification criteria mentioned in e-Tender Notice.

The Tenderer shall pay the EMD/Bid Security through payment gateways before submission of Bid and shall upload the screenshot of receipt of payment in e-Packet 'A' instead of paying the EMD at any of the CFC centers in BMC Ward Offices.

The e-tender is available on BMC portal, <http://portal.mcgm.gov.in>, as mentioned in the Header Data of the tender. The tenders duly filled in should be uploaded and submitted online on or before the end date of submission. The e-Packet 'A', e-Packet 'B' & e-Packet 'C' of the tenderer will be opened as per the time-table shown in the Header Data in the office of **Assistant Commissioner (R/North)**.

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 BMC Portal (<http://portal.mcgm.gov.in>).

**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 Municipal Corporation of Greater Mumbai (MCGM) 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 Municipal Corporation of Greater Mumbai, (MCGM) in **Class II** (excluding those who are blacklisted or against whom FIR has been filed) 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 MCGM will have to apply for registering their firm within three months from the date of issue of work order, otherwise their Bid Security i.e. E.M.D (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 contractors payment/bill by existing department in MCGM.

Joint venture will be allowed for the works having estimated cost more than Rs.100 Cr. and consortium will not be allowed. Similarly, sub-letting will not be allowed. JV partner should have proportionate work as well as financial experience. Also shall have same eligibility criteria.

The leading partner shall be solely responsible for the entire work.

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

### **6.1 Technical Capacity**

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 each of value not less than the value equal to 20% of estimated cost put to tender**

**OR**

**b) Two similar completed works each of value not less than the value equal to 25% of estimated cost put to tender**

**OR**

**c) One similar completed work of value equal and or not less than the 40% of estimated cost put to tender.**

The value of executed 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.

## **6.2 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 Five (5) 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 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.

## **6.3 Similar Experience :-**

For assessing the technical capacity of this work similar experience shall mean **“any work in any department”** as mentioned hereinafter, for the completed and / or on-going works in building construction or building maintenance such as repairs / retro-fitting / structural repairs or construction /repairs of asphalt / concrete roads or laying a sewer lines along with alike components or laying /rehabilitation of water pipe lines in cast iron / MS Pipe / HDP / MDP pipes or repairs / maintenance / construction of culverts over nalla / beautification work.

**Note: Consider this tender as regular/routine tender.**

## **6.4 Bid Capacity:**

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

Assessed Available Bid Capacity =  $(A * N * 2 - B)$

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 (05) 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, including monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year)

**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

### **6.5 Equipment Capabilities as required for this work**

- a) **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 e-Packet B. However, this condition in no way shall dilute the respective condition in Registration Rules of BMC.

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

### **6.6. 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.

For fixing requirement of Technical Staff as required for this work.

#### **A—General Guidelines for Fixing Requirement of Technical Staff**

<b>Cost of Work (Rs. In Crore)</b>	<b>Requirement of Technical Staff</b>		<b>Minimum Experience (years)</b>	<b>Designation</b>
	<b>Qualification</b>	<b>Number</b>		
More than 100	i) Graduate Engineer (Major Component)	1	20	Project Manager in Major Discipline of Engineering
	ii) Graduate Engineer	2+1	12	Deputy Project Manager in Major Discipline of Engineering
	iii) Graduate Engineer	4	5	Project/Site Engineer

	_____or Diploma Engineer	2	10	
	iv) Graduate Engineer	1+1	8	Quality Engineer
	v) Diploma Engineer	1	8	Surveyor
	vi) Graduate Engineer	1+1	6	Project Planning /Billing Engineer
More than 50 to 100	i) Graduate Engineer	1	20	Project Manager
	ii) Graduate Engineer	1+1	12	Deputy Project Manager
	iii) Graduate Engineer or Diploma Engineer	2+1	5 or 10	Project/Site Engineer
	iv) Graduate Engineer	1	8	Quality Engineer
	v) Diploma Engineer	1	8	Surveyor
	vi) Graduate Engineer	1+1	6	Project Planning /Billing Engineer
More than 20 to 50	i) Graduate Engineer	1	20	Project Manager
	ii) Graduate Engineer or Diploma Engineer	1+1	5 or 10	Project/Site Engineer
	iii) Graduate Engineer	1	8	Quality Engineer
	iv) Diploma Engineer	1	8	Surveyor
	v) Graduate Engineer	1+1	6	Project Planning /Billing Engineer

**Notes: (1)** "Cost of work", in table above, shall mean the agreement amount of the work.

**(2)**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	20	Rs.60000/ p.m.
2	Deputy Project Manager with Degree	12	Rs.40000/ p.m.
3	Project/Site Engineer (Degree/Diploma)	5 or 10 respectively	Rs.25000/ p.m.
4	Quality Graduate Engineer	8	Rs.25000/ p.m.
5	Surveyor	8	Rs.15000/ p.m.

6	Project Planning /Billing Engineer	6	Rs.20000/- p.m.
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- 1) ~~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.~~
- 2) ~~Requirement of technical staff and their experience can be varied depending upon cost and complexity of the work by competent authority i.e. Ward Executive Engineer with recorded reasons.~~
- 3) ~~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.~~

### B General Guidelines for Fixing Requirement of Technical Staff

Cost of Work (Rs. In Crore)	Requirement of Technical Staff (Major+Minor Component)		Minimum Experience (years)	Designation
	Qualification	Number		
10 to 20	i) Project Manager with degree in corresponding discipline of Engineering	1	10	Principle Technical Representative
	ii) Graduate Engineer	1	5	Technical Representative
	iii) Graduate Engineer or Diploma Engineer	2	2	Project/Site Engineer and Project Planning /Billing Engineer.
More than 5 to 10	i) Graduate Engineer	1	5	Principle Technical Representative
	ii) Graduate Engineer or Diploma Engineer	2	2	Project/Site Engineer.
		2	5	Billing Engineer

**Notes:**

- 1) "Cost of work", in table above, shall mean the agreement amount of the work.
- 2) 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.

- 3) 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.

- 4) Requirement of technical staff and their experience can be varied depending upon cost and complexity of the work by competent authority i.e. Ward Executive Engineer with recorded reasons.

**6) TIME PERIOD OF THE PROJECT:**

Entire project should be completed and delivered within Three **(03) months (including monsoon)** of time from the date of award. 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 :**

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 Three (03) months including monsoon.

The above Programme is indicative and need to be worked out for every project for major activities) with respect to parameters such as preliminary works, arrangement of labours and machineries, procurement and transportation of materials etc. The Ward Executive Engineer shall approve the phase wise programmer of the project in the Tender Document.

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 programme submitted by the Contractor.

**7) 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.

- 8) 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.
- 9) 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 work in good order, the amount of security deposit



retained by BMC shall be adjusted towards the excess cost incurred by the Department on rectification work.

**10) 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.
- d) 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.

**11) 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.

➤ **SUBMISSION OF TENDERS**

**e-PACKET-A**

**The e-Packet 'A' shall contain scanned certified copies of the following documents-**

Scrutiny of this e-Packet will be done strictly with reference to only the scanned copies of Documents uploaded online in e-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) A document in support of Registration under GST Act 2017. Those who have not registered shall submit an undertaking to the effect that if they become successful tenderer, they shall submit GST Certificate in Maharashtra within 15 days of issue of work order, failing which payment for the work executed will not be released.

"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 & Duties. 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 of any. 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 and if There is any subsequent change (after submission of bid) in rate of GST applicable on 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.

- 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 e-Packet 'A'.
- g) Scanned copy of details of online payment of EMD shall be uploaded.

**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 e-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.
- **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.**
- In case of non-curable defects, the same will not be communicated and the bid will be made non-responsive and their 10% of 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.
- 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.
- Any Forged / Fake document found uploaded then bidder will be disqualified and debarred from all bidding process for two years.

**e-PACKET – B**

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

- a) The list of similar type of works as stated in para ‘A’ of Post qualification successfully completed during the last Seven years in prescribed proforma, in the role of prime contractor. 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 para ‘A’ of Post qualification.
- b) Annual financial turnover for **preceding Five (05) 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 Three (03) 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 tenderers 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 equipment/machineries either owned/on lease or hire basis, at site before start of the work.

**A. Regular and Routine works:** The successful bidder shall 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 e-Packet B. However, this condition in no way shall dilute the respective condition in Registration Rules of BMC.

**B. New and Original Works: (Not Applicable for this tender)** ~~The bidder should, undertake their own studies and furnish with their bid, a detailed construction planning and methodology supported with assessment study of requirements of equipment/plants & machineries to allow the employer to review their proposal. The bidder shall ensure his commitment to 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 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~~

**C. Special Works : Not Applicable for this tender**

**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:- Bidder shall submit the undertaking for equipment capability and their undertaking as such on single Rs.500 stamp paper

**h)** Audited Balance Sheets for last Five (05) Financial Years

**i)** 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 set up.
- 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.
- 8) Corrigendum /Addendum, if any.
- 9) Information on Litigation History (Proforma VIII) in which the tenderer is involved – Proforma as below

Other Party (ies)	Employer	Cause of Dispute	Amount involved.	Remarks showing Present Status.
1	2	3	4	5

The bidder shall submit the litigation history in packet ‘B’ under the head ‘Details of litigation History’. (As per Circular u/no MGC/F/6565 dtd:25.09.2018)

- a) 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. organization initiated against the company, firm, directors, partners or authorized signatory shall be disclosed for the 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

**Note:**

- 1) **The Electrical / Mechanical work shall be got carried out by the civil contractors through the contractors registered with BMC in Electrical Category. Information about the registered contractors shall be obtained from the office of the Ch.E. (M&E)/ E.E. (Monitoring & Registration Cell). Attested scanned copy of the valid registration certificate in Electrical Category shall be uploaded in packet-B with the tender along with the undertaking from the registered Electrical Contractor stating his willingness to carry out the tender work.**
- 2) The successful bidder shall submit valid registration certificate under E.S.I.C., Act 1948, if the tenderer has more than 10 employees /persons on his establishment (in case of production by use of energy) and 20 employees/persons on his establishment (in case of production without use of energy) to BMC as and when demanded. In case of less employees/persons mentioned above then the successful bidder has to submit an undertaking to that effect on Rs. 500 stamp paper as per circular u/no. CA/FRD/I/65 of 30.03.2013.
- 3) The successful bidder shall submit valid registration certificate under E.P.F. & M.P., Act 1952, if tenderer has more than 20 employees/persons on his establishment, to BMC as and when demanded. In case if the successful bidder has less employees/persons mentioned above then the successful bidder has to submit an undertaking to that effect on Rs. 500 stamp paper as per circular u/no. CA/FRD/I/44 of 04.01.2013.
- 4) **The successful bidder shall appoint urban planner/ consultant having experience of designing /planning of beautification works such as Landscaping, horticulture etc., Beautification of footpaths by stamp concreting, lighting, Beautification of road dividers, Attested scanned copy of the valid registration certificate of Urban Planner/Consultant shall be uploaded in packet-B with the tender along with the undertaking stating his willingness to carry out the tender work. The payment for the Urban Planner/Consultant shall be borne by the bidder.**

**Note:**

- If it is found that the tenderer has not submitted required documents in e-Packet “B” 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.

**e-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 e-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 Asst. Commissioner R/North.**
- **The rate analysis should be Submitted by the tenderer through only e-mail within a time period of Three working days (as specified in the demand notification). Non-Submission of rate analysis due to failure of system, any other reasons is not acceptable.**
- **The format for rate analysis is annexed at Annexure D.**



## **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.
- The tenderers shall pay the EMD online instead paying the EMD at any of the CFC centre in BMC Ward Offices.
- 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 of L-3 and bidder shall be refunded immediately after opening of financial bid but, the EMD/ASD submitted by the L-2 bidder will be returned after obtaining approval of competent authority.
- **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. The cases wherein if the shortfalls are not complied by a contractor, 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-ported, 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.
  2. No rejections and forfeiture shall be done in case of curable defects. For non-curable defects the 10% of EMD shall be forfeited and bid will be liable for rejection.

**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. Goods Service Tax Certificate (GST)**

**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.**
- vii. **Details of Litigation History [As per circular no. MGC/F/6565dtd. 25.09.18  
(Setting up the parameters of litigation history of the bidder) the litigation history is included as a part of SBD]**

- b. **Wrong calculation of Bid Capacity,**
- c. **No proper submission of experience certificates and other documents, etc**

**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) **Non-Submission of Rate Analysis within three days of opening of e-Packet-C.**

### **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 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 deficit. 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 concealed 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 for New construction shall be as below:

Type of Works	DLP
Traffic island/Road Junctions	2 years
Wall painting	2 years
Bridges and optimum utilisation of area below Bridges	3 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

**Note :-** Tenderers shall note that Circular issued by MCGM from time to time in regards to Contract Security deposit/Retention Money/Additional Security Deposit/Performance Guarantee shall be applicable for this tender.

### **A. Security Deposit**

The security deposit shall mean and comprise of

- I. Contract Deposit and
- II. Retention Money.

**I. Contract Deposit** – The successful tender, 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.

### **B. Additional Security Deposit :-**

The additional security deposit will be applicable when a rebate of more than 12 % at the rate of with no maximum limit.

The ASD shall be paid offline and shall be applicable as under:-

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 & 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

The A.S.D as applicable from respective bidders in the form of Demand Draft, which is to be submitted one day before opening of Packet ‘C’ before 5.00pm to the respective Head Clerk (Expenditure) of R/North ward in sealed envelope. If the bidders fails to submit the A.S.D applicable or submit inadequate A.S.D, in the form of D.D at least one day before opening of Packet C before 5.00pm then the E.M.D of the respective bidder will be forfeited.” Further if A.S.D is not applicable to the bidder, then the bidder has to submit a NIL report in seal Envelope to the respective Head Clerk (Expenditure) of R/North ward, one day before opening of Packet ‘C’ before 5.00 pm.

### **C. Performance Guarantee**

The successful tender, here after 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 Applicable for rebate of 12%

For rebate of 12.01 %

$PG = (0.92\% \times \text{Contract Sum applicable for rebate of } 12\%) + (X) \times \text{Contract Sum}$   
where  
X= percentage 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 if 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.

All B.G. in lieu of performance guarantee, contract deposit and against retention money will not be accepted in broken period and same will be one complete for entire DLP period (revalidated one month prior to every two years) or till finalization of final bill or settlement of accounts of work by the Tenderer in all respect whichever is later. The B.G. for performance guarantee will be accepted on contract cost of part B only. As per tender DLP is only for part B, hence a single B.G. for performance guarantee up to DLP period will be insisted. B.G. in broken period will not be accepted.

#### **D. Deferred Payment**

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:

**For Two year DLP:- 20% withheld amount will be released as under: -**

5% of total billed amount will be released every six month ( 6,12,18,24<sup>th</sup> month)  
from the completion of work/submission of final bill, whichever is later.

**For Three year DLP:- 20% withheld amount will be released as under: -**

6% of total billed amount will be released after completion of 1<sup>st</sup> year DLP and 2<sup>nd</sup> year DLP respectively. And remaining 8% of total billed amount will be released after completion of 3<sup>rd</sup> year of DLP from the completion of work/submission of final bill, whichever is later.

- E. Since, 80:20 deferred payment scheme is implemented, retention money will not be deducted from the running bill.
- F. The 20% deferred payment shall not be released against Bank guarantee (B.G) at any stage of contract.

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

1. 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 award of contract only.
2. BMC departments shall ensure to incorporate specific condition regarding above in bid document and e-tender notice.

### **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.

#### **~~i. 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.~~

#### **ii. 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.

iii. **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 years of DLP</b>	<b>After completion of DLP</b>
<b><del>ASD+50 % of RM</del></b>	<b><del>CD+50% of RM</del></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 or 3 yrs Comprehensive maintenance period whichever is later</b>
ASD+50 % of RM	CD+ PG+50% RM

\*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 upto 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.

**E. Legal + Stationary Charges: (As per applicable Circular u/no. 26006 dated 22.07.2022 of legal department)**

Successful tender shall pay the Legal Charges +Stationary charges as per above Circular

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.

**F. Stamp Duty: (As per applicable circular)**

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 Bombay Stamp Act 1958, 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 :

(i)	Where the amount or value set forth in such contract does not exceed rupees Ten lakhs	Five Hundred rupees stamp duty
(ii)	Where it exceeds rupees Ten lakhs	Five Hundred rupees plus one hundred rupees for every 1,00,000/- or part thereof, above rupees ten lakh subject to the maximum of rupees twenty five lakh stamp duty.
(iii)	B.G.	0.5% of B.G. amount

- II. The successful bidder shall enter into a contract agreement with M.C.G.M. 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.BMC.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 **ac.rn@mcgm.gov.in** The subject shall clearly bear the following identification/ title: **"Queries/ Request for Additional Information: Beautification works to be carried out at various locations at Dahisar (East) & Dahisar (West) in R/North Ward under Mumbai Beautification Project Any changes in email ID will be intimated on the portal.**

3. 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 e-Packet C **on same BID-Document number for re-quoting** and such development needs to done by IT department in BMC’s SRM system. **Till such development is made; ‘Sealed Bids’ shall be called from the bidders quoting the same rates i.e. L1.**

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 Ward Executive.

The bidder shall need to submit the additional ASD if applicable within 7 days after receipt of notification issued by concerned **Asstt. Commissioner (R/North)** .

Also, the Performance Guarantee shall be paid in 15 days after receipt of Letter of Acceptance.

- As per circular CA/F/Project/17 of 06.09.19“Chapter XXI-Miscellaneous, Section 171(1) of GST Act, 2017 governs the “Anti Profiteering Measures” (AFM). As per the provision of this section, “Any reduction in Page 48 rate of tax on any supply of goods or services or the benefit o input tax credit shall be passed on to the recipient by way of commensurate reduction in prices”. Accordingly, the contractor should pass on the complete benefit accruing to him on account of reduced tax rate or additional Input tax credit, to BMC. Further, all the provision of GST Act will be applicable to the tender.”
- As per MGC/F/7867 dt 12/10/15 All excavated & surplus material on site will be disposed by next of transportation or as directed by Site in charge on the cost of contractor. No additional / separate payment will be done to contractor.

- As per circular MGC/F/7076 dt 30/08/18 It is directed to dispose of construction and demolition waste material by following due procedure in accordance with the provision of the Construction and Demolition Waste Management Rules-2016.
- As per circular U/No.MGC/F/6342 dated 5.5.2018, 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 color codes.”
- As per circular no. CA/FRT/623 dt 8/10/12 The party of second part shall duly observe & comply with all the provisions of law, rules & regulations referred by government / Municipal Corporation or any other competent authority applicable to the said tender work & the activity being conducted therein. Also, as per the circular CA/FRI/12 dtd. 21/06/12, 1% amount of labour cess will be recovered.
- As per circular MGC/F/6565 dated 25.09.2018 The bidder shall disclose the Litigation History in Packet ‘B’ under the heads “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.

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

### **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.

**Name of the Work: - e-tender no:- 7200038117**

Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in “R/North” Ward under Mumbai Beautification Project for the year 2022-2023.

**Scope of the work:-** All civil works related to Beautification of Traffic Islands , Beautification of walls by paintings, Beautification of areas below Bridges, Beautification of street lighting- etc. in R/North Ward, as directed by Engineer-in –Charge.

**Note:-**

- 1 The Tenderer / Contractor shall maintain the work of beautification of wall painting by applying painting coat regularly every six month till the completion of the DLP of the work with his own cost.
- 2 It will be sole responsibility of the Tenderer / Contractor to maintain/restore the beautification of lighting work till the completion of DLP of the work.

**All the works contained in the scope of the work shall be carried out strictly as per relevant specifications applicable.**

- iii) **The above is general description of the scope of work and actual work mentioned above shall be governed by B.O.Q. and as directed by the Engineer.**
- iv) **Applicable schedules Unified Schedule of Rates effective from year 2018.**

**Estimated cost of the work: -** As per the Tender notice.

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

**Subject :- BOQ for the various beautification of island, Wall Painting and open space below C S Link Road Flyover in Anand Nagar, in Dahisar, R/North Ward**

<b>r. No.</b>	<b>ITEM NO</b>	<b>DESCRIPTION OF WORK</b>	<b>Total Quantity</b>	<b>RATE</b>	<b>Unit</b>	<b>AMOUNT</b>
1	R2-RW-4-03	Removing existing kerb stone	60.32	32	Rmt	1930.24
2	R2-CS-DD-1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer	12.22	1314	Cum	16057.08
3	R2-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, reclaime	1905.6961	307	Cum	585048.703
4	R2-CS-EW-3	Excavation for foundation, substructures, basements, tanks, sumps, walls, chambers, manholes, trenches, poles, pits & general building works in soft/ disintegrated rock, sand stone, stiff clay, gravel, cobblestone, hard laterite, water bound macadam, wet mix macadam, asphalt mix carpet of any type, pitching, soling, paths and hardcore, lime concrete, plain cement concrete, stone masonry and all types of brick/ block masonry below ground level, rock boulders, etc. for depths/ lifts upto 1.5M measured from the ground level, including dressing/ trimming the sides, leveling of bottoms, manual dewatering, removing rank vegetation, backfilling in layers not more than 200mm thickness, watering, consolidating, compacting to achieve not less then 97% Modified Proctor density conforming to relevant IS,	163.39	500	Cum	81695

		stacking 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.				
5	R2-CS-EW-23	"Providing & Laying dry stone Rubble Pitching with average 150 mm size and of minimum thickness 230 mm hard stone set in regular lines to form plane surface, handpacked and interstices thoroughly filled with small chips including providing and laying gravel quarry spells underneath for leveling undulations of the ground. etc complete as directed by Engineer In Charge. (Note: The rate includes the royalty and other taxes if any)"	36.55	416	Sqm	15204.8
6	R2-CS-Ew-24	"Providing and Laying 230mm thick Rubble Stone for Pitching on sloping ground or wherever directed, properly arranging and placing the rubble stones to achieve a plane top surface, set in regular line & slope, including breaking, laying gravel, quarry spells underneath and manually packing the voids with rubble chips, flush pointing with cement mortar 1:4 up to 25mm deep, etc. complete as specified & as directed.	23.75	535	Sqm	12706.25
7	R2-CS-EW-26	Providing & Laying dry stone Rubble Soling with average 230 mm size hard stone set in regular lines, handpacked and interstices thoroughly filled with small chips class designation 3.5	982.0321	2231	Cum	2190913.62



8	R2-CS-EW-27	"Providing & Laying 150 mm thick dry stone Rubble Soling with average 150 mm size hard stone set in regular lines, handpacked and interstices thoroughly filled with small chips including filling in with good quality murum brought from outside, compacting with iron rammers, watering, sand spreading 12mm thk. layer of grit on top etc complete as directed by Engineer In Charge. (Note: The rate includes the royalty and other taxes if any)"	54.15	273	Sqm	14782.95
9	R2-CS-CW-1-A	Providing and laying in position plain cement concrete of specified grade cement with trap/ granite/ quartzite/ gneiss metal mixing in concrete mixer including bailing out water, compacting, finishing surface, curing and including the cost of centering and shuttering at all level :Nominal Mix of 1:1.5:3 (1 cement OPC: 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	17.5	7062	Cum	123585
10	R2-CS-CW-1-C	Nominal Mix of 1:3:6 (1 Cement OPC: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	43.394	6236	Cum	270604.984
11	R2-CS-CW-1-D	Providing and laying in position plain cement concrete of specified grade cement with trap/ granite/ quartzite/ gneiss metal mixing in concrete mixer including bailing out water, compacting, finishing surface, curing and including the cost of centering and shuttering at all level :Nominal Mix of 1:4:8 (1 Cement OPC: 4 coarse sand : 8 graded stone aggregate 20 mm nominal size).	1.08	5996	Cum	6475.68
12	R2-CS-MW-24	Constructing uncoursed rubble masonry in cement mortar 1:3 of first sort	23.4912	6250	Cum	146820
13	R2-CS-PL-39	Providing raised and cut pointing to any kind of stone masonry work at all heights and locations	312.136	378	Sqm	117987.408

14	R2-CS-CW-1-B	Nominal Mix of 1:2:4 (1 cement OPC: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	989.9818	6821	Cum	6752665.86
15	R2-CS-SS-01	Providing, detailing, fabricating and fixing at desired location using hot rolled sections and MS Plates of grade Fe 250 as per specifications and approved fabrication drawings (which are to be prepared by Contractor and	5.952	80088	Ton	476683.776
16	R2-CS-SS-04	Providing, detailing, composite fabricating members like Trusses, N-girders, girders, bracings, supports, purlins, runners, and similar structural steel members fabricated using M.S. hollow tubular steel sections (circular & rectangular pipes), of TATA Structura Make or equivalent conforming to IS 1239 part 1 and 2 and of grade Fe 250 as per specifications and approved fabrication drawings (which are to be prepared by Contractor and got approved from Engineer), including transportation of the same to site, erection of structural steel members for all heights & at all levels, provision of necessary erection bolts, fixing bolts, nuts, washers, cleats, stiffeners, gussets, base plate, and all necessary operations like preheating as per specifications, straightening, bending, cutting, drilling, grinding, machining if specified, welding, grinding, removing the welding burr and preparing surface for painting with wire brush cleaning and applying two coats of epoxy red oxide zinc phosphate primer of 30 microns each and two coats of Epoxy Corrosion Resistant Enamel paint of 30 microns after fabrication including touching up with spray painting after erection etc complete as directed by Engineer In Charge.	1.5	82427	Ton	123640.5

17	R2-ME-4-29-A	SITC of LED Post top Lantern/ Handi type – 50 W- Minimum system efficacy of 100 lumen/watt supported with LM79 report . The luminaire shall have rated system lifetime of 50,000 burning hours at L70. The luminaire should have cool white colour temperature The luminaire shall meet IP66 rating The luminaire housing should be made of pressure die cast aluminum .p	35	9343	EA	327005
18	R2-ME-7-1-C	Earthing station with 600 mm x 600 mm x 6 mm galvanised iron plate & 50 mm dia. G.I. pipe, 3000mm long GI pipe (Class B or better) earth pit as per IS 3043. The earth pit shall be provided with wateri ng pipe (Class B) with wire messed funnel, 25x3 GI strip / 8 SWG GI wire up to chamber (wire or strip size as per fault level), disconnecting links with 600 x 600 mm (clear) RCC chamber & heavy duty 3 mm thick CI chequered plate cover with hinge & stainless steel bolts.	5	17789	EA	88945
19	R2-GW-7-1	Suply and Spreading of Red Hill Earth and Cow Dung Mannure in 2:1 Proportion up to 30 cm. Depth. Applcation of suitable pesticides and fungicides withRHE and CDM.	1126.32	378	Sqm	425748.96
20	R2-GW-7-11	Red hill earth free from graass, stones, rubbles redish in colour pass through 5 mm sieve and spreading of red hill earth at site location/ plot and rolling as directed by site incharge	38.722	1283	Cum	49680.326
21	R2-GW-7-12	Cow dung Mannure should be bownish in colour free from grass, free from pest and disease imidietly treated with pesticide and fungicides after delivery . Spreading of cow dung manure at site location / plot as directed by site incharge	12.97	1281	Cum	16614.57

22	R2-GW-2-1-A-9	Carpet of lawn should be lush green , free from weeds and pests. Lawn should be removed alongwth 3 Cm soil layer from farm or nursery , laying of carpet lawn on levelled ground in such a manner that n	187.88	207	Sqm	38891.16
23	R2-RT-16-14	PROVIDING, FABRICATING AND FIXING CIRCULAR STEEL BOLLARDS OF 100MM DIA	77	16062	EA	1236774
24	FA-TR-2018-17	CAT EYES/ROAD STUDS WITH TWIN SHANKS: Supplying & Fixing of Molded Shank Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kg tested in accordance to ASTM D	160	400	EA	64000
25	R2-RT-16-32	Providing and applying hot applied thermoplastic road marking material with glass beads extremely high skid resistance 2.5mm thick with primer coat (tack coat) for binding on cement concrete road/pave	11.85	727	Sqm	8614.95
26	R2-RT-16-34	Supplying/ fixing of Two Way Raised Pavement Markers made of polycarbonate moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light ente ring the lens face and shall support a load of 13635 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.0 6. 1997 . The minimum reflective area of 13 SqCm on NOS side and the slope to the base shall be 35 +/- 5 degree. Fixing will be without nails but by using epoxy resin based adhesive as per manufacturer’s recommendation including site clearance etc and complete as	96	427	Nos	40992

27	CE4-07-076-FF-47A	P/F MURAL MADE IN FIBRE RAINFORCED PLASTIC AS PER GIVEN ART WORK OF REQUIRED SIZES	143.14	10940	Sqm	1565951.6
28	R2-ME-4-34-d	SITC of Spot Light- With a minimum system efficacy of 80 lm/W	140	1077	Nos	150780
29	XGN-06-002-FA64	S S Name Bord Plate.....Etc.	7.2	45795	Sqm	329724
30	XGN-06-002-FA71	Providing & fixing water proof EG 197 focus light with 240 W. B.C. Havell's lamps fixed on coconut or other tree upto height of 12 to 15mtrs. Or as proposed.	145	8481	Nos	1229745
31	ME2-12-047.001-1	CHARGES FOR ELECT.SUPPLY WITH ENERGY METER FROM M/S RELIANCE ENERGY	11	15000	Nos	165000
32	R2-CS-DD-3	Demolishing brick work in lime or cement mortar including plaster, paint, etc. manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge."	100.11	484	Cum	48453.24
33	R2-CS-MW-3-A	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 3.5 and above in superstructure above plinth level upto floor five level in all shapes and sizes in: Cement mortar 1:3 (1 cement : 3 coarse sand)	92.03	7153	Cum	658290.59
34	R2-CS-MW-3-B	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 3.5 and above in superstructure above plinth level upto floor five level in all shapes and sizes in :Cement mortar 1:4 (1 cement : 4 coarse sand)	191.79	6930	Cum	1329104.7

35	R2-CS-PL-17-C	Providing and applying 25 mm thick external sand faced cement plaster with neat cement rendering upto 10m from ground level and at all locations in cement mortar proportion specified below in two coats for masonry (except stone masonry) and concrete surfaces including providing water proofing compound to the first coat of plaster as per manufacturers specification, racking out joints, hacking of concrete surface, finishing, curing, scaffolding etc complete as directed By Engineer In Charge.	123.85	561	Sqm	69479.85
36	R2-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	200.5	2275	Cum	456137.5
37	SWD-17-A	Providing and laying RMC (Ready Mixed Concrete) M-20 grade RCC (Reinforced Cement Concrete) work in dhapas, beams and slabs, etc. with reinforcement between 0.8% to 1%, including curing by any means, providing, placing, removing, launching, cleaning, stripping the form work, finished with cement sand plaster 12 mm thick in 1:2 proportion, etc. complete as directed by Engineer-in-Charge.	5.25	14045	Cum	73736.25

38	R2-SWD-17-A	Providing and laying RMC (Ready Mixed Concrete) M-25 grade RCC (Reinforced Cement Concrete) work in dhapas, beams and slabs, etc. with reinforcement between 0.8% to 1%, including curing by any means, providing, placing, removing, launching, cleaning, stripping the form work, finished with cement sand plaster 12 mm thick in 1:2 proportion, etc. complete as directed by Engineer in Charge.	90.83	16195	Cum	1470991.85
39	CE5-10-024-FAIR1	MURAL IN PAINT	601.98	8016	Sqm	4825471.68
40	R2-RT-16-03	Providing, fabrication and fixing Stainless Steel railing of 10 Gauge of 304 grade stainless steel having minimum nickel content of 10% (laboratory testing certificate shall be provided for used material) 40mm X 40mm square pipe railing with 18mm X 18 mm square intermediate support 65mm X 65mm square, main support with stainless steel pedestal (base-I type) and stainless steel cap (type-I) including cutting welding, riveting, polishing as directed and fixing in cement concrete foundation as shown vide Sr.No.2F-A1 in catalogue of steel Furniture (Vol.I) published by M.C.G.M. including removal of surplus material/ debris and restoring damage portion of footpath etc. as directed.	30.2	18297	Rmt	552569.4

41	R2-RT-16-05	<p>Providing, fabrication and fixing Stainless Steel railing of 10 gauge of 304 grade stainless steel having minimum nickel content 10% ( Laboratory testing certificate shall be provided for used materia l), dia. 40mm circular pipe railing with dia. 18mm circular intermediate support, dia. 65mm circular main supports with Stainless Steel pedestal( base-I type) and Stainless Steel cap (type- I) including cutting, welding, riveting, polishing as directed and fixing incement concrete foundation as shown vide Sr.No. 2F-A1 in catalogue ofStreet Furniture (Vol.I) published by M.C.G.M. including removal of surplus material/debries and restoring damaged portion of footpath, etc. as directed.</p>	20	16764	Rmt	335280
42	R2-CS-SS-23	<p>Providing, detailing, and fabricating as per specifications, transporting to site and erecting ladder / railing using stainless steel hollow pipes of grade 304 including, S.S. fixtures and fastenings , cleats, stiffeners, gussets etc. and all necessary operations straightening, bending, like cutting, drilling, welding, grinding and removing the welding burr, machining if specified, finishing, cleaning etc. complete as directed by Engineer In Charge.</p>	294	707	KG	207858
43	R2-CS-FL-50	<p>Providing and fixing 20mm to 25 mm thk. polished jet black granite stone plaque for inauguration of approved quality including preparing the surface and levelling in the desired line, cement float, machine cutting, leveling, jointing, filling the joints with</p>	3.6	3636	Sqm	13089.6
44	SG8-13-004.002-FA2	<p>SUPPLY AND INSTALLATION OF FFRP SPHERE SCULPTURE</p>	6	450000	Nos	2700000



45	R2-CS-FL-51-A	Engraving the letters of sizes specified below in golden or any other approved colour on granite stone etc. complete as directed by Engineer In Charge. Letters upto 30mm in any language as directed.	516	33	Rmt	17028
46	R2-CS-FL-51-B	Engraving the letters of sizes specified below in golden or any other approved colour on granite stone etc. complete as directed by Engineer In Charge Letters above 30mm and upto 50mm in any language as directed.	890	39	Nos	34710
47	R2-CS-FL-51-C	Engraving the letters of sizes specified below in golden or any other approved colour on granite stone etc. complete as directed by Engineer In Charge Border line upto 12mm thk.	30.8	224	Rmt	6899.2
48	R2-ME-4-5-K	SITC of T-5 Fixtures – Light fixtures complete with: a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation. b) Lamp of specified wattage c) Electronic ballast of suitable capacity as per specification- Garden light luminaire type bollard of powder coated aluminium housing suitable for PLS 1 x 9 / 18 W lamp along with gear unit and 1 No. PLS 9 / 18 W lamp	42	6552	Nos	275184
49	CE4-21-035.1-FA11	Removal of vegetation, plant/ficus growth by pulling out root system embedded in masonry, cutting stem and treatment by application of hing/gur/lime formulation along with brushing for algea, microscopic roots and deposit removal with wire brushes.	1005	487	Sqm	489435

50	R2-CS-PN-13	Extra over item no. CS-PN-1 and CS-PN-2 for preparing the old surface for white/colour wash or dry/water bound distemper including scrapping the old paint with wire brush, blades or sand papers upto original surface, filling in the cracks and loose patches etc. with C.M 1:3 etc. complete as directed	1135	10	Sqm	11350
51	R2-CS-PN-1	Providing and applying three coats of White/colour wash to any surface with lime wash prepared from quick lime of best quality by adding blue/colour pigments and glue of approved colour, quality in required quantities at all height and locations as directed including scaffolding, cleaning and preparing surfaces for painting with broom, coir and sand paper if necessary or by any other approved means etc. complete as directed by Engineer-in-charge.	2725	46	Sqm	125350
52	R2-CS-PN-3	Providing and applying first single coat of approved primer and two coats of acrylic distemper (oil bound distemper) of an approved make and colour as per manufacturers specifications to any surface, at all height and locations as directed including scaffolding, cleaning and preparing surfaces for painting with broom by any approved means, etc. complete as directed by Engineer-in-charge.	7977.53	98	Sqm	781797.94
53	R2-CS-PL-18	Providing and applying 20 mm thick external sand faced cement plaster by using ready-mixmortar upto 10m from ground level and at all locations in two coats for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, finishing, curing, scaffolding etc. comple	100	662	Sqm	66200

54	R2-CS-FL-28-L	Providing and fixing polished natural stone tiles as specified below of approved quality, pattern and colour for dado 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 or pigment mixed with cement, polishing, finishing, curing etc complete as directed by Engineer In Charge.18mm thk. Ruby red, jet black, Hasan green Granite	150.53	2510	Sqm	377830.3
55	CE3-07-001-4AA04	Laying readymade carpet lawn of Jumping/ Korian / Zoacia on prepared ground and maintaining the same by watering & weeding plantation.	42	187.5	Sqm	7875
56	R2-CS-SS-19-C	Providing, fabricating M.S. ornamental railing of simple geometrical design weighing as specified below with country teak wood moulded hand rail 10 cm x 5 cm with winders and newel posts complete if required with 3 coats of french polish or synthetic enamel paint, fixing the M.S. railing securely in floor, wall etc. as directed by Engineer In Charge.M.S. ornamental railing weighing above 20 k g and upto 25 kg per sqmt.	96	2348	Sqm	225408
57	ME3-10-010-001F34	Providing, fixing, Testing and commissioning of "Spot light" fitting suitable for 2 X 18W lamps. The rate shall be inclusive of cost of 2 X 18W lamps & acrylic cover. [Wipro Make:- Type- WCP – 36218]	25	1260	Nos	31500
58	BTMC-ELEC-33	SITC of FRLS-H Cable 4 C X 16 Sq. mm. A Y F Y XLPE	700	350	Mtr	245000

59	R2-RW-1-10	To carry out earth work in embankment or filling in low lying ground with Municipal earth, debris in layers not exceeding 25cm. in loose thickness & compacting each layer with 10/12 tonnes power roller , watering etc. in conformity with the lines, grades & cross sections including clearing & grubbing the ground etc. completes specified as directed by the Engineer. (Transport of Municipal earth will be paid separately) as per road specifications and as per prevailing MCGM specification for Roadworks clause no. 151.0	89.78	184	Cum	16519.52
60	R2-WSP-1-1	Clearing the land of all vegetation, stumps, removal of roots, cutting and disposal of the trees upto 30 cms. in girth.	127.73	60	Sqm	7663.8
61	R2-CS-MW-1-A	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 3.5 and above in foundation and plinth in: Cement mortar 1:3 (1 cement : 3 coarse sand)	32.03	6031	Cum	193172.93
62	R2-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	75.76	480	Sqm	36364.8
63	R2-CS-PL-08-b	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.	350.66	459	Sqm	160952.94

64	R2-CS-PL-27	Providing and applying cement plaster for band projections of 25 to 30mm thk. and 150 to 200mm wide,withsmooth/ decorative/ rough finished surface, at all heights and locations in cement mortar 1:3for masonry (except stone masonry) and concrete surfaces including, racking out joints, hacking of concrete surface, finishing, curing, scaffolding etc complete as directed By Engineer In Charge.	50	128	Rmt	6400
65	R2-CS-PN-27	Providing and applying one coat of approved silicate based primer with roller / brush and one coat of granite textured exterior paint of an approved make with spray to get designed finish with two coats of lacquer in approved finish shade of thickness 2-2.5mm as per approved manufacturers specifications to textured sand faced or other surfaces, at all heights and locations as directed including preparing surfaces for painting by any approved means, watering, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge.	252.23	1552	Sqm	391460.96
66	R2-CS-SL-12-a	Providing and Fixing MS Safety grill of weight specified below for windows as per design including fabricating the grill using M.S. square / round bar, flats and angles including painting with one coat of red oxide zinc chromate primer and two coats of synthetic enamel paint of approved colour and brand etc complete as directed.Grill weighing 10 to 15 kg / sqm	219.02	2021	Sqm	442639.42
67	R2-CS-RM-99	Providing & fixing Aluminium composite sheet of 3 mm thick either suspended or fixed bracketed on wall with U.V digital printing at suitable locn including all necessary framework completed as per detailed drawings to be issued	22.23	6847	Sqm	152208.81

68	R2-CS-RM-142-a	Providing & Fixing signage made of 15 mm thick solid white acrylic laser cut out letters for height up to 25" etc complete.	712.44	425	'	302787
69	R2-ME-2-3-A	1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables -1st category 2C x 1.5 Sq.mm	127	80	Mtr	10160
70	R2-ME-2-3-E	1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables -1st category 2C x 2.5 Sq.	429.8	105	Mtr	45129
71	R2-ME-2-1-H	1.1 kV grade stranded Al conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables- 1st Category- 3C x 4.0 Sq.mm	1830	98	Mtr	179340
72	R2-CS-PN-17-A	Lettering or numbering of 65 mm to 75mm height with synthetic enamel paint in any approved colour, style and pattern, including french polishing or synthetic enamel painting the back ground with three coats of approved colour etc. complete as directed by Engineer-in-charge. With synthetic enamel / oil paint other than golden colour	175	36	Nos	6300
73	R2-ME-1-1-B	SFU with rewirable fuses (porcelain fuse unit) as per IEC 60947 Part 1 & 3 / IS 13947 part 1 & 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected (if 16/18 SWG/ 1.62/1.21 mm Not available) with PVC insulated cu wires for interconnection, bus bar, earthing terminal, and all other accessories to complete the work. SFU shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be as per IS 5. MS angle iron frame to mount the unit is included. IP for enclosure shall be IP43 for Indoor unit and IP	6	1526	Nos	9156

74	R2-ME-1-1-F	SFU with rewirable fuses (porcelain fuse unit) as per IEC 60947 Part 1 & 3 / IS 13947 part 1 & 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected (if 16/18 SWG/ 1.62/1.21 mm Not available) with PVC insulated cu wires for interconnection, bus bar, earthing terminal, and all other accessories to complete the work. SFU shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be as per IS 5. MS angle iron frame to mount the unit is included. IP for enclosure shall be IP43 for Indoor unit and IP 55 for Outdoor unit 32 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	2	2463	Nos	4926
75	R2-ME-1-19-a	MCB in 16 SWG CRCA sheet enclosure, powder coated, wall / column mounted with provision for support arrangement, 2 earthing terminal, Incoming & outgoing cable terminal etc. with required hardware & fasteners. All MCBs shall be rated for 10kA, C curve type. Colour shade shall be RAL 7032 Smoke gray as per IS 5. IP 43 Enclosure – 16/32 Amp. DP MCB	16	2974	Nos	47584
76	R2-ME-1-14-E	Distribution board with metal door of various sizes on wall/ Column/floor mounting, with required hardware & fasteners. For MCCB incomers, ON/OFF & TRIP indication lamps shall be provided. All MCBs shall be rated for 10kA, C curve type. All the DBs are readymade DBs inclusive of MCCB, MCB, terminal connectors, earth bus, neutral bus, undrilled gland plate and earth terminals (2Nos.) Cost of DBs include rates of DB, MCB, MCCB & other accessories – IP 42 Wall/column Mounted	6	4449	Nos	26694

77	R2-ME-1-10-C	MAINS -Wiring & Laying rate for mains include wires/flexible cables, pull boxes, flexible conduit, conduit junction box, clamps, cleats, hardware, accessories, anchor fasteners etc. It shall include supply and installation of all the above as applicable .- 1.1 kV grade 2 Nos. (P+N) copper conductor flexible cable of area 4.0 sq mm and 1Nos. (E) 2.5 sq. mm copper cable for 30 /32 Amp. single phase switch.	6	458	Mtr	2748
78	R2-ME-1-25-C	ELCBs In 16 SWG CRCA sheet steel enclosure, powder coated, wall /column mounted with provision for support arrangement, 2 arthing terminal, Incoming & outgoing cable terminal etc. Colour shade shall be RAL 7032 Smoke gray as per IS 5.- with 100mA Sensitivity 40Amp. 2Pole	4	5079	Nos	20316
79	R2-ME-2-22-A	Supply & Laying of double wall corrugated ( DWC) pipes of HDPE for underground cable protection as per IS 14930 Part II. With necessary connecting socket/couplings, tees of some material at required depth up to 900 mm below road ground surface. backfilling of with light ramming is included in the scope. -50 mm OD / 38 mm I.D.	50	226	Mtr	11300
80	R2-ME-2-8	Excavating the trenches and refilling, reinstatement of the same after the cable is laid in approved manner (750 mm deep, 600 mm wide),in all types of soils 1 Cu. Mtr. = 2.2 Mtr.	646	307	Cum	198322
81	R2-ME-3-27-B	Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing & 3 plate ceiling rose) : PVC conduit concealed with modular switches & FRLSZH wires. - Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing & 3 plate ceiling rose) using CASING-N CAPING- First	20	735	Nos	14700



82	R2-ME-4-31-D	SITC of LED Gate post fitting - Fitting with minimum system efficacy of 80 lm/W. The luminaire shall have a rated system lifetime of 50,000 burning hours at L70. The luminaire shall meet IP65 rating	20	12741	Nos	254820
83	R2-ME-4-34-E	SITC of LED Bulkhead fitting- With a minimum system efficacy of 60 lm/W. The luminaire shall have a rated system lifetime of 50,000 burning hours at L70. The luminaire should have a color mperature of 6500K and CRI > 70. The luminaire shall meet min IP54 rating and IK 09 rating with THD < 20% and PF > 0.9. The luminaire housing should made of High pressure die cast Aluminium with polycarbonate front diffuser	50	1162	Nos	58100
84	R2-ME-7-1-B	Earthing station with 100mm Dia., 13mm thick, 3000 mm long GI pipe (Class B or better) earth pit as per IS 3043. The earth pit shall be provided with watering pipe (Class B) with wire messed funnel, 25x3 GI strip / 8 SWG GI wire up to chamber (wire or strip size as per fault level), disconnecting links with 600 x 600 mm (clear) RCC chamber & heavy duty 3mm thick CI chequered plate cover with hinge & stainless steel bolts. Bentonite/ Charcol & Salt shall be provided for earth pits. Excavation, backfilling, removal of excess soil is included in the scope	2	18793	Nos	37586
85	R2-ME-10-4-B	Providing, fixing and connecting weather proof pole mounting cast ironbox, hinged door with locking arrangement, complete with MCB cutouts,terminal block mounting arrangement etc. Box shall be dulpainted in approved manner . Cost of painting is included in cost ofC.I. Box. -Cast Iron Junction box complete with 2way terminal	5	4884	Nos	24420

86	R2-ME-10-3-F	Providing and fixing Race way for fitting / fixtures by using G. I. Reducer and 50mm dia. B class G.I. pipe of 300mm length (forfixing gate lights)	25	565	Nos	14125
87	R2-ME-4-34-F	LED FLEXIBLE STRIP LIGHT 2 WIRE MIN OF 4.8W	2020	962	Nos	1943240
88	R2-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 batcobaetc., and delivering materials in Ward Office and carting away unserviceable materials.	67.12	240	Sqm	16108.8
89	R2-CS-DD-65	Removing cement plaster of any finish from the wall, complete withracking out the joints to a depth of 20 mm.	1677.5	147	Sqm	246592.5
90	R2-CS-PL-17-B	Providing and applying 25 mm thick external sand faced cement plasterwith neat cement rendering upto 10m from ground level and at alllocations in cement mortar proportion specified below in two coats for masonry (except stone masonry) and concrete surfaces includingprovidingwater proofing compound to the first coat of plaster as permanufacturers specification, racking out joints, hacking of concrete surface,finishing, curing, scaffolding etc complete as directedBy Engineer In Charge.	162.84	588	Sqm	95749.92
91	R2-CS-FL-78	Providing and laying 20-25mm average thick granite stone laid with knife edge joints over c.m. bedding of 1:6, for flooring / skirting / dado, with cement float and grout of same colour of the stone. The granite flooring shall be mirror polished. Basic rate to be considered @ Rs.2000/- per sq.m. for cut size.	30.1	4259	Sqm	128195.9

92	R2-CS-FL-43-K	Providing and fixing all sides polished natural stone tiles as specified below of approved quality, pattern, colour and thickness for partition including making the groove in existing cladding/ plaster/ concrete/ masonry, machine cutting, leveling, smooth cement plastering along the sides to match the existing surface in cement mortar, filling the joints with neat cement or pigment mixed with cement, cutting for utility pipe in the shape as directed, cleaning, finishing, curing etc complete as directed by Engineer In Charge. 18mm thick. Steel gray Granite tiles/slab	3.63	1897	Sqm	6886.11
93	R2-GW-5-184	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag.	100	75	Nos	7500
94	R2-GW-5-118	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag	100	12	Nos	1200
95	R2-GW-7-24	Watering of tree @ 12 Lit. Per tree. Weeding, application of Fertilizer and pesticide as and when required, loosening of soil for maintaining the porosity, stacking of tree. Removal of lower side shoots time to time for proper growth of the tree preparation of tree basins in a soil. If any casualty found same should be replaced without extra cost. Top dressing of 5 cm or 2.5 cm twice in a year with Mixture of RHE & CDM in 2:1 proportion, plants should be in healthy condition free from pest, disease attack. Including cost of watering and water.	150	150	NPM	22500

96	R2-CS-AW-15-A	<p>Providing and fixing anodized (anodic film must not be less than 15 microns i.e. AC-15 as per IS,the anodising must be scaleted by keeping the anodized section in boiling de-anodized water for a period of one hour) aluminum fixed/ sliding / pivoted / top hung / side hung / louvered typewindows, doors, ventilators and partitions conforming to IS:1948, 1961 with hollow bottom section &amp; standard single / two / three / four track frame section all round (top, bottom and sides) with shutter frame made up of standard handle section standard interlocking section and standard top and bottom section with infill panel of plain / frosted / tinted glass/ Novapan sheet / acrylic sheet /hardner laminated sheet as listed below with nylon guides, gliders glass fixing PVC weather strips, neoprene gasket, PVC weep holes etc complete with approved type of locking arrangement, handles and other fixtures including fixing, filling the gaps with silicon sealant, cleaning polishing the aluminium section with petrol and / or other agents as specified by the manufacturers etc. complete as directed by Engineer In Charge. Aluminum section used</p>	760.38	603	KG	458509.14
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97	R2-CS-AW-15-J	<p>Providing and fixing anodized (anodic film must not be less than 15 microns i.e. AC-15 as per IS,the anodising must be scaleted by keeping the anodized section in boiling de-anodized water for a period of one hour) aluminum fixed/ sliding / pivoted / top hung / side hung / louvered typewindows, doors, ventilators and partitions conforming to IS:1948, 1961 with hollow bottom section &amp;/ four track frame section all round (top, bottom and sides) with shutter frame made up of standard handle section standard interlocking section and standard top andbottom section with infill panel of plain / frosted / tinted glass/ Novapan sheet / acrylic sheet /hardner laminated sheet as lised below with nylon guides, gliders glass fixing PVC weather strips,neoprene gasket, PVC weep holes etc complete with approved type of locking arrangement, handles andother fixtures including fixing, filling the gaps with silicon sealant, cleaning polishing thealuminium section with petrol and / or other agents as specified by the manufacturers etc. completeas directed by Engineer In Charge.15 mm thick Hollow PVC sheet Panel (Sintex or Equivalent)</p>	132.42	1663	Sqm	220214.46
98	R2-CS-PL-15-A	<p>Providing and applying 20 mm thick external sand faced cement plaster upto 10m from ground level and at all locations in cement mortarproportion specified below in two coats for masonry (except stone masonry) and concrete surfaces including providingwater proofingcompound to the first coat of plaster as per manufacturer'sspecification, racking out joints, hacking of concrete surface,finishing,curing,</p>	2003.98	462	Sqm	925838.76

99	CE4-12-026FA40	Providing and fixing Basalt stone cladding of size 300 x 200 mm panel size similar to the existing stone using cement / lime mortar, including SS dovels, SS fasteners, anchor fasteners (fisher make) pointing, etc. complete.	112.05	3500	Sqm	392175
100	R2-GW-2-4-E	Digging of Hole in a prepared ground, Removal of shrub from polybag without disturbing rootball and planting and resurfacing of planted area by Soil and manure as directed by site incharge. Maintenance of newly planted shrubs for one month and feeding of casualty if any during free maintenance period without extra cost. If water facility is not available at site Item no. R2-GW-7-28 should be operated.	1126.32	40	Sqm	45052.8
101	R2-GW-5-98	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag.	100	23	Nos	2300
102	R2-GW-5-97	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag.	100	17	Nos	1700
103	R2-GW-5-101	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag.	100	23	Nos	2300
104	R2-GW-5-216	Plant should be healthy, well rooted, disease free and free from any pest attack with sufficient moisture around root zone in polybag.	100	17	Nos	1700
105	XGN08-002-FA72	Providing and fixing random polygonal basalt stone from Nevasa for wall cladding, 15-20 cm thick, rough tooled and bushi finished, of Kushal landscaping or equivalent for all leads and lifts, in cement mortar 1:3, 25 mm thk with 20mm deep sunk pointing including cleaning by using wire brush and washed with water	31.65	5499	Sqm	174043.35

106	CE2-4.3.A.1	Providing & fabricating including bending and welding with approved special electrodes and fixing in position hand rails consisting of 50mm dia. SS hand rails of various heights upto 1000 mm as per drawings (refer sheet:) and , including providing and fixing SS pipe brackets on walls and floor or base plates fixing to the concrete with 12mm dia. Anchor bolts 4 nos/ bracket, or welding to insert plates including buffing as directed.	93.7	3150	Mtr	295155
107	CE6-11-020.FA23	Providing & laying of spot light.	55	2000	Nos	110000
108	CE5-12-001.FAE32	Load circuit box	1	54807	Nos	54807
109	R2-CS-DD-75	Cleaning up demolition debris/ removal works (Civil & Horticulture Waste)	4625.8	47	Sqm	217412.6
110	R2-CS-DD-54	Cutting down masonry work in lime or cement mortar including plaster etc. complete	218.92	531	Cum	116246.52
112	R2-CS-EW-21	Murum	483.93	1392	Cum	673630.56
114	R2-CS-MW-18	Uncoursed rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size)	7.27	4236	Cum	30795.72
117	R2-SWD-22-A	Providing and laying M-20 grade RCC (Reinforced Cement Concrete) in RCC walls 150 mm thick including curing by any means, providing, placing, removing, cleaning, stripping the form work, so as to give form finish, with minimum reinforcement of mild steel round bars 10 mm dia at 150 mm c/c vertically and horizontally or as per detailed drawing design, etc. complete and as directed by Engineer in Charge. (Only reinforcement will be paid separately).	736	1578	Sqm	1161408

119	R2-SWD-169	Providing & Fixing 0.60m X 0.50m clear internal size of M.S. Galvanised hinged type grating and frame (weighing minimum 71 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.)	82	9441	Nos	774162
120	R2-CS-FL-16	Providing and laying 16-20 mm thick and 75mm wide strips of rough jet black Granite stone (or equivalent) of approved colour, on ramp	30	5501	Sqm	165030
121	R2-CS-PL-16-C	Cement plaster In cement mortar 1:2	2027.42	518	Sqm	1050203.56
123	R2-CS-FL-01-c	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, 25 to 30 mm thk. Kota stone of size 0.430m x0.56m (17"x22")	29.71	1179	Sqm	35028.09
124	R2-CS-AW-01	Providing and fixing in position two track aluminum window of extruded modular and anodized aluminum sections of approved make and of size 61.85 mm x 45.5 mm x 1.3 mm thk (wt 1.055 kg/Rm) for bottom, 61.85 mm x 31.75 mm x 1.3 mm thk. (wt 0.659 kg/Rm) for top & sides	3	5266	Sqm	15798
125	R2-CS-AW-04	of approved make and of size 40mm x 20mm x 2.0mm (wt. 0.605 kg/Rm) including adjustable aluminum frame, 4 to 6mm thk. frosted glass, fixtures and fastenings etc. complete as directed by Engineer In Charge.	2.88	4246	Sqm	12228.48
126	R2-CS-WW-06-c	Providing and fixing superior quality single leaf B.W.P. grade solid core flush door shutters of standard make conforming to IS:2202- 1991 (Part I & II) including one coat of primer,	7.2	2131	Sqm	15343.2



127	R2-CS-PV-01	P/F F.R.P. Door Frame For New Toilet	26.7	587	Rmt	15672.9
128	R2-CS-PV-02	P/F F.R.P. Door 30mm shutter For New Toilet	9.18	2382	Sqm	21866.76
129	R2-CS-FL-31-A	P/F White glazed tiles in Dado.	214.2	1480	Sqm	317016
130	R2-CS-FL-06-A	P/F White glazed tiles in Flooring.	7.33	1416	Sqm	10379.28
131	R2-CS-PS-13-b	P/F Soil Pan 58 cm.	6	2349	Nos	14094
132	R2-CS-WP-22	Providing and filling AAC bats (of size 40-60 mm) with cement mortar mixed in the ratio 1:3:6 (1 cement : 3 coarse sand : 6 block bats) including mixing of approved water proofing compound in recommended proportion for W.C., bath and kitchen. The laid brick bat mix shall be well rammed and compacted as required. Further surfaces shall be screeded with cement concrete mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 stone grit of size 6 mm and below by volume) admixed with approved integral water proofing compound in recommended proportion	2.94	13300	Sqm	39102
133	R2-CS-PS-163-d	P/L S.W. Pipe 250mm	14.3	836	Rmt	11954.8
134	R2-CS-PS-164-d	P/L Encasement for 250mm dia Pipe	14.3	1294	Rmt	18504.2
135	R2-CS-PS-194	Const. of B.M Chamber	6	3629	Nos	21774
136	R2-CS-PS-195	Extra Additional Depth	1.8	3857	Rmt	6942.6
137	R2-CS-PS-196	P/F R.C.C. Cover & M.S.Frame.	6	1855	Nos	11130
138	R2-CS-PS-77	P/F Urinal	2	6668	Nos	13336
139	R2-CS-PS-27-a-2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	6	68	Nos	408
140	R2-CS-PS-7-g	P/F Wash Basin	4	2542	Nos	10168
141	R2-CS-PS-126	P/P water Storage Tanks	1000	4	Litre	4000
142	R2-CS-PS-132-a	P/F Plastic Bib cock	12	354	Nos	4248
143	R2-CS-FL-04-f	Providing and laying rough natural stone tiles 25 mm to 30 mm thick of an approved quality and size for paving / flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, pointing in cement mortar 1:3, cutting, dressing, leveling, jointing, pointing, curing, finishing etc complete as directed by Engineer In Charge	55.76	2446	Sqm	136388.96

144	R2-CS-FL-55	Mirror Polishing on marble work/ granite work/ stone work to give high gloss finish including levelling the surface neat, cleaning etc. complete as directed by Engineer In Charge (Qty same as R2-CS-FL-04-f)	55.76	61	Sqm	3401.36
145	R2-CS-CW-35-a	Providing and fixing in position steel bars reinforcement of various dia Mild steel bars.	19.643	70486	MT	1384556.5
146	R2-CS-CW-7-e	Providing and laying in position ready mixed design mix M-20 grade cement concrete for reinforced cement concrete work for Columns	93	11184	Cum	1040112
147	R2-CS-CW-7-c	Providing and laying in position ready mixed design mix M-20 grade cement concrete for reinforced cement concrete work Slabs, Suspended floors, roofs, landings, balconies, canopy and access platform	7.43	11790	Cum	87599.7
148	R2-CS-FL-17	Providing laying and fixing mosaic tiles	894.6	1923	Sqm	1720315.8
150	R2-CS-FL-10	Providing and laying 10 to 13mm thk. heavy duty, scratch resistant, high abrasion resistant vitrified tiles (Durastone of equivalent) conforming to I.S.15622 with special hard wearing layer and water absorption less than 0.08% for flooring of an approved, quality, make, pattern and size 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 approved colour grout, curing, finishing etc complete as directed by Engineer In Charge.	115.7267	1736	Sqm	20901.551
151	R2-RW-10-63	Providing, applying and finishing the top surface of M-20 concrete with stamp/ stencil of approved pattern and colour, in accordance with manufacturer's specification of any approved brand of colour hardener @ of 3.5 kgs/m <sup>2</sup> ; including floating of colour hardened over concrete surface with different types of floaters; including	1353.02	436	Sqm	589916.72

		application of release agent @ of 0.15 kgs/m <sup>2</sup> , stamping over the concrete surface with stamping tools; including cleaning of surface with water and cutting of finished concrete;				
152	R2-CS-RM-69	Supplying and installing jogging track (EPDM granules method) terracotta made of two layered water permeable all weather material of 2mm sprayed coat top with EPDM (Ethylene Propylene Diene Monomer)	500	3626	Sqm	1813000
153	R2-CS-PN-14	Preparing and finishing plastered wall surfaces / concrete surfaces, steel or wood surfaces in line and level for acrylic (oil bound) distemper/ synthetic enamel paint or plastic emulsion paint by scrapping/removing the old paint if any with wire brush or blades and rubbing, with sand papers as required, filling in cracks in cement mortar 1:3, applying the whole surface with mixture of whiting powder or plaster of paris and double boiled inseed oil of premium quality or second quality synthetic enamel paint, filling the cracks with premium quality putty or hard glue in case of woodwork, rubbing down and even up the surface by any approved means etc. complete as directed by Engineer-in-charge.	2673.6	15	Sqm	40104
155	R2-CS-PN-12-b	Providing and applying first single coat of approved primer and two coats of anti-algal, anti-fungal, exterior paint as specified below of an approved make and colour as per manufacturers specifications to any surface, upto 10m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge. By using	3157.4	188	Sqm	593591.2

156	R2-CS-PN-8	Providing and applying first single coat of approved primer and two coats of waterproof cement paint of an approved make and colour as per manufacturers specifications to any surface, upto 10m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge.	2796.53	180	Sqm	503375.4
157	R2-CS-PN-26	Providing and applying synthetic enamel paint or flat oil paint in any required shade in 3 coats over a primer coat as per manufacturers specifications including scrapping, cleaning the surface etc. Complete.	1640	200	Sqm	328000
158	R2-CS-PS-192	Providing and fixing in position uPVC/SWR (Soil/Waste/Rain) pipe of type-B 110 mm dia. in any position including all fittings and accessories, making joints / connections water tight with solvent cement, scaffolding if necessary and making good the damages if any (excluding excavation and refilling the trenches) etc. complete as specified and directed.(All fittings and accessories like clamps,etc. should be of same brand. No separate payment shall be made for fittings and accessories)	200	478	Rmt	95600
159	R2-CS-PS-89-b	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :	200	391	Rmt	78200
160	R2-CS-PS-86-b	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes &	100	405	Rmt	40500

		fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge				
161	R2-HE-2-1-c	Supplying mild steel pipes to site of work / any municipal store fabricated in any ISI/ ISO certified company, from mild steel plates of approved quality and thickness, confirming to IS 3589 . The M.S plates shall be procured only from Jindal,TATA mettalics,SAIL, ESSAR or Ispat Steel. The test certificates and Challans from the manufacturer of plates shall be submitted to the corporation. The item includes marking, cutting, rolling bending, welding using automatic submerged arc type welding machine, factory testing of pipes, loading at fabrication yard/ factory transportation to site of work/ any municipal store using truck/ trailer, unloading and stacking near place of work etc complete as specified and as directed by Engineer in Charge. . Each pipe shall be about 5 to 7.5 mtr. long, fabricated as per IS:3589 and suitable for 10 kg/cm2 working pressure( spirally welded pipes fabricated from strips are not acceptable)	218	1536	Rmt	334848
162	R2-ME-13-1-at	10 equipment gym set- 1- Leg Curl & Leg Extension 60 Kg. 2- Peck-Deck M/C 60 Kg 3-Bench cum Shoulder Press 90 Kg 4- Lat Pulley 75 Kg 5- Bicep Tricep Pulley 50 Kg 6- Leg Press 90 Kg 7- Wrist Curl 50 Lg 8- Hip Machine 60 Kg 9- Preacher Curl 60 Kg 10-Chin up Bar	1	614460	Nos	614460
163	R2-ME-14-1-ar	Multi Seater See Saw Units	2	39575	Nos	79150
164	R2-ME-14-1-n	Wave Slide	1	92620	Nos	92620
165	R2-ME-14-1-ft	Spiral Climber	1	30307	Nos	30307
166	CE1-06-7.A.6.31.A	PROVIDING AND FIXING NEW TW IN FIRST QUALITY CP WOODEN BENCHES	25	13560	Nos	339000

167	R2-CS-SL-13	compound wall / Fencing including fabricating the grill using M.S. square / round bar, flats and angles including painting with one coat of red oxide zinc chromate primer and two coats of synthetic enamel paint of approved colour and brand etc. complete as directed.	16000	184	kg	2944000
168	R2-CS-SS-16	Providing, detailing, and fabricating as per specifications, transporting to site and erecting MS Openable / Sliding / Ornamental Entrance Gates	38.4	7834	M2	300825.6
169	GW-3-2-f	SS Dust Bin	35	17265	Nos	604275
171	R2-ME-1-1-l	63 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	3	6448	Nos	19344
172	R2-ME-1-9-c	100 /125A TPN with tinned copper bars of size 20 x 5 mm.	2	12229	Mtr.	24458
173	R2-ME-1-10-f	3 Nos. single core Cu PVC insulated flexible cable of 50 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for Neutral of 25 Sq.mm for 100/125 Amp. TPNSS switch.	18	3038	Mtr.	54684
174	R2-ME-1-13-e	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 8 Noss 6A/10A SP MCB as outgoing (12 way SPN DB)	6	6155	Nos	36930
175	R2-ME-1-13-p	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB and 3 Noss 16A TP MCB / 12 Noss. 16A SP MCB as outgoing (4 way TPN DB)	3	15482	Nos	46446
176	R2-ME-1-15-c	DB Box Only IP43 12 Way SPN DB (4 + 12Way)	6	3708	Nos	22248
177	R2-ME-1-17-d	6A -32A SP MCB	30	335	Nos	10050
178	R2-ME-1-17-s	63A TPN MCB	8	2833	Nos	22664
180	R2-ME-1-20-a	50mm x 50mm x 50mm size GI Junction box with kNosck out & 10Amp. Connector block /strip	20	131	Nos	2620
181	R2-ME-1-21-c	SMCJB - 1816, Removable cover, Size 225 x 205 x 65mm	16	1110	Nos	17760
182	R2-ME-1-25-b	25Amp. 2Pole	10	4509	Nos	45090
183	R2-ME-1-30-b	Supply and fixing 20 mm thick Marine Ply Plank	8	1807	Sq.M tr.	14456
184	R2-ME-1-30-c	Supply and fixing T. W.batten 25 mm x 40 mm.	25	78	Mtr.	1950
185	R2-ME-1-31-b	40 x 40 x 5 mm of M.S. angle.	20	410	Mtr.	8200
186	R2-ME-1-31-e	Flat bars 40 mm x 5 mm thick.	30	273	Mtr.	8190

188	R2-ME-2-1-i	3C x 6.0 Sq.mm	500	98	Mtr.	49000
189	R2-ME-2-1-s	4c x 16.0 Sq.mm	200	194	Mtr.	38800
190	R2-ME-2-1-t	4c x 25.0 Sq.mm	75	250	Mtr.	18750
191	R2-ME-2-1-u	3.5c x 35.0 Sq.mm	60	292	Mtr.	17520
192	R2-ME-2-1-w	3.5C x 70 Sq.mm	50	505	Mtr.	25250
193	R2-ME-2-5-g	3C x 4.0 Sq.mm flat cable	200	155	Mtr.	31000
195	R2-ME-2-11-g	3C x 4.0 Sq.mm Alu Cable end termination	25	162	Set	4050
196	R2-ME-2-11-h	3C x 6.0 Sq.mm	25	159	Set	3975
197	R2-ME-2-11-r	4c x 16.0 Sq.mm	10	305	Set	3050
198	R2-ME-2-11-s	4c x 25.0 Sq.mm	8	309	Set	2472
199	R2-ME-2-11-t	3.5c x 35.0 Sq.mm	8	275	Set	2200
200	R2-ME-2-11-v	3.5C x 70 Sq.mm	8	330	Set	2640
201	R2-ME-2-19-a	Supply and laying of Heavy duty RCC Hume pipe for road crossing, 100mm dia	35	544	Mtr.	19040
202	R2-ME-2-21-f	Supplying & laying I.S.I. mark 'B' class GI Pipe 50mm	35	765	RMtr	26775
203	R2-ME-3-3-b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20 x 12 mm (1/2")	120	162	Mtr	19440
204	R2-ME-3-27-a	Light /Fan / Ex. fan Points	29	692	Each Pt.	20068
206	R2-ME-3-27-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	2	1182	Each Pt.	2364
207	R2-ME-3-27-j	5A/6A - 3/5 Pin Plug On Board	8	183	Each Pt.	1464
209	R2-ME-4-12-d	Ceiling fan of 1200 mm sweep with all accessories including Electronic Regulator for completing installation	1	2508	Nos	2508
210	R2-ME-4-12-g	Exhaust fan of 150mm sweep, 1400RPM, AC, 230V, 50 Hz,	8	1757	Nos	14056
211	R2-ME-4-12-s	Fan safety rope/ Fan wire.	1	407	Nos	407
212	R2-ME-4-15-a	S' type M.S. fan hook fabricated from suitable dia. M.S. rod	1	306	Nos	306
213	R2-ME-4-28-b	SITC LED Flood Light Fitting:- 210w	50	21734	Nos	1086700
219	R2-ME-7-4-f	25 x 6mm GI strip	35	97	Mtr	3395
221	R2-ME-1-21-a	SMCJB - 1414, Hinged cover, Size 170 x 170 x 105mm	20	1253	Nos	25060
223	R2-ME-10-12-c	Time controller for street light poles	3	26841	Nos.	80523
224	CIPOLE-3.7	3.7 MTR CAST IRON COMBO POLE WITH ALUMINIUM EXTRUDED PIPE	20	57276	Nos.	1145520
225	40WHANG-LUMIN	40W LED FOR 3.7MTR POLE	20	29506	Nos.	590120
226	R2-ME-10-7-B	Bakelite sheet with MCB & Terminal (for mounting inside the base compartment of the	20	1468	Nos.	29360

227	R2-GW-6-1	Excavation for Planting of Lawn/ Shrubs/ Creeper/ Climbers/ Ground Cover on Soft Surface – Digging of Soft surface up to 30 Cm. Depth and removal of excavated material from site by contractor.	1020	156	SqM	159120
229	R2-GW-7-3	Preperatory Tillage Practices for planting of lawn/ shrubs/ creepers/ climbers/ ground covers :- Mixing and leveling of Mixture of Red hill earth and cow dung manure , Watering for 30 days at every alternate day , weeding at every 10 days interval on prepared ground till one month .(Excluding Cost of lawn/ shrubs/ creepers/ climbers/ ground covers) [ Including cost of water ]	1020	25	SqM	25500
231	R2-GW-5-85	Ixora Singaporensis Orange Ixora 6 " to 9 " height excluding pollybag	523	58	Nos	30334
232	R2-GW-10-16	Topiary of Bougainvillea glabra (3' to 4 ft. Tall and 4" girht of trunk having Single rounded folliage ball not less than 3 ft girth )	50	2944	Nos	147200
233	R2-GW-5-71	Hemelia Petans 6 " to 9 " height excluding pollybag	60	40	Nos	2400
234	R2-GW-5-145	Roheo discolor Rhoeo Nana 4" to 6" height excluding pollybag	50	17	NOS	850
235	R2-GW-5-91	Jatropha Pandurifolia 6" to 9" height excluding pollybag	40	37	NOS	1480
236	R2-GW-5-212	Vinca Spp. Hybrid 6 " to 9 " height excluding pollybag	60	35	Nos	2100
237	R2-GW-5-206	Salvia splendens 6 " to 9 " height excluding pollybag	150	35	Nos	5250
238	R2-GW-3-1-H	Providing and laying Polished White Pebbles of size 75mm to 125mm laying in 3 layers	100	133	Kg	13300
239	R2-GW-3-1-I	Providing and laying Polished Black/Brown Pebbles of size 75mm to 125mm laying in 3 layers	110	133	Kg	14630
240	R2-GW-5-322	Foxtail palm 10' to 12' height and 6 " girth excluding pollybag	30	3220	Nos	96600
241	R2-GW-5-335	Tabubia rosea Tabubia 10' to 12' height and 6 " girth excluding pollybag	25	978	Nos	24450
242	R2-GW-10-15	Golden Bamboo (6 Ft. Tall excluding Pollybag)	80	173	Nos	13840
243	R2-GW-5-332	Peltophorum pheruginum Peltophorum 10' to 12' height	20	1208.00	Nos	24160



244	HQ-FA-TS-21-04	Providing and fixing of 6mm thick Bison board/ cement Sheet of approved make, with shapes and sizes as per drawing. The rate shall include fixing the bison board to to M.S. structure, Container walls,etc with approved fixtures, fasteners,hooks, screws,etc complete as directed by Engineer In Charge.	175	1138.00	Sqm	199150
245	R2-CS-PL-37	PROVIDING RAISED & CUT POINTING TO BLOCK/BRICK MASONRY WORK AT ALL HEIGHTS AND LOCATIONS IN C:M 1:2	710	296.00	Sqm	210160
246	R2-CS-PL-38-a	Providing raised and cut pointing to block/brick masonry work at all heights and locations in cement mortar 1:2, including raking of joints upto the depth of 15mm, finishing, curing, cleaning the surf ace etc. complete as directed by Engineer In Charge. In Cement mortar 1:1	184	248.00	Sqm	45632
						63338954.50
				Gross Total		63338954.50

**SECTION 9**  
**GENERAL CONDITIONS OF**  
**CONTRACT**

## General Conditions of Contract

### A. General

#### **3. Definitions**

4. 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 –

- 1 In the case of percentage rate contracts the estimated value of works as mentioned in the tender adjusted by the Contractor's percentage.
- 2 In the case of item rate contracts, the cost of the work arrived at after finalization 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.
- 3 In case of lump sum contract, the sum for which tender is accepted.
- 4 Special discount / rebate / trade discount offered by the tenderer if any and accepted by the Corporation.
- 5 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 Municipal Corporation of Greater Mumbai (BMC)

**The “Employer”** shall mean the **Brihanmumbai Municipal Corporation / 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. **Asstt. Commissioner (R/North)**. 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/Ward Executive 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**

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.

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).

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**

- a. 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.

- b. 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. Subcontracting**

2. 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.

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

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

4. 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:

1.a.1.1.1. The Contractor shall not sub-contract the whole of the Works.

1.a.1.1.2. The permitted subletting of work by the Contractor shall not establish any contractual relation- ship between the sub-contractor and the BMC and shall not relieve the Contractor of any responsibility under the Contract.

5. 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**

- a) 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.
- b) 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**

- (i) 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.
- (ii) 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.
- (iii) 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.
- (iv) 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**

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:

1.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.

2.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.

3.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.

4.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.**

- (i) 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

- a) 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.
- b) The Contractor shall be responsible for design and safety of Temporary Works.
- c) The Engineer's approval shall not alter the Contractor's responsibility for design and safety of the Temporary Works.
- d) The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
- e) 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

- a) 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.
  - 1) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
  - 2) Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
  - 3) 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.
  - 4) The workers engaged for cleaning the manholes/sewers should be properly trained before allowing working in the manhole.

### b) 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.

### c) First Aid Facilities: -

- i. 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.
- ii. The first-aid box shall be distinctly marked with a red cross on white back ground.

- iii. Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.
- iv. Nothing except the prescribed contents shall be kept in the First-aid box.
- v. 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 work place.
- vi. A person in charge of the First-aid box shall be a person trained in First-aid treatment, in the work places where the number of contract labour employed is 150 or more.

## **19. Discoveries**

a) 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**

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**

a) 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**

- i. The Contractor shall carry out all instructions of the Engineer, which comply with the applicable laws where the Site is located.
- ii. 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 a obstructive practice subject to contract termination.
- iii. 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**

- 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.
- 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.
- 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.
- 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.
- 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 A.C. K/East 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**

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.

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 present**

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.

**2. Notice To Be Given Before Work Is Covered Up**

The contractor shall given not 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.

### **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.

### **4. Ready Mix Concrete/ Asphalt Mix**

23 The contractor shall have to arrange Ready Mix concrete (RMC)/Asphalt from RMC/ASPHALT producing plants registered with BMC.

24 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.

25 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

- 1.1. 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.
- 1.2. 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

- 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 preformed in his laboratory or elsewhere.
- 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.
- 3) 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.
- 4) **Setting of Site Laboratories (Applicable for works costings more than Rs,5 Crores:**

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.

**5) Correction of Defects noticed during the Defects Liability Period.**

- 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.

**6) Uncorrected Defects and Deficiencies**

- a) 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**

**a) 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.

**b) Payments for Variations**

- i. If rates for Variation items are specified in the Bill of Quantities, the Contractor shall carry out such work at the same rate.
- ii. The rate for Extra/Excess shall be governed by clause 10.A of Standard General Condition of Contract.

**c) Cash Flow Forecasts**

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

**d) Payment Certificates**

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

- 1) 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.
- 2) The Engineer shall check the Contractor's fortnightly/monthly statement within 14 days and certify the amount to be paid to the Contractor.
- 3) The value of work executed shall be determined, based on measurements by the Engineer.
- 4) The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- 5) The value of work executed shall also include the valuation of Variations and Compensation Events.
- 6) 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.

**e) Payments**

- a) 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.
- b) 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.
- c) 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.
- f) 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.
- g) **Tax (Circular no. CA/F/Proj. /25 dt.12.07.2022 shall be applicable)**

G.S.T. and other state levies / cess which are not subsumed under GST will be applicable. The tenderer shall quote inclusive of taxes. It is clearly understood that BMC will not bear any additional liability towards payment of any Taxes & Duties.

Wherever the Services to be provided by the Tenderer falls under Reverse Charge Mechanism, the Price quoted shall be exclusive of GST, but inclusive of Taxes / Duties / Cess other than GST, if any.

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 and if there is any subsequent change(after submission of bid) in rate of GST applicable on the works/services to be executed as per the tender, i.e any increase will be reimbursed by BMC whereas any reduction in the reate of GST shall be passed on to BMC as per the provision of the GST act (CA/F/Proj. /25 dt.12.07.2022).

“Chapter XXI-Miscellaneous, section 171(1) of GST Act, 2017 governs the ‘Anti Profiteering Measure’ (APM).

As per the provision of this section, ‘Any reduction in rate of tax on any supply of goods or services or the benefit of input tax credit shall be passed on to the recipient by way of commensurate reduction in prices’.

Accordingly, the contractor should pass on the complete benefit accruing to him on account of reduced tax rate or additional input tax credit, to BMC.

Further, all the provisions of GST Act will be applicable to the tender as amended.”

#### **h) Currencies**

All payments will be made in Indian Rupees.

#### **i) 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.

#### **j) 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**

#### **a) Completion of Construction and Maintenance**

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.

#### **b) Taking Over**

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.

### c) Final Account

Final joint measurement alongwith 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 Crores	Rs.10 Lacs or final bill amount whichever is more
2	Upto Rs.25 Crores	Rs.1 Crore or final bill amount whichever is more
3	Upto Rs.50 Crores	Rs.2 Crore or final bill amount whichever is more
4	Upto Rs.100 Crores	Rs.4 Crore or final bill amount whichever is more
5	More than Rs.100 Crores	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 to 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 within 45 days from the date of completion/RA Bill	Bill will not be admitted for payment.

**d) Operating and Maintenance Manuals**

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.
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.

**e) Termination**

1. The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
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.
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.
4. Notwithstanding the above, the Employer may terminate the Contract for convenience.
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.

**f) Payment upon Termination**

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 un-recovered it will be a debt due from the Contractor to the Employer.
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.

**g) Property**

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.

**h) 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**

**a) Labour**

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.
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.

**b) 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.
- d) 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.

**c) Drawings and Photographs of the Works**

- 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.
- 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.

**d) 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.

**e) Contract Document**

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:

- a) Contract Agreement (if completed)



- b) The letter of Acceptance
- c) The Bid:
- d) Addendum to Bid; if any
- e) Tender Document
- f) The Bill of Quantities:
- g) The Specification:
- h) Detailed Engineering Drawings
- i) Standard General Conditions of Contracts (GCC)
- j) All correspondence documents between bidder/contractor and BMC.

**f) 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.

**g) 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.

**h) Acknowledgment by Applicant**

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

- a. made a complete and careful examination of the tender;
- b. received all relevant information requested from the Authority;

- c. 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
- d. 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.

**i) 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:

- 1.at any time, a material misrepresentation is made or uncovered, or
- 2.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.

**j) The bid shall be rejected if the bidder-**

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

**k) 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.

**l) 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.

**Preparation and Submission of Application**

**m) 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.

**n) 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.

**o) 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.

**p) 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.

**q) 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.

**r) 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.

**s) Inspection of site and sufficiency of tender:**

- a) 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.

- b) 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.
- c) 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.
- d) **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:
- any extension of time to which the Contractor is entitled and
  - 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 costing shall be got approved by the competent authority as governed vide rules prevailing with authority.
- e) **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.
- f) **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.

**g) 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.

**h) 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.

**t) 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.

**u) Subsequent Legislation:**

If on the day of submission of bids for the contract, there occur changes to any National or State stature, 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.

**v) 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.

**w) Payments, Tax and Claims:**

**1. 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.

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

It is agreed that the Municipal Corporation of Greater Mumbai 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.

**x) Settlement of Disputes:**

**• 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.

**• 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.

**y) Arbitration and Jurisdiction:**

**As per circular No. MGC/F/8659 dtd. 07.09.2019. Following amendment /corrections in the Standard general condition of contract for construction work, Point No. 13.e. Arbitration and Jurisdiction.**

**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 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 sole arbitrator, as mutually agreed upon by the parties and said dispute shall be finally resolved by the said arbitrary tribunal. The decision of the arbitrary 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 arbitrary 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 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.

**z) 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.

**aa) 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.

**bb) 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.

**cc) 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.

**dd) 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 whole-sale 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 2004-05 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.

**ee) Maximum Price Variation shall be as follows:**

<b>Time period of Project</b>	<b>Maximum limit of Price Variation</b>
Upto 12 Months	No Variation allowed
Above 12 Months to 24 Months	5%
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 limit of Price Variation</b>
If original period of 11 Months <b>including monsoon</b> extends to 16. The operative period will be 11+5 Months	No Variation allowed
If original period of 11 Months <b>excluding monsoon</b> extends to 16. The operative period will be 11+5 Months	5%

**Price Variation during Extended Period of Contract:**

- 1) **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

- 2) **Extension Of Time For Delay Due To Contractor :**

15) 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(l)(a)(i) and (ii) of standard GCC.

16) 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(l)(b) of standard GCC, then lower indices shall be adopted.

3) 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.

**ff) Payment:**

**Interim Payment :**

4. 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.
5. 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.
6. 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.
7. 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.
8. 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.

**gg) 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.**

**hh) JOINT VENTURE**

**In case if Joint Venture is allowed for the Project, the guidelines for JV as follows shall be incorporated in the Tender Document:-**

- a Joint Venture should be allowed only when the number of identifiable different works is more than one and/or the estimated cost of tender is more than Rs.100 Crores. JV shall also be allowed for complex technical work below Rs.100 Crores with the approval of concerned AMC
- b Separate identity/name shall be given to the Joint Venture firm.
- c Number of members in a JV firm shall not be more than three in normal circumstances, if the work involves only one discipline (say Civil or Electrical). If number of members in JV is required to be more than three, then approval of concerned AMC needs to be sought.
- d A member of JV firm shall not be permitted to participate either in individual capacity or as a member of another JV firm in the same tender.
- e The tender form shall be purchased and submitted in the name of the JV firm or any constituent member of the JV.
- f Normally EMD shall be submitted only in the name of the JV and not in the name of constituent member. However, EMD in the name of lead partner can be accepted subject to submission of specific request letter from lead partner stating the reasons for not submitting the EMD in the name of JV and giving written confirmation from the JV partners to the effect that the EMD submitted by the lead partner may be deemed as EMD submitted by JV firm.
- g One of the members of the JV firm shall be the lead member of the JV firm who shall have a majority (at least 51%) share of interest in the JV firm. The other members shall have a share of not less than 20% each in case of JV firms with up to three members and not less than 10% each in case of JV firms with more than three members. In case of JV firm with foreign member(s), the lead member has to be an Indian firm with a minimum share of 51%.
- h A copy of Letter of Intent or Memorandum of Understanding (MoU) executed by the JV members shall be submitted by the JV firm along with the tender. The complete details of the members of the JV firm, their share and responsibility in the JV firm etc. particularly with reference to financial technical and other obligation shall be furnished in the agreement.
- i Once the tender is submitted, the agreement shall not be modified/alterd/terminated during the validity of the tender. In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be forfeited. In case of successful tenderer, the validity of this agreement shall be extended till the currency of the contract expires.
- j Approval for change of constitution of JV firm shall be at the sole discretion of the BMC. The constitution of the JV firm shall not be allowed to be modified after submission of the tender bid by the JV firm except when modification becomes inevitable due to succession laws etc. and in any case the minimum eligibility criteria should not get vitiated. In any case the Lead Member should continue to be the Lead Member of the JV firm. Failure to observe this requirement would render the offer invalid.
- k Similarly, after the contract is awarded, the constitution of JV firm shall not be allowed to

be altered during the currency of contract except when modification become inevitable due to succession laws etc. and in any case the minimum eligibility criteria should not get vitiated. Failure to observe this stipulation shall be deemed to be breach of contract with all consequential penal action as per contract condition.

- l On award of contract to a JV firm, a single Performance Guarantee shall be required to be submitted by the JV firm as per tender conditions. All the Guarantees like Performance Guarantee, Bank Guarantee for Mobilization advance, machinery Advance etc. shall be accepted only in the name of the JV firm and no splitting of guarantees amongst the members of the JV firm shall be permitted.
- m On issue of LOA, an agreement among the members of the JV firm (to whom the work has been awarded) has to be executed and got registered before the Registrar of the Companies under Companies Act or before the Registrar / Sub-Registrar under the Registration Act, 1908. This agreement shall be submitted by the JV firm to the BMC before signing the contract agreement for the work. (This agreement format should invariably be part of the tender condition). In case the tenderer fails to observe/comply with this stipulation, the full Earnest Money Deposit (EMD) shall be forfeited and other penal actions due shall be taken against partners of the JV and the JV. This joint venture agreement shall have, inter-alia, following clauses:-
  1. **Joint and several liability** - The members of the JV firm to which the contract is awarded, shall be jointly and severally liable to the Employer (BMC) for execution of the project in accordance with General and Special conditions of the contract. The JV members shall also be liable jointly and severally for the loss, damages caused to the BMC during the course of execution of the contract or due to no execution of the contract or part there- of.
  2. **Duration of the Joint Venture Agreement** -It shall be valid during the entire period of the contract including the period of extension if any and the maintenance period after the work is completed.
  3. **Governing Laws** - The Joint Venture Agreement shall in all respect be governed by and interpreted in accordance with Indian Laws.
  4. **Authorized Member** -Joint Venture members shall authorize one of the members on behalf of the Joint Venture firm to deal with the tender, sign the agreement or enter into contract in respect of the said tender, to receive payment, to witness joint measurement of work done, to sign measurement books and similar such action in respect of the said tender/contract. All notices/correspondences with respect to the contract would be sent only to this authorized member of the JV firm.
  5. No member of the Joint Venture firm shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other members and that of the employer in respect of the said tender/contract.
- n **Documents to be enclosed by the JV firm along with the tender:**
  - i. In case one or more of the members of the JV firm is/are partnership firm(s), following documents shall be submitted:
    - a. Notary certified copy of the Partnership Deed,

- b. Consent of all the partners to enter into the Joint Venture Agreement on a stamp paper of appropriate value (in original).
  - c. Power of Attorney (duly registered as per prevailing law) in favor of one of the partners to sign the MOU and JV Agreement on behalf of the partners and create liability against the firm.
- ii. In case one or more members is/are Proprietary Firm or HUF, the following documents shall be enclosed:
    - a. Affidavit on Stamp Paper of appropriate value declaring that his Concern is a Proprietary Concern and he is sole proprietor of the Concern OR he is in position of "KARTA" of Hindu Undivided Family and he has the authority, power and consent given by other partners to act on behalf of HUF.
  - iii. In case one or more members is/are limited companies, the following documents shall be submitted:
    - a. Notary certified copy of resolutions of the Directors of the Company, permitting the company to enter into a JV agreement, authorizing MD or one of the Directors or Managers of the Company to sign MOU, JV Agreement, such other documents required to be signed on behalf of the Company and enter into liability against the company and/or do any other act on behalf of the company.
    - b. Copy of Memorandum and articles of Association of the Company.
    - c. Power of Attorney (duly registered as per prevailing law) by the Company authorizing the person to do/act mentioned in the para (a) above.
  - o All the members of the JV shall certify that they have not been black listed or debarred by BMC from participation in tenders/contract in the past either in their individual capacity or the JV firm or partnership firm in which they were members / partners.
  - p Credentials & Qualifying criteria: Technical and financial eligibility of the JV firm shall be adjudged based on satisfactory fulfillment of the following criteria:

**Technical eligibility criteria:** In case of Work involving single discipline, the Lead member of the JV firm shall meet at least 35% requirement of technical capacity as stipulated in tender document.

**OR**

In case of composite works (e.g. works involving more than one distinct component such as Civil Engineering works, M&E works, Electrical works, etc. and in the case of major bridges, substructure and superstructure etc.), atleast one member should have satisfactorily completed 35% of the value of any one component of the project work so as to cover all the components of project work or any member having satisfactorily completed 35% of the value of work of each component during last seven financial years.

**In such cases, what constitutes a component in a composite work shall be clearly defined as part of the tender condition without any ambiguity.**

**Financial eligibility criteria:** ~~The contractual payments received by the JV firm or the arithmetic~~



~~sum of contractual payments received by all the members of JV firm in any one of the previous three financial years and shall be at least 100% of the estimated value of the work as mentioned in the tender.~~

**As per circular no. CH.E./ BM/15600 /HIC dtd 09.01.2019 the following amendments / corrections is proposed in Section-9 Clause no. 84 joint venture, last paragraph regarding Financial Eligibility Criteria**

<u>As per SBD</u>	<u>Proposed Amendments</u>
<p><b>“The contractual payments received by the JV firm or the arithmetic sum of contractual payments received by all the members of JV firm in any one of the previous three financial years shall be at least 100% of the estimated value of the work as mentioned in the tender”</b></p>	<p><b>“The average annual contractual payments received by the JV firm or the arithmetic sum of average annual contractual payments received by all the members of JV firm, in proportion to their share in JV, in last three financial years shall be at least 30% of the estimated value of the work as mentioned in the tender.</b></p>

**ii) 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 undernoted percentage of the Contract Value of the item or group of items of work for which a separate period of completion is given.

- Completion period (as originally stipulated or as extended) not exceeding 6 months: **10 percent.**

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

**jj) 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 penalization 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.

**kk) 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 of 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.

## **II) No Claim To Any Payment Or Compensation Or Alteration In Or Restriction Of Work**

18 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.

19 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 deem 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.

**20** 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.

**mm) 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.

**nn) 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.

**oo) 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.

**pp)** 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.

**qq) 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.

**rr) 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.

**ss)** 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.

**tt) 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 mosquito genic 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.

**uu)** As per circular no. DMC/CPD/3217 dtd. 02.03.2019 the following point is added:

Jurisdiction of courts :

- b) In case of any claim, disputes or differences arising in respect of the contract, the causes of action thereat shall be deemed to have arisen in Mumbai and all legal proceedings in respect of any such claim, disputes or differences shall be instituted in a Competent Court in the City of Mumbai only.
- c) M.C.G.M. has formed 'Procurement Redressal Committee' under the chairmanship of retired High Court Justice BMC for the Redressal of grievances of bidders/prospective bidders/ related to procurement. The bidders/complainants can approach 'Procurement Redressal Committee' for Redressal of their grievances by paying fees of Rs.25000/-. The details of 'Procurement Redressal Committee' are given in Annexure-E. ·
- d) However, Municipal Commissioner has right to reject the request of bidder to allow to approach for Procurement Redressal Committee.

**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 whenever 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.



**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 may be.
- For the purposes of this Clause , the following terms shall have the meaning hereinafter respectively assigned to them:
  - **“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 anytime has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project;
  - **“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 ;
  - **“coercive practice”** means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any persons participation or action in the Bidding Process;
  - **“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.
- 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.

- 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 Financer 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, noncompetitive levels.
- x. a “party” refers to a participant in the procurement process or contract execution.

**SECTION - 12**  
**PRE BID MEETING**

**PREBID MEETING (NOT APPLICABLE)**

**Pre-Meeting will be applicable for the works costing more than Rs. 25 Crores.**

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**

The following Banks with their branches in Greater Mumbai and in suburbs up to Virar and Kalyan have been approved only for the purpose Banker's guarantee from 1997-98 onwards until further instructions.

The Bankers Guarantee issued by branches of approved Banks beyond Kalyan can be accepted only if the said Banker's Guarantee is countersigned by the branch of the same Bank, within the Mumbai Limit categorically endorsing said Bankers Guarantee is binding on the endorsing Branch of the bank w limits and is liable to be on forced against the said branch of the Bank in case the contractor/supplier furnishing the Bankers Guarantee.

#### **List of approved Banks:-**

<b>A</b>	<b>SBI and its Subsidiary Banks</b>
1	State Bank of India
2	<del>State Bank of Bikaner &amp; Jaipur</del>
3	State Bank of Hyderabad
4	State Bank of Mysore
5	State bank of Patiyala
6	State Bank of Saurashtra
7	State Bank of Travancore
<b>B</b>	<b>Nationalized Banks</b>
8	Allahabad Bank
9	Andhra Bank
10	Bank of Baroda
11	Bank of India
12	Bank of Maharashtra
13	Central Bank of India
14	Dena Bank
15	Indian Bank
16	Indian Overseas Bank
17	Oriental Bank of Commerce
18	Punjab National Bank
19	Punjab & Sindh Bank
20	Syndicate Bank.
21	Union Bank of India
22	United Bank of India
23	UCO Bank
24	Vijaya Bank
24A	Corporation Bank
<b>C</b>	<b>Scheduled Commercial Bank</b>
25	Bank of Madura Ltd
26	Bank of Rajasthan Ltd
27	Banaras State Bank Ltd
28	Bharat Overseas bank
29	Catholic Syrian Bank Ltd
30	City Union bank Ltd
31	Development Credit Bank
32	Dhanalaxmi Bank Ltd.
33	Federal Bank Ltd
34	Indusind Bank Ltd
35	I.C.I.C.I. Banking Corporation Ltd
36	Global Trust Bank Ltd.

37	Jammu & Kashmir Bank Ltd.
38	Karnataka Bank Ltd.
39	Karur Vysya Bank Ltd.
40	Laxmi Vilas Bank Ltd.
41	Nedugundi Bank Ltd.
42	Ratnakar Bank Ltd.
43	Sangli Bank Ltd.
44	South Indian Bank Ltd
45	S.B.I. Corporation & Int Bank Ltd.
46	Tamilnadu Mercantile Bank Ltd.
47	United Western Bank Ltd.
48	Vysya Bank Ltd.
<b>D</b>	<b>Scheduled Urban Co-op Banks</b>
49	Abhyudaya Co-op Bank Ltd
50	Bassein Catholic Co-op Bank Ltd
51	Bharat Co-op Bank Ltd
52	Bombay Mercantile Co-op Bank Ltd
53	Cosmos Co-op Bank Ltd
54	Greater Mumbai Co-op Bank Ltd
55	Janata Sahakari Bank Ltd
56	Mumbai District Central Co-op Bank Ltd
57	Maharashtra State Co-op Bank Ltd
58	New India Co-op Bank Ltd
59	North Canara GSB Co-op Bank Ltd
60	Rupee Co-op Bank Ltd
61	Sangli Urban Co-op Bank Ltd
62	Saraswat Co-op Bank Ltd
63	Shamrao Vitthal Co-op Bank Ltd
64	Mahanagar Co-op Bank Ltd
65	Citizen Bank Ltd.
66	Yes Bank Ltd.
<b>E</b>	<b>Foreign Banks</b>
67	ABM AMRO (NY) Bank
68	American Express Bank Ltd.
69	ANZ Grinlays Bank Ltd
70	Bank of America N.T. & S.A.
71	Bank of Tokyo Ltd
72	Bankindosuez
73	Banque Nationale de Paris.
74	Barclays Bank
75	City Bank N.A.
76	Hongkong & Shanghai Banking Corporation.
77	Mitsui Taiyokbe Bank Ltd
78	Standard Chartered Bank
79	Cho hung Bank



**SECTION –14**  
**APPENDIX**

**FORM OF TENDER**

To,  
The Municipal Commissioner for Greater Mumbai  
Sir,

I/ We have read and examined the following documents relating to the

- .....
- i. Notice inviting tender.
  - ii. Directions to tenderers (General and special)
  - iii. General condition of contract for Civil Works of the Municipal Corporation of Greater Mumbai 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 specifications 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 5 below).
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 Municipal Corporation of Greater Mumbai 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 withdrawn 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. ....

Vendor No.

.....

**AGREEMENT FORM**

Tender / Quotation

dated ..... 20...

Standing Committee/Education Committee Resolution No. ....  
CONTRACT FOR THE WORK .....

.....  
.....  
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 Municipal Corporation of Greater Mumbai (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 referred to:-
- 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 Jt.M.C. in the presence of

Assistant Commissioner

\_\_\_\_\_  
\_\_\_\_\_

The Common seal of the Municipal Corporation of Greater Mumbai 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 the Work	Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in “R/North” Ward under Mumbai Beautification Project for the year 2022-2023.
------------------	--

1.	Engineer for this Work	Ward Executive Engineer R/North Ward Asstt Engineer (Maintenance)R/North Ward Sub Engineer Civil (Maintenance) R/NWard Junior Engineer Civil (Maintenance) R/N Ward
----	------------------------	--

2.	Estimated Cost of Tender	<b>Rs. 6,33,38,954.50/-</b>
----	--------------------------	-----------------------------

Sr.	Description of Work	Total Amount (Rs.)
a.	Civil Works	<b>Rs. 5,68,46,743.50/-</b>
b.	Electrical Work	Rs.64,92,211/-
c.	<b>Total Amount</b>	<b>Rs. 6,33,38,954.50/-</b>

3.	Earnest Money Deposit (1% of Estimated Cost)	<b>Rs. 6,33,400/-</b>
----	--	-----------------------

4.	Time Period :-	
	<b>Contract as a Whole Period Completion</b>	<b>Three (03) Months</b>
	Part or Group of Items – Not Applicable	
	i.	Not Applicable

- d) Percentage to be charged as supervision charges for the work got executed through other means **10 percent.**
- e) 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.
- f) 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.
- g) In case of lump sum contract the cost of the work actually carried out as per break up and programme 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

**(On Rs. 500/- Stamp Paper)**

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:

3. “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 ;
4. “coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any persons participation or action in the Bidding Process;
5. “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
6. “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 as under.

3. 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.
4. 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.
5. 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, I submit my offer to execute the work as per tender documents at the rates quoted by me in capacity as \_\_\_\_\_ of \_\_\_\_\_.
6. I further declare that if I am allotted the work and I failed to carry out the allotted work in 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.
7. I also declare that I will not claim any charge/damages/compensation for non availability of site for the contract work at any time.
8. 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
9. I Indemnify Municipal Commissioner and the other officers of BMC or their agents for any Damages, Loss or Injury, any legal suit, proceeding or legal action whatsoever that may be caused at any time by me or any other staff of \_\_\_\_\_ company, for the work undertaken and all such damage, damages, injury or loss, legal suit, legal action, I shall be solely responsible in individual as well as official capacity and such loss, damages, injury shall be made good and/or as the case may be shall be paid immediately by me/company to the satisfaction of the BMC.
10. I indemnify BMC and all of its officers against the issues related with dumping sites and the disposal of desilted material as well as any accident/untoward event on site. Neither BMC staff shall be held responsible nor shall BMC be made party in any litigation.
- 11.

**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 M/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 MUNICIPAL CORPORATION OF GREATER MUMBAI (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 upto \_\_\_\_\_”Notwithstanding anything what has been stated above, our liability under the above guarantee is restricted to Rs. \_\_\_\_\_ only and guarantee shall remain in force upto \_\_\_\_\_ 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 \_\_\_\_\_

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.**

**(Clause amended/to be read as per Circular No. MDD/9945 dated 17.03.2017.)**

**Annexure –D**

**Rate Analysis**

**Item Description:**

Sr	Description of Rate Analysis Parameters	Unit	Quantity	Rate	Amount
1	Basic Material (Rate should be inclusive of all taxes)				
2	Machinery Hire Charges				
3	Labour Type		(Labour Components)		
4	Total of all Components				
5	Overhead & Profit 15% on 4				
6	Total Rate (4+5)				
7	Per unit Rate				

**Sign and seal of the Tenderer**

: **PROFORMA** :

**PROFORMA-I**

The List of similar works as stated in 1.1 of Sect. 2 during last (7) Seven yrs

PROFORMA-I					
Sr.	Name of Project	Name of Employer	Stipulated date of Completion	Actual Date of Completion	Actual Cost of Work done
1	2	3	4	5	6

**Note:** (a) 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. (b) Works shall be grouped financial year-wise.

**PROFORMA-II**

Yearly Turnover of Civil Engineering Construction works during last three years.

PROFORMA-II					
Sr	Financial Year	Annual Turnover of Civil Engineering works	Updated value to Current year	Average of last 3 years	Page No.
1					
2					
3					
TOTAL					

**Note:** The above figures shall tally with the Audited Balance Sheets uploaded by the tenderers duly certified by Chartered Accountant.

**PROFORMA-III**

Atleast Similar work, as stated in stated in 1.1 of Section 2 of Post Qualification.

PROFORMA-III							
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 the support of information furnished in the above proforma.

**PERSONNEL : PROFORMA-IV**

PROFORMA-IV					
Sr.	Post	Name	Qualification	Work Experience	
		(Prime Candidate /Alternate)		No. of years	Name of Project
1					
2					
3					
4					

**NOTE:** Scanned Attested copies of qualification certificates and details of work experience shall be submitted /uploaded.

**MACHINERY : (For Special Work only)-**

PROFORMA-V/A			
Sr.	Equipment	Number	Owned/Leased/Assured Access
1	2	3	4

PROFORMA-V/B			
Sr.	Equipment	Number	Owned
1	2	3	4

**Note :** The tenderers shall furnish/upload the requisite Scanned Attested documents of Ownership/lease 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 the Work	Lace	Contract No. & Date	Name & Address of the 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 the Work	Place	Name & Address of the Employer	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 should be annexed in the support of information furnished in the above proforma.

**PROFORMA-VII : LITIGATION HISTORY**

Other Party (ies)	Employer	Cause of Dispute	Amount involved.	Remarks showing Present Status.
1	2	3	4	5



## Annexure –E

**Note: For this subject work, all guidelines are mentioned in circular u/no. MGC/F/6342, dated 05/05/2018 will be strictly applicable.**

### Barricading

It will be entirely responsibility of the contractor to provide and install secure barricades on work sites wherever necessary in consultation with Engineer-In charge; **wholly at his risk and cost.** Barricading for all works shall be as specified in circular u/no. MGC/F/6342 dated 5.5.2018. Tenderer(s) should take cognizance of the same while quoting the bid.

Installing secure and continuous barricading is to ensure the safety of the road users/residents of vicinity etc. Due to non-installation of barricades or due to inadequate installation of barricades on sites; if any accident occurs on site leading to injury or loss of life; then the contractors and contractor's engineer will be liable for consequent action.

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.

**Annexure –F**

- **List of Approved Asphalt Plants:**

Tenderer(s) shall arrange to bring asphalt mixes from approved plants registered with BMC., during the execution of the work. **The valid list of approved asphalt plants at “the time of execution of works” to be obtained from the Dy.Ch.Engineer (Roads) planning office.**

The Municipal Site Engineer to ensure the validity of registration certificate of asphalt plant and compliance of conditions laid down in the registration certificate issued to the asphalt plant owner before receiving asphalt mixes.

- **List of approved manufacturer of interlocking paver blocks**

Tenderer shall arrange to bring Interlocking Paver Block from approved plants registered with BMC., during the execution of the work. **The valid list of approved paver blocks manufacturers plants at “the time of execution of works” to be obtained from the Dy.Ch.Engineer (Roads) planning office.**

The Municipal Site Engineer to ensure the validity of registration certificate of paver block plant and compliance of conditions laid down in the registration certificate issued to the paver block plant owner before receiving paver blocks.

- **List of approved R.M.C. Plants**

Tenderer(s) shall arrange to bring RMC mixes from approved plants registered with BMC., during the execution of the work. **The valid list of approved R.M.C. plants at “the time of execution of works” to be obtained from the Dy.Ch.Engineer (Rds) planning’s office.**

The Municipal Site Engineer to ensure the validity of registration certificate of RMC plant and compliance of conditions laid down in the registration certificate issued to the RMC plant owner before receiving RMC mixes.

Note : The valid list at the time of execution of works can be obtained from the Dy.Ch.Eng. (Roads) Planning office.

**Note:** Testing charges are as per Circular issued by Ch.E (Vig) U/no.Ch.E(V)/3344/B dtd 28/03/2022. The notes mentioned are as per circular. The rates may vary as per circular issued in this regard by Ch.E(Vig) of M.C.G.M. from time to time.

**SECTION -15**  
**SPECIAL DIRECTIONS TO**  
**TENDERER**

## SPECIAL DIRECTIONS TO THE TENDERER

15.1 MCGM 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 MCGM, the bidder shall have to arrange own dumping arrangement for which no any cost will be paid by MCGM. Nevertheless, MCGM reserves its rights to use surplus excavated materials for its own use anywhere in MCGM 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 policy's circulars are issued by MCGM from time to time related to various clauses/conditions of bid documents shall remained applicable. The MCGM reserves the right of its applicability for the particular work.

15.3 (A) Removal of Excavated Material All the excavated material belongs to the Municipal Corporation of Greater Mumbai and therefore shall be the property of Municipal Corporation of Greater Mumbai. 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.

(B) Royalty Payment on excavated material as per statutory requirement: The contractor shall pay necessary royalties and submit documentary evidences of such payments to the engineer for his information and records. If and when royalties becomes payable to the government authority on excavated material as per statutory requirements, the payment shall be made by the contractor.

15.4 All trenches taken in connection with the work should be sufficiently barricaded, as specified.

15.5 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.

15.6 Permissions:

The contractor shall have to obtain all the permissions of the concerned authorities outside M.C.G.M. required for carrying out the work. Only recommendatory letters will be issued by MCGM. 15.7 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.

15.8 Methodology of the work, safety manual and quality assurance plan shall be submitted before commencement of the work with copy at each site office.

15.9 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.

15.10 The contractor shall procure all material required for the work from manufacturers with I.S.I. certificates and according to M.C.G.M. specifications wherever applicable.

15.13 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.

15.14 i) 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.

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./E.E./ Zonal DMC/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 mater 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, 2015” of MCGM:

a) Warning

- b) Fine
- c) Suspension of Registration
- d) Demotion
- e) Deregistration
- f) Blacklisting

a) Warning / Fine: A contractor will be liable to a warning and /or penalty for

i) Non-compliance of any provision of the rules.

ii) Failure to comply with any clause or direction under these rules or failure comply with any conditions of tenders / contracts.

iii) Inadequate progress / performance under the contract.

For the first default of any type mentioned above a warning will be issued. For each subsequent default of the types in (i) & (ii) above the minimum penalty will be fine of Rs. 2,500/- while that for a default of the type (iii) the minimum penalty will be Rs. 5,000/- for contracts of upto Rs. 25 Lakhs and Rs. 10,000/- for contracts of above Rs. 25 lakhs. Higher Amount of penalty may be levied by the competent authority for reasons to be recorded.

b) Suspension of Registration

Suspension of Registration is meant that no new tender copy will be issued to the Contractor/s and he will not be considered for award of works for the bids in process.

Registration of contractor/s may be suspended as following, as the case may be;

(i) Whenever any Show Cause Notice is issued to the contractor/s calling for the explanation on the alleged lapses by him, the registration of contractor/s may be 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 by the officer (not below the rank of Executive Engineer) of MCGM. Director (E.S.& P.) Or concerned Deputy Municipal Commissioner (Engineering wing) is the competent authority to suspend the registration in such cases. Circular of suspension of registration till further orders, shall be circulated to all departments of MCGM by Head of the executing department i.e. Chief Engineer of concerned department / Zonal Deputy Engineer of the concerned Ward. The registration of the contractor/s will be restored 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.

(ii) After following due process as prescribed in clause 8.9 on any grounds prescribed on in clause 8.1.4 of “Rules Governing registration of Contractor/s for Civil, Mechanical, Electrical and Electronics Engineering works, 2015” of MCGM, if it is proposed to deregistered the contractor/s for a certain period (although deregistration means deletion of registered contractor/s from the list of registered contractor/s) then in such registration shall be suspended for the specified period with the approval of competent authority and circular to that effect shall be issued by concerned Head of the Department .

The registration of the contractor/s will stand restored after the period of suspension and circular to that effect shall be issued by the concerned Head of the Department.

c) Demotion:

A contractor/s is liable to be demoted to any of the lower classes 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 of such works.
- (ii) Below standard performance as revealed by Quarterly Performance Report in format –IX of Registration Rule of 2015.
- (iii) (iii) Deterioration in financial or technical ability /capacity.
- (iv) (iv) Repeated failure to properly fill in tender documents fully and correctly or delay in execution of formal contract documents. (v) If total penalty imposed exceeds 2% of contract amount

Note: Demotion from the lowest class of registration will amount to suspension for the period specified. In such cases, registration of the contractor/s will stand restored after the period of Demotion/Suspension.

d) Deregistration/ Suspension:

A contractor is liable to be deregistered / suspended on one or more of the following grounds.

- i) An attempt to cheat the M.C.G.M..
- ii) An attempt to bribe any of the M.C.G.M. employee / officer.
- iii) An attempt to secure a contract through unfair means or bringing to bear outside influence.
- iv) An attempt to secure unauthorized copies of Municipal Records and documents in relation to any tender / contract or any other official matter.
- v) An attempt to tampered with Municipal record and documents.
- vi) Furnishing false and / or misleading information to registration and / or any tender / contract.
- vii) Threatening, Misbehaving with or physical attack on any Municipal Employees / officer.
- viii) An attempt to instigate or collude with other contractor/s with a view to securing undue advantage.
- ix) Conviction by a Court of Low for any criminal offence.
- x) Any of the grounds mentioned in 5.13(ii) d , if it is deemed to serious enough

e) Black Listing Blacklisting is the penal action to be initiated against the contractors 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, demotion, deregistration) will remain similar as mentioned in penal action clause 8 of registration rule 2015.

TESTING OF MATERIAL –

- i) The charges for testing of construction materials 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 (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) 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.
- vi) Samples that are sent for testing for natural moisture content, shall be forwarded in wax coated packing or sealed airtight bags.
- vii) Undisturbed samples sent in sampling tube shall be wax coated on both open ends.



15.14 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–

List of Registers Register Code Name of Register

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. Steel Register
15. M 10 Register.
16. M 15 Register
17. M 20 Register
18. M 15, M20 Cube registers
19. R.M.C. Challan file
20. Cement Variation Register
21. Precast item register (Paver blocks, Kerb stone etc)
22. Precast item challan register
23. Bituminous challan file
24. Penalty Register.
25. Contractor's site staff attendance register
26. 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.

15.15 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 equipments 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.

15.16 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: a The 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 MCGM by incorporating in the offer. No separate payment may be made for providing the Site office and ancillary items.

15.17. Tenderers are requested to visit the site and verify the site conditions, nature and quantum of work before submitting the tenders.

15.18. The tender will be accepted only on the percentage basis; otherwise the tender will be rejected straightaway. Conditions of the following circulars and all prevailing circulars are applicable to the tendere Circular No. AMC/ES/9805/I Dated 25/09/2013 ( Design Built basis.).

15.19 The tender may be considered incomplete, irregular and invalid unless :

- i) It is signed by the proprietor, named managing partner or all partners or by the party or parties stating specifically their position and status at the following three places;
  - a) The printed undertaking addressed to the Municipal Commissioner is given
  - b) The schedule of quantities and rates and specifications.
  - c) The authority letter from the manufacturer / agent / traders have submitted the tender, is produced
- ii) The names and address of all the partners are given in the space provided therefore.
- iii) As certified copy of GST registration certificate is produced along with the tender.

15.20. The amount quoted shall include for provision of all necessary labour, plant, equipment, scaffolding and centering, etc.

15.21. Insurance :Before commencing execution of work, contractor should ensure at his cost against any damage, loss or injury that may occur to any property including any of their personal and employee of Municipal Corporation by an arising of contract.

All insurances to be effected by the successful tenderer shall be taken up with the Director of Insurance, Maharashtra State only.

15.23. The tenderer shall invariably submit this tender notice form together with the specifications, schedule of quantities and rates duly filled in and signed. Any irregularities in this respect, shall cause rejection of the quotation.

15.24. The rate quoted shall be inclusive of transporting and disposal of surplus excavated material.

15.25. The tenderer shall furnish the names & qualifications of the staff who will be deputed on this work and the names of other officers with their telephone Nos. with whom BMC Engineer may require to get in touch with. The site engineer must have BMC Supervisor License and the copy of license have to be submitted in the Assistant Commissioners's office before commencing the work.

15.25. All charges on account of Royalty, GST, terminal or sales tax and other duties on material obtained for the work from any source including the tax applicable as per Maharashtra Sales Tax Act on the transfer of property in goods involved in the execution of works contractors (re-enacted Act 1991, etc. or as amended upto date shall be borne by the contractors.

15.26. The Municipal Commissioner does not bind himself to accept the lowest or any tender.

15.27. Tenderer / contractor shall note that first class quality of material and workmanship is expected.

15.28. The materials used shall confirm to the related ISI specifications as well as BMC specified specification wherever applicable. Directives of Engineer concerned will be binding.

15.29. The tenderer / contractor will have to make good, without any extra payment any damage or loss to the Municipal property while executing the work.

15.30. General Conditions of Contract for civil works and electrical / mechanical as amended upto date shall be applicable to this work unless the same are contradictory to any of the conditions stated in the 'special directions' to the tenderers.

15.31. The detail description of various items, the units of payment and the rates thereof as mentioned in the Bill of Quantities below shall be as per the unified Schedule of rates effective from 2018 & prevailing Garden/Lake schedule/M&E Dept.

15.32. The sequence of work shall be as approved and directed by Engineer-incharge before starting the work, the contractor shall submit his programme of carrying out the work for approval of Engineer - in - charge.

15.33 The water supply to the user department shall not be disturbed during execution of the work. Contractor shall make alternate arrangement for providing equivalent capacity tank to restore water supply at their own cost.

15.33 Civil contractors will have to appoint reputed registered electrical subcontractors for the electrical work, who have proven capability and good past performance.

15.34 Maximum care should be taken to the satisfaction of the Engineer to provide and maintain adequate protection to all electrical and mechanical installations. No extra payment will be made on this account under any circumstances.

- 15.35 Contractor will have to make their own arrangement for getting the electric supply on site for fabrication and allied works at their own cost.
- 15.36 The contractor shall intimate the concerned authorities before starting the work and execute the work priority fixed by the Engineer-in-charge. The inventory of serviceable and unserviceable material must be taken jointly with Site-in-charge (Sub-Engineer) before starting of work.
- 15.37 Wherever necessary as directed by Engineer-in-charge, the unserviceable materials will have to be removed from the site within the time period as directed. The serviceable material should be handed over to concerned Assistant Commissioner of the Ward.
- 15.38 The Corporation will not be responsible for any delay that may be caused due to unforeseen circumstances and no compensation on this account will be paid.
- 15.39 No separate payment will be made for dewatering the water seeping in the trenches and foundation pits opened while executing excavation and other foundation works. The possibility of high water table should be kept in mind while quoting the percentage.
- 15.40 While excavating the trenches for foundation utmost care shall be taken that the foundation of adjoining structures will not be disturbed.
- 15.41 Materials brought on the site or debris will not be allowed to be stacked in passages or in the car park area.
- 15.42 The tenderer / contractor will have to make adequate shielding arrangement by putting necessary hoardings, screen or gunny bags, etc. so as to avoid any accident or nuisance to the occupants during the work without any extra payment.
- 15.43 After completion of the waterproofing work, the leakage test shall be carried out after impounding the water and plugging the openings at least for ten days, without any extra cost.
- 15.44. Plumbing and sanitary works will have to be carried out through licensed plumber. All plumbing lines will be provided 2" away from wall with spaces as directed. The horizontal and vertical lines should be in line & level.
- 15.45. Notwithstanding the source, the sand shall be washed using electrically operated sand washing machine, before use.
- 15.46 Reinforcement bars shall be purchased from such manufacturer's or their authorized dealers who manufacture the steel with the basic process. The steel bars shall be embossed with manufacturer's name. Original manufacturer's test certificate shall be insisted for reinforcement bars in the form of half embossed and half printed. Test certificate in photocopy or other form will not be accepted. Engineer's decision regarding make of the steel will be final and binding on the contractors.
- 15.47. The centering shall be insisted only in steel scaffolding and M.S. pipe props.
- 15.48 BMC reserves the right to delete any item, alter / reduce the scope of the work, no extra claim in this respect will be allowed.

- 15.49 In case of any discrepancy between the plans and B.O.Q. items, item as per B.O.Q. shall prevail and nothing extra shall be paid.
- 15.50 No extra payment will be made for the works like scaffolding & centering. Only double scaffolding will be allowed.
- 15.51. The articles should be manufactured within the Greater Mumbai limit to facilitate inspection of the articles.
- 15.52 W.P.T. layer should not be removed manually, the layer have to be removed by battery operated cutter only. No extra payment will be made.
- 15.53 The propping shall be done to the existing structure wherever necessary before taking up the demolition without any extra items.
- 15.54. The contractor shall take photographs of the work site before commencing, during execution and after completion of work, as directed.
- 15.55. The contractor shall have to arrange to carry out the work during night time also as per urgency of the work, at no extra cost.
- 15.56. After completion of the proposed work, the tenderer/ contractor will have to hand over the site in neat and clean condition for which no extra payment will be made.
- 15.57. On receipt of the work order the contractor will have to erect ready-made site Chowky and Godown in form of porta cabin/container cabin. Before erecting the Chowky and Godown, he shall have to obtain permission from the concerned Assistant Commissioner and the Assistant Commissioner shall approve the site of the Chowky and Godown proposed by the Engineer or may allot another suitable site. The porta cabin/ container shall preferably ad measure 12.20 m x 2.50 m with two doors and proper ventilation. It should have toilet facility. The contractor have to provide for site office as per requirement either on his/ her owned place or rented/ leased place. Cost for this may be charged to BMC by incorporating in the offer. No separate payment may be made for providing the chowky and ancillary items. No permission and space for site chowky will be given / provided on Municipal road/ footpath. The contractor has to make their own arrangement on hire/ lease for site office.
- 15.58. Personal Computer (Lap top) with latest generation and 5G internet facility dongle at site for day to day work, for site works.
- 15.59. 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 14-02-2000 issued by the Ministry of Environment and Forests.
- 15.60 The Tenderers shall specify the name of the electrical contractor while submitting the tender and separate sub-contractor status should be accorded to them in the contract.
- 15.61. Tenderers/Contractors shall provide air conditioning porta-cabin/Container well furnished with desktop computer, (with internet facility) and printer of latest version as directed by the Engineer and

for bonafide use of municipal supervisory staff on work. A penalty of Rs.1000/- per day will be imposed for AC Chowky, if not provided on site.

15.62. The tenderer shall submit the information in respect of contractors, works on daily wages, part time workers, full time workers, employed for the contract work, time to time during the execution of work to the Labour Office of the and Govt.authorities i.e. Assistant Commissioner, Provident Fund regional officer,

15.63. It is mandatory for the contractor to maintain the Noise level during the construction activity within the permissible limits as prescribed by BMC as per circular under no. CE/PD/7788/I dt. 05/11/2008.

15.64. The serviceable material procured from the site shall be handed over to concerned ward office /store with due acknowledgement of the same.

~~15.64. Contractor should provide one number of A.C. four wheeler for BMC site staff.~~

15.65. The work of maintenance of Garden/Lake for three years after completion of work will be carried out as per specification/ guideline /penalty clause will be applicable as per policy existing at that time.

15.66 A) Contractor should prepare civil, electrical, horticultural works preliminary estimates & GAD (General Administration Drawing) all works should be covered as per current policy & as per guidelines given by this office.

B)All RCC structure should be designed by RCC consultant having licensed/experience of bmcwork. Consultant's stability/Durability certificate is essential for carrying any structural work. All fees/Charges of service of consultants will be paid by contractor.

E) Landscaping consultant/ urban planner and electrical consultant and other qualified persons should be appointed by contractor to design theme of all above referred beautification works and work should be carried out under his supervision & his payment will be made by contractor.

F) After issue of work order to the contractor, a master plan along with detailed plan showing all the features of proposed beautification/amenities shall be prepared by landscaping consultant/ urban planner and electrical consultant and qualified persons.

15.67 No payment for M&E and civil maintenance/restoration will be made and contractor should maintain the same free of cost for entire development and maintenance period.

15.68 Tenderer(s) shall have to obtain all the permissions of the concerned authorities outside the B.M.C. required for carrying out the work. Only recommendatory letters will be issued by B.M.C.

- a) If required, the contractor shall appoint liaison officer for pursuing matters with the MMRDA, MCZMA, MRDPA, concerned Dy. Collector (Encroachment), concerned Municipal authorities, City Survey office, Reliance Energy, Tata power, Traffic Police or any other concerned offices for expediting encroachment / hurdles removal work.

- b) Tenderer(s) shall have to obtain all the relevant permissions/ NOC from MCZMA, or any environmental and forest authority if the construction site falls under coastal Regulation zone or affected due to CRZ, the tenderer(s) has to get it done by approaching / liaison officer for pursuing the same .Only recommendation letters will be issued by the Corporation. The construction work affected due to CRZ will be allowed to be continued subject to clearance of environmental point of view.

If due to small quantity of concrete (Less than 10 Cu.m.) or if concrete is not to be used as structural concrete nominal mix of equivalent strength may be made on site by the permission of Engineer, not below the Executive Engineer. However, rebate of Rs. 100/- per Cu.M. shall be taken for non-using the mix design.

15.70 .The contractors shall display the boards giving information of name of the work, date of starting completion, Name of the department and contact telephone numbers. Non-compliance of this condition, a penalty of **Rs. 1000/- per day per site** shall be imposed on contractor.

#### **15.71 PENALTY CLAUSES :-**

##### **71.1 Penalties :**

- a) The Engineer not below the rank of Assistant Engineer is entitled to impose a penalty of **Rs. 5000/- per day for each defective work/lapse, disobedience of orders of the officer** not below the rank of Site Engineer. Penalty amount will be recovered from contractors running bill.
- b) This penalty is over and above Penalty mentioned under G.C.C. clause No. 100.
- c) If it is observed that, the Tenderer(s) carrying out the work fails to comply with the instructions given by the authorities at the A.C./JT M.C./A.M.C./M.C.'s level during execution of work twice, the work will be terminated and will be carried out at the risk and cost of the Tenderer(s) and penal action will be taken against them. This decision will not be arbitrable at all.
- d) The abovementioned condition will be in addition to the provision of relevant condition in the General Condition of contract.

15.72. If the mangroves are required to be removed during execution of the work under the scope of the tender, the same shall be removed, as per directives of Hon.'ble High Court and as per prevailing Government Directions for which no extra payment shall be paid to the contractor and all necessary permissions obtained by tenderer in this regard from the competent authority.

15.73.Any recommendation / alteration in the work as per decision of Competent Authority of BMC. shall have to be executed under the same tender conditions.

15.74.It is observed that Contractors carrying out the work fail to comply with the instructions given by the A.C./Jt M.C./A.M.C./M.C. during execution of work twice, the work shall be deemed to have been terminated and will be carried out at the risk and cost of the Contractors and penal action will be taken against them. This decision shall not be arbitrable at all.

15.75.The above condition will be in addition to the relevant conditions in General Conditions of Contract regarding cancellation of full or part of the work, finality of the decisions on the disputes, differences or claims raised by the Contractors relating to any matter arising out of the contract.

15.76.The contractors will have to obtain permission from the traffic police department well in advance either for closing down the road stretch or for diversion of traffic for execution of the work by displaying appropriate boards. The work may be required to be executed in phases as per traffic police permission. The contractors should therefore take this factor in to account while quoting.

**15.77 The contractor shall inspect the site with Engineer incharge on every three month up to the DLP of the work.**

**Digital Signature of Tenderer(s)**



**SECTION – 16**  
**LIST OF WORKS &**  
**DRAWINGS**

**NOTE: THE TENDER DRAWINGS ARE AVAILABLE FOR INSPECTION IN  
THE OFFICE OF ASSTT. COMMISSIONER R/NORTH, WARD.**

**SECTION – 17**  
**FINANCIAL BID FORM**

(FORM 'B')

## Financial Bid Form 'B'

**Name of work -:** Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in "R/North" Ward under Mumbai Beautification Project for the year 2022-2023.

**Due Date of e-Tender: As on cover page.**

Sr.	Brief description of the Work	Office Estimate
1.	<b>e-tender no:- 7200038117</b> Beautification works of Traffic Island / Junctions, Bridges and optimum utilisation of area below Bridges and wall painting at various locations in "R/North" Ward under Mumbai Beautification Project for the year 2022-2023.	Rs. 6,33,38,954.50/-

**I/We have received; read and I am/ we are agreeable to the content of page no. 01 to page no. 170 including the Bill of Quantities while quoting the percentages offered. I/We have considered the contents of the documents contained in the above mentioned pages and into thereof, I/We have signed the documents.**

Name and Title of Signatory:

Name of Tenderer(s) :

Address :

E-Mail Address of the firm:

Telephone numbers :

**Digital Signature/Signature of Tenderer(s)  
Trading under the Name and style of**

The above sheet must be filled, scanned and uploaded separately in e-Packet B along with e-tendering)