



E-TENDER BID NO 7200037448

FOR

Name of Work: Planning and interior works of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.

**Sd/-
S.E.(M&E)HIC**

**Sd/-
S.E. (ARCHITECT)**

**Sd/-
A.E.(M&E) HIC**

**Sd/-
Sr. Architect (W.S.)**

**Sd/-
E.E.(M&E) HIC**

**Sd/-
Dy. Municipal
Architect (W.S.) i/c**

**Sd/-
Municipal
Architect**

(Standard Bid Document)

**Website: portal.mcgm.gov.in/tenders
Municipal Architect's Office,
3 rd floor, Engineering Hub Building,
Dr. E. Moses Road, Worli Naka, Worli,
Mumbai – 400 018.**

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SECTION 1

E-TENDER NOTICE

MUNICIPAL CORPORATION OF GREATER MUMBAI

Chief Engineer (Building Maintenance)

Municipal Architect Department

Ch.E/M.A./431/I dtd 15.06.2022

e-TENDER NOTICE

Sub: Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.

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 'IV' & above** as per new registration 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 MCGM will have to apply for registering their firm within three months time period from the award of contract, otherwise their Bid Security i.e. E.M.D (Earnest Money Deposit) will be forfeited/recovered and an amount equal to Registration Fee of respective class will be recovered as penalty.

Bidding Process will comprise of THREE stages.

The application form can be downloaded from MCGM's portal (<http://portal.mcgm.gov.in>) on payment of **Rs. 10,400 + 18% GST (9% CGST + 9% SGST)**. The applicants not registered with MCGM are mandated to get registered (Vendor Registration) with MCGM 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), 4th floor, Municipal Headquarter.
- ii) Followed by SRM login ID and password to be obtained from Central Purchase Department (CPD), Office at Byculla, Bakariadda, Mumbai
- iii) For e-Tendering registration, enrolment 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.

Name and location of work	Contract period	Estimated Cost of Project
Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.	02 months (including monsoon period)	Rs 1,09,93,723.12/- (including cost of Furniture works Electric works and CSMC charges for M&E works)

In terms of the 3 stage system of e-tendering, a Bidder will be required to deposit, along with its Bid, an Earnest Money Deposit of **Rs. 1,10,000.00/- (Rupees One Lakhs Ten Thousand 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 MCGM portal (<http://portal.mcgm.gov.in>) as mentioned in the Header Data of the tender.

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

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

The dates and time for submission and opening the bids are as shown in the Header Data. If there are any changes in the dates the same will be displayed on the MCGM Portal. (<http://portal.mcgm.gov.in>).

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

Municipal Architect's Office,

3 rd floor, Engineering Hub Building,

Dr. E. Moses Road, Worli Naka, Worli,

Mumbai – 400 018.

The applicants may wish to visit the site under reference located at **HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.** and can collect the information of the present status from the department who have invited the bids.

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

**Sd/-
Municipal Architect**

HEADER DATA

Tender Document Number	7200037448
Name of Organization	Municipal Corporation of Greater Mumbai
Subject	Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.
Cost of Tender	Rs. 10,400/- + 18% GST (9% CGST+ 9% SGST)
Cost of E-Tender (Estimated Cost)	Rs 1,09,93,723.12/-
Bid Security Deposit/Earnest Money Deposit	Rs. 1,10,000.00/-
Date of issue and sale of tender	17/10/2022 from 11:00 Hours
Last date & time for sale of tender	28/10/2022 upto 15:00 Hours
Submission of Packet A,B & C (Online) & Receipt of Bid Security Deposit	28/10/2022 upto 15:00 Hours
Opening of Packet – A	31/10/2022 after 12:00 Hours
Opening of Packet – B	31/10/2022 after 14:00 Hours
Opening of Packet – C	11/11/2022 after 15:00 Hours
Address for communication	Office of the:- Municipal Architect's Office, 3rd floor, Engineering Hub Building, Dr. E. Moses Road, Worli Naka, Worli, Mumbai – 018
Venue for opening of bid	On line in Municipal Architect's Office.

This tender document is not transferable.

The MCGM 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/-
Municipal Architect**

SECTION 2
ELIGIBILITY CRITERIA

A. Technical Capacity

- (1) The tenderer(s) in their own name should have satisfactorily executed the work of similar nature in MCGM /Semi Govt. /Govt. & Public Sector Organizations in 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 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.

The certificates (such as for modular furniture manufacture must be ISO 9001:2015, ISO 14001:2015, ISO 45001, OHSAS 18001:2007 & ANSI and BIFMA certified manufacturer and office Chairs / Lounge seating / Educational seating manufacturer shall be ANSI and BIFMA certified) certified) which should be submitted in the Packet 'B'. If the bidder failed to submit the same in packet 'B' then the bidder shall be disqualified.

For Furniture related work, contractor can submit registered M.O.U. with the agency having such certification and experience.

- (2) **Similar Experience:** For assessing the technical capacity of Major structural repairs and Maintenance works; Similar work shall mean, the completed or ongoing works in Building Construction OR Building Maintenance such as repairs / retrofitting / up-gradation / structural repairs.

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

If Bidder is desirous to get the specialized M&E work, works executed through nominated sub- contractor (Due to not having in house experience for specialized job) who fulfills the relevant following qualification criteria stipulated for nominated sub-contractors then It is a sole responsibility of the main bidder to ensure the fulfilment of qualification criteria of sub-contractors to be appointed for the relevant works. The successful bidder shall submit the required MOU for all the individual subcontractor nominated for specialized M&E works. The contractor shall submit these MOU prior to six months from the probable start of individual M&E activity as per finally accepted bar chart under this contract failing which the penalty amounting to 1% of specialized individual M&E work estimated cost will be imposed and deducted from the contractors running bill. MOU of maximum 3 nos. of probable subcontractors for individual specialized M&E work shall be submitted with their credentials for approval. It will be binding on the contractor to get the individual M&E work executed through any one of these approved subcontractors only. An undertaking on Rs.500/- Stamp Paper in agreement to above stated condition shall be submitted by the prime bidders, along with the bid in Packet B

- **Subletting with PQC** compliant sub-contractors only for specialized job work is permitted with MOU.

*Post qualification criteria for Mechanical & Electrical Works:-
(Specialized work)*

a).Electrical Works:-

Municipal registered electrical contractors in Class “A” as per new registration rule 2016 of MCGM. The contractor shall have valid PWD's electrical contractor's license.

OR

Registered electrical contractors of Railways / CIDCO / Central Public Works Dept. / Maharashtra State Public Works Department whose office is in Mumbai having class equivalent or above to Class “A” as per new registration rule 2016, of MCGM are also eligible. The contractor shall have valid PWD's electrical contractor's license.

B. Financial Capacity

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

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

A. Bid Capacity:

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

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

Where,

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

N = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year) For every intervening monsoon 0.33 shall be added to N.

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

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

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

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

**Sd/-
Municipal Architect**

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 Municipal Corporation of Greater Mumbai (MCGM), 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 Municipal Corporation of Greater Mumbai (MCGM) 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 Municipal Corporation of Greater Mumbai (MCGM), 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 Municipal Corporation of Greater Mumbai (MCGM) accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed here.

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

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

MCGM (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, MCGM 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 MCGM 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.

MCGM 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:

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

The Scope of the works includes :

FURNITURE WORK

1. Executive office table, staff office table.
 2. Side/back credenza.
 3. High back, mid back, visitors chairs.
 4. Pedestal drawer unit, File Cabinet, modular storage cupboards, Steel Cupboard.
 5. Cabin, lounge sofas.
 6. Corner, centre table.
 7. Workstation table top.
 8. Wooden bed.
 9. Full height both side laminated partition.
 10. Roller blinds.
 11. Synthetic washable carpet.
 12. Flush door.
- Etc.

CIVIL WORK

1. Minor repairing work of existing area.
2. Internal plaster work, P/F doors, windows wherever required.
3. Tiling work for flooring and dado in toilets. plumbing and sanitation work.

MECHANICAL AND ELECTRICAL WORK

1. The estimate has been prepared on the basis of site visit, Lay out plan.
2. Electrical Work: New point wiring, Independent Point, Power Point, Half Point & LAN / Telephone system, etc. are considered.
3. New Energy Efficient LED lights, Split AC, cables, DBs, ELCB, Switchgears etc. are considered.

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 Knowledgeware Ltd. who will assist MCGM 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 / MCGM”

I. Before entering into online tendering process, the contractors should complete the registration process so as to get User ID for E-tendering links. For this, the contractors can access through Supplier registration via MCGM Portal.

There are two methods for this registration : (II and III)

II. Transfer from R3 (registered contractors with MCGM) to SRM

- a) Contractors already registered with MCGM 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) MCGM 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.
- III. Online Self Registration (Temporary registration for applicant not registered with MCGM)
- a) Vendor fills up Self Registration form via accessing MCGM 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.
- IV. CONTRACTORS BIDDING: Applicant will Quote and Upload Tender Documents
- a) Access e-tender link of SRM Portal
 - b) Log in with User ID and Password
 - c) Selects desired Bid Invitation (he wants to bid)
 - d) 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.
 - e) Applicant will download Tender Documents from Information from purchaser tab by accessing Purchaser document folder through collaboration 'C' folder link.
 - f) Applicant will upload Packet A related and Packet B related Documents in Packet A and Packet B folder respectively by accessing these folders through "My Notes" Tab and collaboration folder link.
 - g) All the documents uploaded have to be digitally signed and saved. Contractors can procure their digital signature from any certified CA's in India.
 - h) Bid security deposit/EMD and ASD, if applicable, should be paid online as mentioned in tender.
 - i) For commercial details (in 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.

- j) Applicants to check the bid, digitally signs & save and submit his Bid Invitation.
- k) Applicants can also save his uploaded documents/commercial information without submitting the BID for future editing through 'HOLD' option.
- l) Please note that "Hold" action do not submit the Bid.
- m) Applicants will receive confirmation once the Bid is submitted.
- n) Bid creator (MCGM) starts Bid Opening for Packet A after reaching End Date and Time and Bid Evaluation process starts.

As per Three Packet system, the document for Packet A & B are to be uploaded by the tenderer in 'Vendor's document' online in 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 Packet 'A' instead of paying the EMD at any of the CFC centers in MCGM Ward Offices.

The e-tender is available on MCGM 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 Packet 'A', Packet 'B' & Packet 'C' of the tenderer will be opened as per the timetable shown in the Header Data in the office of **Municipal Architect**.

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 MCGM 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 'IV' & above** as per new registration 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 MCGM will have to apply for registering their firm within three months' time period from the award of contract, otherwise their Bid Security i.e. E.M.D (Earnest Money Deposit) will be forfeited/recovered and an amount equal to Registration Fee of respective class will be recovered as penalty.

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

1. Technical Capacity

The tenderer(s) in their own name should have satisfactorily executed the work of similar nature in MCGM /Semi Govt. /Govt. & Public Sector Organizations in 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 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.

The certificates (such as for modular furniture manufacture must be ISO 9001:2015, ISO 14001:2015, ISO 45001, OHSAS 18001:2007 & ANSI and BIFMA certified manufacturer and office Chairs / Lounge seating / Educational seating manufacturer shall be ANSI and BIFMA certified) certified) which should be submitted in the Packet 'B'. If the bidder failed to submit the same in packet 'B' then the bidder shall be disqualified.

For Furniture related work, contractor can submit registered M.O.U. with the agency having such certification and experience.

- (2) **Similar Experience:** For assessing the technical capacity of major structural repairs and maintenance works; Similar work shall mean, the completed or ongoing works in Building Construction OR Building Maintenance such as repairs / retrofitting / up-gradation / structural repairs.

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

If Bidder is desirous to get the specialized M&E work, works executed through nominated sub- contractor (Due to not having in house experience for specialized job) who fulfills the relevant following qualification criteria stipulated for nominated sub-contractors then It is a sole responsibility of the main bidder to ensure the fulfilment of

qualification criteria of sub-contractors to be appointed for the relevant works. The successful bidder shall submit the required MOU for all the individual subcontractor nominated for specialized M&E works. The contractor shall submit these MOU prior to six months from the probable start of individual M&E activity as per finally accepted bar chart under this contract failing which the penalty amounting to 1% of specialized individual M&E work estimated cost will be imposed and deducted from the contractors running bill. MOU of maximum 3 nos. of probable subcontractors for individual specialized M&E work shall be submitted with their credentials for approval. It will be binding on the contractor to get the individual M&E work executed through any one of these approved subcontractors only. An undertaking on Rs.500/- Stamp Paper in agreement to above stated condition shall be submitted by the prime bidders, along with the bid in Packet B

- **Subletting with PQC** compliant sub-contractors only for specialized job work is permitted with MOU.

*Post qualification criteria for Mechanical & Electrical Works:-
(Specialized work)*

a).Electrical Works:-

Municipal registered electrical contractors in Class "A" as per new registration rule 2016 of MCGM. The contractor shall have valid PWD's electrical contractor's license.

OR

Registered electrical contractors of Railways / CIDCO / Central Public Works Dept. / Maharashtra State Public Works Department whose office is in Mumbai having class equivalent or above to Class "A" as per new registration rule 2016, of MCGM are also eligible. The contractor shall have valid PWD's electrical contractor's license.

2. **Financial Capacity**

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

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

3. **Bid Capacity:**

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

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

Where,

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

N = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year) For every intervening monsoon 0.33 shall be added to N.

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

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

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

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

D) Equipment Capabilities as required for this work:

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 will ensure commitment in this respect 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.

E) Technical Personnel

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

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

(B) General Guidelines for Fixing Requirement of Technical Staff

Cost of work (Rs in Crore)	Requirement of Technical Staff		Minimum Experience(year)	Designation
	Qualification	Number		
1.5 to 5	i) Graduate Engineer Architect	1	5	Principal Technical Representative
	ii) Graduate Engineer or	1	2	Project/Site Engineer
	Diploma Engineer	1	5	Billing Engineer

Notes –

- a) “Cost of work”, in table above, shall mean the agreement amount of the work.
- b) 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 Architect	5	Rs.25000/-p.m.
3	Graduate Engineer	2	Rs.15000/-p.m.
4	Diploma Engineer	5	Rs.15000/-p.m.

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 nature of work by competent authority i.e. Chief Engineer with recorded reasons.

F) TIME PERIOD OF THE PROJECT

Entire project should be completed and delivered within **02 months** of time from the date of award of contract that **includes Monsoon**.

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

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

¼ of the work in	:	¼ of the time
½ of the work in	:	½ of the time
¾ of the work in	:	¾ of the time
Full of the work in	:	Full of the time

Full work will be completed in **02 months** including monsoon.

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

G) Contract Execution

All required documents for execution of the contract shall be submitted within 30 days from the date of issue of letter of acceptance. If the documents are not submitted within the stipulated time a penalty of Rs5000/- per day will be applicable to the contractor. All contract documents need to be duly affixed with stamp duty properly signed along with evidence/proof of payment of security/contract deposit/ within 30 days from the date of letter of acceptance received by him

H) If the amount of the Contract Deposit to be paid above is not paid within 30 days from the date of issue of Letter of Acceptance, the Tender / Contractor already accepted shall be considered as cancelled and legal steps be taken against the contractor for recovery of the amounts.

I) The amount of Security Deposit retained by the MCGM 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 MCGM shall be adjusted to-wards the excess cost incurred by the Department on rectification work.

J) 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 instalments 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 MCGM -

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

In case the contract shall be rescinded under Clause (a) above, the contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed by him under this contract unless and until the Executive Engineer shall have certified in writing the performance of such work and the amount payable to him in respect thereof and he shall only be entitled to be paid the amount so certified. In the event of either of the courses referred to in Clause (b) or (c) being adopted and the cost of the work executed departmentally or through a new contractor and other allied expenses exceeding the value of such work credited to the

contractors amount of excess shall be deducted from any money due to the contractor, by MCGM 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 MCGM 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.

K) 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 MCGM/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 MCGM 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 Tender

PACKET – A

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

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

- a) Valid Registration Certificate.
- b) Valid Bank Solvency Certificate of **Minimum Solvency Amount Rs 15,00,000/- (Rs. Fifteen Lakhs only)** 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. Those not registered under GST shall submit an undertaking to the effect that if they are successful tenderer, they shall submit GST Certificate within 15 days of issue of work order, failing which payment for the work executed will not be released.
- 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 MCGM and registration certificate with registrar of companies in case of Private Ltd/Public Ltd/Semi Govt & Govt undertakings.

The bidders shall categorically provide their Email-ID in packet 'A'

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 Bidder has not submitted required documents in Packet "A" then, the shortfalls will be communicated to the

Bidder through e-mail only and compliance required to be made within a time period of **three working days** otherwise they will be treated as non-responsive.

PACKET – B

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

- a) The list of similar type of works as stated in para ‘A’ of Post qualification successfully completed during the last Five 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 five years at least one contract of similar works as stated in para ‘A’ of Post qualification.
- b) Annual financial turnover for preceding three financial years as certified by Chartered Accountant preceding the Financial Year in which bids are invited. Copies of Applicants duly audited balance sheet and profit and loss account for the preceding three financial years preceding the Financial Year in which bids are invited. (Proforma – II)
- c) Documents stating that, it has access to or has available liquid assets, unencumbered assets, lines of credit and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements for the subject contract in the event of stoppage, start-up, or other delay in payment of the minimum 15% of the cost of the work tendered for, net of the tenderer's commitment of other contracts (Certificate from Bankers / C.A./Financial Institution shall be accepted as a evidence).
- d) The bidder shall give undertaking as such on a single Rs. 500/- stamp paper that it is his/their sole responsibility to arrange the required machineries either owned/on lease or hire basis, at site before start of the work.

- 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.
- h) The undertaking of Rs.500/- stamp paper as per the Annexure A (Irrevocable Undertaking) for compliance of provisions of G. S. T. Act.
- i) List of Technical Personnel with their qualification working in tenderer establishment (original). (Proforma IV)
- j) **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)**

If there is no Litigation History, the bidder shall specifically mention that there is no Litigation History against him as per the clause of Litigation History. In case there is Litigation History -

Litigation History must cover -

Any action of blacklisting, debarring, banning, suspension, deregistration and cheating with MCGM, State Govt., Central Govt., or any authority under State or Central Govt. / Govt. organisation initiated against the company, firm, directors, partners or authorised 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: Bidders shall submit the undertaking for equipment capability and other undertakings as such on a single Rs.500/- stamp paper.

- k) 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. Signed copies of all amendment's/corrigendum's if any.
 9. Information of Litigation history.

L) The certificates (such as for modular furniture manufacture must be ISO 9001:2015, ISO 14001:2015, ISO 45001, OHSAS 18001:2007 & ANSI and BIFMA certified manufacturer and office Chairs / Lounge seating / Educational seating manufacturer shall be ANSI and BIFMA certified) certified) which should be submitted in the Packet 'B'.

For Furniture related work, contractor can submit registered M.O.U. with the agency having such certification and experience.

Note:

- i. The Electrical / Mechanical work shall be got carried out by the civil contractors through the contractors registered with MCGM in **Class 'A'** of 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 with the tender along with the undertaking from the registered Electrical Contractor stating his willingness to carry out the tender work.
- ii. 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 MCGM 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.

- iii. 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 MCGM 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.

Note:

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

PACKET – C

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

Note: In case of rebate/premium of 15% and above as quoted by the tenderer, the rate analysis of major items shall be submitted by L1 and L2 bidder after demand notification by e-mail to bidders

by concerned Municipal Architect 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 favour 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 centres in MCGM 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.
 - 1) The Bid Security/ EMD and ASD of L2 and other higher bidders (L-3, L4 etc.) shall be refunded immediately after opening of financial bid.
 - 2) In case, the successful bidder becomes non-responsive or successful bidder withdraws the bid or is un-willing to extend the bid validity period, in such circumstances, if L2 bidder is agreeable to extend the bid validity period and ready to deposit the requisite amount of bid security/EMD and ASD to the department within the stipulated time period i.e. 15 days, the department will process further as per normal procedure.
- The Bid Security may be forfeited:
 - a) If the Bidder withdraws the Bid after bid opening (opening of technical qualification part of the bid during the period of Bid validity;
 - b) In the case of a successful Bidder, if the Bidder fails within the specified time limit to:
 - i. sign the Agreement; and/or
 - ii. Furnish the required Security Deposits.
 1. 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-reported, shall be viewed seriously and disciplinary action against the defaulters such as banning/de-registration, etc. shall be taken by the registration cell with due approval of the concerned AMC.

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. GST Registration 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/6565 dtd. 25.09.18 (Setting up the parameters of litigation history of the bidder) the litigation history is included as a part of SBD]**

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. Wrong calculation of Bid Capacity,**
- d. No proper submission of experience certificates and other documents, etc.**
- e. Non- Submission of Rate Analysis within 3 days of opening of 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 re-request will not be required or permitted to modify his bid, but will be required to extend the validity of his bid security for a period of the extension.

DEFECT LIABILITY PERIOD

- The Contractor is expected to carry out the construction work in Workmen like manner so as to meet the requirement and specification for the project. It is expected that the Workmanship and materials will be reasonably fit for the purpose for which they are required.
- Defects or defective work is where standard and quality of workmanship and materials as specified in the contract is deficient. Defect is defined as a failure of the completed project to satisfy the express or implied quality or quantity obligations of the construction contract. Defective construction works are as the works which fail short of complying with the express descriptions or requirements of the contract, especially any drawings or specifications with any implied terms and conditions as to its quality, workmanship, durability, aesthetic, performance or design. Defects in construction projects are attributable to various reasons.
- Some of the defects are structural defects results in cracks or collapse of faulty defective plumbing, inadequate or faulty drainage system, inadequate or faulty ventilation, cooling or heating systems, inadequate fire systems etc. The defects could be various on accounts of different reasons for variety of the projects.
- The Engineering In charge/Project Officer shall issue the practical completion certificate for the project. During the Defect Liability Period

which commences on completion of the work, the Engineering In charge shall inform or the contractor is expected to be informed of any defective works by the Employer's representative of the defects and make good at contractor's cost with an intention of giving opportunity to the contractor of making good the defects appeared during that period. It is the contractor's obligation under the contract to rectify the defects that appear during Defect Liability Period and the contractor shall within a reasonable time after receipt of such instructions comply with the same at his own cost. The Engineering In charge/Project Officer shall issue a certificate to that effect and completion of making good defects shall be deemed for all the purpose of this contract to have taken place on the day named in such defect liability certificate.

- If defective work or workmanship or design have been knowingly covered-up or 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 shall be as below:

Sr. No.	Description of work	Defect Liability Period
1	General works	3 years
2	Structural works	5 years
3	Waterproofing works	5 years

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

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

SECURITY DEPOSIT AND PERFORMANCE GUARANTEE

A. Security Deposit

The security deposit shall mean and comprise of

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

I) **Contract Deposit** – The successful 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.

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

B. Additional Security Deposit

Circular u/no. प्रले (वित्त)/42 दिनांक 09.01.2021 is applicable for this tender regarding payment of Additional Security Deposits.

Calculation of Additional Security Deposits is as below

The **additional security deposit** will be applicable when a rebate of more than of 12 % at the rate of with no maximum limit. The ASD is calculated as follows:

Additional Security Deposit = $(X / 100) \times$ Office Estimated Cost,

Where X = percentage rebate quoted above 12%

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%	P.G. = {0.92% x contract sum applicable for rebate of 12%} +(X) x contract sum where

	X= percentage rebate quoted more than 12%
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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 f in the prescribed form given in Annexure.

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

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

Note: Following exceptions shall be adopted for 'Demolition Tenders':

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

D. Refund of Security Deposit

I. Refund of Contract Deposit

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

II. Refund of Retention Money

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

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

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

III. Refund of Additional Security Deposit

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

IV. Refund of 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**

Deposits refunded after completion	After 3 yrs of DLP	After Completion of DLP
ASD + 50% of RM	CD + 50% of RM	PG

b) **Time of Refund for works having 1 or 2 or 3 years DLP**

Deposits refunded after completion	After Completion of DLP
ASD + 50% of RM	CD + 50% of RM+ PG

*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)

Successful tender shall pay the Legal Charges + Stationary charges as per परिपत्रक क्र. 10318 दि. 24.03.2022

Contract Value						Legal + Stationary Charges	
Up to	Rs.	10,001/-	To	Rs.	50,000/-	Rs.	Nil
From	Rs.	50,001/-	To	Rs.	1,00,000/-	Rs.	6,290/-
From	Rs.	1,00,001/-	To	Rs.	3,00,000/-	Rs.	10,380/-
From	Rs.	3,00,001/-	To	Rs.	5,00,000/-	Rs.	12,470/-
From	Rs.	5,00,001/-	To	Rs.	10,00,000/-	Rs.	14,510/-
From	Rs.	10,00,001/-	To	Rs.	20,00,000/-	Rs.	16,570/-
From	Rs.	20,00,001/-	To	Rs.	40,00,000/-	Rs.	18,660/-
From	Rs.	40,00,001/-	To	Rs.	1,00,00,000/-	Rs.	20,270/-
From	Rs.	1,00,00,001/-	To	Rs.	10,00,00,000/-	Rs.	24,450/-

The Bidders are requested to note that stationary charges as given in the table above + 18% GST (9% CGST + 9% SGST) 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 2015, stamp duty is payable for “works contract” that is to say, a contract for works and labour or services involving transfer of property in goods (whether as goods or in some other form) in its execution and includes a sub-contract, as under :

(a)	Where the amount or value set forth in such contract does not exceed Rs 10 Lakh.	Stamp Duty Rs 500/-
(b)	Where it exceeds Rs 10 Lakhs	Stamp Duty Rs 500/- plus 0.1% of the amount above Rs 10 Lakh subject to maximum of Rs 25 Lakhs.

- 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 favour 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.

2. **Tax**

As per C.A (F)'s circular no: CA/Finance/Projects/City/28 dtd 10.11.2017 for GST:

"G.S.T. and other state levies/cess which are not subsumed under GST will be applicable. The tenderer shall quote inclusive of all taxes. It is clearly understood that MCGM 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 any.

Rates accepted by MCGM 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 work/services to be executed as per tender ,

i.e. any increase will be reimbursed by BMC where as any reduction in the rate of GST shall be passed on to BMC as per the provisions of the GST Act”(प्र.ले./वित्त/ प्रकल्प/ 25 दि. १२/०७/२०२२).. 1% labour cess will be deducted from the bill as per the circular u/n FRT/12 dt.21/6/2012.

IMPORTANT DIRECTIONS

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

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

2. Applicants/Bidders shall refer portal.mcgm.gov.in tenders 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 ma@mcgm.gov.in . The subject shall clearly bear the following identification / title: "**Queries / Request for Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.**” Any changes in mail 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 packet C **on same BID-Document number for re-quoting** and such development needs to be done by IT department in MCGM'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 Chief Engineer~~ Municipal Architect.

The bidder shall need to submit the additional ASD if applicable within 15 days after receipt of LOA by ~~concerned Chief Engineer~~ Municipal Architect. If ASD is not submitted within 15 days, EMD will be forfeited; company will be debarred for 2 years also other companies with same partner / directors will also be debarred for 2 years.

SECTION 7
SCOPE OF WORK

The Scope of the works includes:

FURNITURE WORK

1. Executive office table, staff office table.
 2. Side/back credenza.
 3. High back, mid back, visitors chairs.
 4. Pedestal drawer unit, File Cabinet, modular storage cupboards, Steel Cupboard.
 5. Cabin, lounge sofas.
 6. Corner, centre table.
 7. Workstation table top.
 8. Wooden bed.
 9. Full height both side laminated partition.
 10. Roller blinds.
 11. Synthetic washable carpet.
 12. Flush door.
- Etc.

CIVIL WORK

1. Structural repairs such as PMM, micro concrete, jacketing etc wherever required.
2. Construction and demolition of wall wherever required.
3. Waterproofing of toilet
4. Internal plaster work.
5. Tiling work for flooring and dado in toilets.
6. P/F doors, windows wherever required.
7. Plumbing and sanitation work

MECHANICAL AND ELECTRICAL WORK

1. The estimate has been prepared on the basis of site visit, Lay out plan.
2. Electrical Work: New point wiring, Independent Point, Power Point, Half Point & LAN / Telephone system, etc. are considered.
3. New Energy Efficient LED lights, Split AC, cables, DBs, ELCB, Switchgears etc. are considered.

SECTION 8
BILL OF QUANTITIES

**FURNITURE + CIVIL WORKS
AND ELECTRICAL WORK
B.O.Q.**

(B.O.Q. of Furniture + Civil works and Electrical work is attached
at the end of this tender document)

SECTION 9
GENERAL CONDITIONS OF
CONTRACT

The tender is prepared on the basis of Unified Schedule of Rates, specifications 2018 and Standard General Conditions of Contract for construction Works 2016. The Amendments in MCGM's Tender Conditions, Standard Bid Document (SBD) and Standard General Conditions for Contract (Circular No. MDD/7878dt 27/09/2016) is available on MCGM portal <http://portal.mcgm.gov.in> under link The Circular of Tender Reforms. Hence the deserving contractor shall either download the same from MCGM portal or the same may be collected in the soft copy format at the time of purchasing the tender from this office.

As per circular no. CH.E./ BM/15600 /HIC dtd 09.01.2019 the following amendments / corrections is proposed in Section-9 Clause no. 83 joint venture, last paragraph regarding Financial Eligibility Criteria

As per SBD	Proposed Amendments
“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”	“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.

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

Jurisdiction of courts

1. 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.
2. M.C.G.M. has formed ‘Procurement Redressal Committee’ under the chairmanship of retired High Court Justice MCGM 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.

3. However, Municipal Commissioner has right to reject the request of bidder to allow to approach for Procurement Redressal Committee.

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.

Furniture / Interior Conditions :

- a) The Terms “out of”, “about” and “Upto” each means the maximum size.
- b) The terms “providing” means procuring all material as necessary to complete the item into for the purpose intended.
- c) The terms “fixing” means the carrying out of appropriate skilled labour including using necessary equipment and tools for the completion of the item to serve the purpose intended.
- d) The contractor has to exercise due care and caution while working on each item to ensure that adjoining areas are not spoiled, defaced, broken, damaged etc. and if so affected, the contractor shall have to rectify the damage etc. and make good the affected portion at his own cost and within the time frame set for the execution of the work.
- e) Rates of all items with “shutter” shall include handles & locking facility with making keyhole, including providing and fixing suitable lock with four sets of keys for each.
- f) The tenderer shall have workshop of his own with sufficient number of carpenters and skilled workers.
- g) Modular furniture shall be of knock down basis, manufactured in the workshop / factory within MMR region limit to facilitate

inspection of the furniture. Modular furniture shall be assembled on site.

- h) Manufacturer shall submit the detailed drawings as per the Site Conditions.
- i) Contractor shall make sample of single piece of typical furniture item finished in all respect and get approval of Municipal Architect before executing entire quantity.
- j) Contractor should mark partition layout on site and get the same duly approved by Municipal architect before actual execution of new work.
- k) The post- forming and edge- banding with requisite finish shall be provided and fixed for furniture work wherever required.
- l) Necessary precautions to be taken to maintain the finishing, aesthetical look before handing over of the completed site.
- m) All joineries shall be properly secured with adhesive as well as with screws & not by only nails.
- n) Whether expressly mentioned or not all exposed edges of the plywood/ block boards shall be finished with 6mm thick teak wood lipping or appropriate thickness. All exposed edges of pre laminated particle board furniture shall be finished with 2mm thick machine pressed PVC edge banding.
- o) All loose items shall be positioned at required locations with proper levelling.
- p) Every item of furniture whether it is fixed or loose shall be properly cleaned and no marks of spill over paint or polish shall be visible on the surfaces of laminate or on any other finished like glass or fabric etc.
- q) Samples of all visible materials like decorative laminates, fabrics, glass, polish etc. must be submitted for approval of Municipal architect before ordering the entire quantity. The said samples will be retained on site for comparing with actual delivery of similar material at site.
- r) Quality of wood: approved quality of seasoned Indian teakwood, B.T. / C.P. wood free from knots, cracks, plug and holes etc. with perfect joints will have to be used for manufacturing the furniture, wherever required.
- s) Randomly selected furniture item could be sent to Lab by directions of Municipal Architect to ascertain quality.
- t) The furniture work executed on site shall be certified from Municipal Architect.
- u) Fair Items regarding this project i.e. **“Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.”** , are in process,

in case of any change in rate should be acceptable to bidder.
Number of fair items are mentioned in BOQ.

v) If any two or more conditions contradicting each other or depicting different meaning or portraying different essence of the basic principle of mentioned work, in this case Municipal Architect reserve all the right to Define/ Modify/ Alter/ Add etc. Terminologies and conditions of this Tender Document.

Mechanical and Electrical Conditions :

GENERAL INSTRUCTIONS AND TERMS AND CONDITIONS FOR COMPREHENSIVE ANNUAL SERVICING AND MAINTENANCE

Under this service, skilled and trained manpower is provided for 'Routine Maintenance' of Engineering Services

The successful tenderer shall undertake the comprehensive servicing and maintenance of the system for the period of five years from the date of satisfactory completion of one years guarantee period that means for the period of six years from the date of completion of the work. It will be sole responsibility of the contractor to keep the system in safe working condition at all the time as per relevant Standards, Rules and Regulations in force.

CSMC Conditions for VRV/VRF/DX system

1) The contractor shall supply minimum following consumables & general spares / items for smooth operation of all the system and the rates quoted by them should be inclusive of following items :-

- a) Refrigerant Gas
- b) Lubricating oil for compressor systems
- c) Packing / Couplings / gaskets / insulation material / other general spares.
- d) All electrical spares e.g. Fuses / Relays, contactors, Condensers etc.
- e) Indoor units Filter /Belts / Bearings / Valves / Other spares etc.
- f) Any incidental items required for successful maintenance of the equipments under CSMC scope

The contractor is required to assess the probable quantity of all types of spares and consumables likely to be required for replacement for keeping all the installations in good working conditions and include the lump sum cost of these spares & consumables. Nothing extra on any account shall be payable over and above

the approved all-inclusive comprehensive rates of the contract. The consumables and spares shall be of best standard quality purchased from the original manufacturers or authorized dealers only

2). All tools & tackles, manpower, transportation and other resources required for executing the job shall be in the scope of the contractor. No extra charges will be paid by the authority regarding tools & tackles, manpower, transportation etc.

3). Spares of compressor, control panel card, Software etc. which may be required during maintenance of the all the system will have to be supplied by the contractor as per instruction of the Authority

4) Repairing of leakage, refrigerant Gas charging, if necessary.

5) Replacement of parts viz. Compressor, Fan Motor, PCB, Magnetic Switch, Transformer and other electrical parts of AC.

6) Setting of central controller whenever required.

7) Air Filter, Sheet Metal parts, Evaporator coils, Condenser Coil Circuit Breaker, Front grill assembly / plastic cover / panel, Circuit Breaker (MCB), Remote Handset, Voltage stabilizer.

8) Any spare parts, gas etc. will be provided by the Contractor . However, the labour will be the part of the CSMC contract and nothing will be paid extra on the account of labour required for any rectification.

9) It shall be responsibility of the contractor to hand over the all CSMC awarded VRV/VRF/DX HVAC units to MCGM in working condition at the expiry of the Contract period.

Time schedule and periodicity of work

Monthly Maintenance :-

1) Maintenance of all filters, fans, diffusers, cooling coils, Refrigerant Gas make up etc.

2) Tightening of belts, foundation bolts of equipment, alignment of belt pulleys and couplings.

3) Examining indoor/outdoor units & operating linkage for smoothness.

4) To check the gland /seal, coupling of units.

5) To check the safety controls mechanical, Electrical/ Electronics and inter-locking of the various equipments.

6) To check all piping/insulation/proper positioning/damage and rectifying the same where ever required.

7) Inspect/check entire line for leakage and rectification of leakage, if any.

8) To check and lubricant (if required) the bearing of the fans/motors and keep the proper record.

9) To check the foundation bolts of the units/motors and to take the necessary action if required.

- 10) Check the quantity of Air flow from various out lets in each room/ Area as per drawings and do adjustment of dampers etc as and when required.
- 11) Check the performance of equipment of VRF plant for proper functioning
- 12) Any other job required to be attended during course of Checking and to keep the plant in perfectly working conditions.

Quarterly Maintenance:

- 1) Checking / setting / rectification of all safety and automatic controls.
- 2) Complete Overhauling of indoor/outdoor units, FCU, Fans.
- 3) Maintenance of AHUs/Fresh Air & Exhaust Air Fans and their Balancing, if required. Observe the operation of all the dampers and make necessary adjustment in linkage and blade orientation for proper operation.
- 4) Functional checks & calibration of all switches, thermostats, humidistat and other instruments rectification of the same if required.
- 5) Any other job required to be attended during course of checking / as per OEM and to keep the plant in perfectly working conditions.
- 6) Maintenance of all Electrical equipment Feeders, Panels, Bus Bars, Cubicles, Motors, Heaters, Circuit Breakers, Power Points, etc. pertaining to HVAC as per standard electrical maintenance practice and as directed by concerned maintenance engineer. The maintenance and repairing of motors, Software re installation (if required) etc. are also within the Vendor's scope of work.
- 7) The gas charging in VRF/DX system will be executed by vendor, whenever required.
- 8) Checking motor.
- 9) Cleaning of blower and condenser fan, Indoor Units.
- 10) Cleaning the evaporator and condenser coils
- 11) Cleaning the equipment, filters.
- 12) Checking and tightening of nuts & bolts
- 13) Checking cooling efficiency

NOTE: All the equipments/installations shall always be kept in good and trouble free operating conditions. All the required record for break-downs/repairs and maintenance etc. shall be maintained in the form of history books and logbooks etc. as per directions. All the maintenance works shall be carried out in accordance with the manufacturer's specifications and instructions of the Engineer-in-charge or his representative. Breakdown calls shall be attended to immediately and a record of such service, duly acknowledged by the person in charge of the location of the air-conditioner, shall be maintained. Breakdown service will include replacement of genuine spares.

Additional Clause:

- i. Any damage to the building or the any part of the equipment which might result during the operation shall be repaired by the contractor.
- ii. Any damage resulting to the system on account of the negligence or mall- operation shall be made good by the contractor. Nothing extra will be paid for such work.
- iii. The contractor shall arrange to render efficient service as outlined in this specification. However, in case the contractor fails to maintain the service to the satisfaction of the Engineer- in – charge of the department and any expenditure incurred therein for alternative arrangements by the Engineer-in-charge shall be recovered from the contractor.
- iv. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and its parts from its positions until and unless it is authorized by the Engineer-in – Charge. The entire installation should be intact at any time of inspection as was handed over to him at the time of initial taking over of its maintenance and operation. Care shall also be taken not to damage installation by improper handling.
- v. Proper reports of preventive and breakdown maintenance of VRV/VRF system shall be prepared and shall be signed by Engineer – in – charge.
- vi. Transportation of Air-Conditioner Units from the hospital buildings to the service provider’s workshop, from one building to another and from the service provider’s workshop to the hospital buildings, will be at the cost of the contractor.
- vii. The Service Provider is responsible for the payment of Minimum Wages (under Central Act) to the personnel deployed by it. The Service Provider is also responsible for compliance of the provisions of all the statutes applicable in its case.
- viii. In cases of poor workmanship and non-compliance of tender/agreement or services provided by the contractor are not found to be satisfactory, the contract shall be terminated by the department by giving 30 days notice even before the expiry of contract period and shall be forfeited the security deposit without assigning any reason what so ever.
- ix. The Contractor has to maintain a maintenance register during each visit mentioning what kind of job has been done during that visit. Contractor also has to provide maintenance report.
- x. Watch and Ward of their material, machineries and system etc. till end of the contract shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.

xi. If for any reason any equipment is required to be repaired from any outside agency or in any workshop, the same shall be arranged by the contractor at his own cost with in the quoted prices.

PENALTY TERM:

1. every breakdown or preventive maintenance call shall be backed by inspection report by the contractor.

2. The breakdown call of plant shall be attended by the contractor within 4 (Four) Hrs. of intimation lodged between 9.00 a.m. to 3.00 p.m.

3. Failure to attend the call shall attract penalty of Rs. 500/- for 1st incidence, which shall be doubled for subsequent failure. The maximum penalty shall be Rs. 2000/-

4. For any reason/ Due to non-availability of spares if the plant remains idle for more than a week, prorata service charges for the month shall be deducted from the quarterly bill.

TERMS OF PAYMENT FOR ANUAL SERVICE MAINTENANCE CONTRACT

Service during the quarter period shall be billed by the contractor at the end of quarter and on receipt of bill will be paid within thirty days as per M.C.G.M. procedure.

This contract is terminable by MCGM if the services rendered are unsatisfactory.

In case of dispute the Municipal Commissioner's decision will be final and binding on both the parties.

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 MCGM portal <http://portal.mcgm.gov.in> under the Tender tab. Hence the deserving contractor shall either download the same from MCGM portal or the same may be collected in the soft copy format at the time of purchasing the tender from this office.

SELECTION OF MATERIAL

1. All materials brought on the site of work and meant to be used in the same, shall be the best of their respective kinds and to the approval of the Engineer. The Engineer or his representative will accept that the materials are really the best of their kinds, when it is proved beyond doubt that no better materials of the particular kind in question are available in the market.
2. The contractor shall obtain the approval of the Engineer of samples of all materials to be used in the works and shall deposit these samples with him before placing an order for the materials with the suppliers. The materials brought on the works shall conform in every respect to their approved samples. Fresh samples shall be deposited with the Engineer when-ever the type or source of any material changes.
3. The contractor shall check each fresh consignment of materials as it is brought to the site of works to see that they conform in all respects to the Specifications of the samples approved by the Engineer, or both.
4. The Engineer will have the option to have any of the materials tested to find out whether they are in accordance with the Specifications and the Contractor will bear all expenses for such testing. All B 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.

MUNICIPAL CORPORATION OF GREATER MUMBAI

No. Ch.E./BM/019374/II Date 13 January 2022

Sub.:- List of Approved Building Materials updated up to 31.12.2021.

Following brands of building materials have been approved by Ch.E.(B.M.)/Director (E. S.& P.). The brands of the building materials approved and mentioned in the list with the validity given below shall be used. For the materials other than mentioned in the list brands, only ISI marks materials shall be allowed to be used with prior written permission of the engineer, for individual work. The contractors shall distinctly understand that it will not be their prerogative to insist for use of particular make/brand from following list and final selection will have to be done with approval of engineer. The following list of approved building materials may vary and some new category/brand may be added or existing ones may be deleted. The contractor shall use the brand as directed by the engineer.

Sr. No	Category	Product	Brand Name if any	Manufacturer's Name & Correspondence address	Contact Details	Validity
1.	Cement	OPC 53 Grade & PPC	"SANGHI"	M/s. Sanghi Cement Limited, Krishna Commercial Centre, 11, B-Wing, 6-Udyog Nagar, S.V. Road, Near Kamath Club, Goregaon (West), Mumbai- 400 062	(022)-28713120 (0261)-2331019	27.07.2023
2.	Cement	OPC 53 Grade PPC	"HATHI"	M/s. Saurashtra Cement Limited, Gala No. A-1, Ground Floor, Udhog Sadan No. 3, MIDC, Central Road, Andheri (East), Mumbai- 400 093	(022)-32955567 / 32955557	24.09.2023

3.	Cement	OPC 43, 53 Grade & PPC	“PERFORMATE, OPTIMATE & DURAMATE”	M/s. Kalburgi Cement Private Limited. 8-2-626, Reliance Majestic, Road No. 10, Banjara Hills, Hyderabad-500034	(022)-40831234	18.03.2024
4.	Cement	OPC 53 Grade & PSC	“PSC & CONCRETEL HD”	M/s. JSW Cement Limited, JSW Centre, Bandra Kurla Complex, Bandra (E), Mumbai-400051	Mob.:-9820234395	03.03.2024
5.	GGBS	Ground Granulated Blast Furnace Slag	JSW	M/s. JSW Cement Limited, JSW Centre, Bandra Kurla Complex, Bandra (E), Mumbai-400051	Mob.:-9819990801	03.03.2024
6.	Reinforcement Protection coating	Epoxy Reinforcement Bars	“EPOXY SHIELD”	M/s. Hariom Ingots & Power Pvt. Ltd., Plot 59-60, Light Industrial Area, Bhilai, Chhattisgarh-490 026.	Mob.:-7884055300	01.02.2023
7.	Reinforcement Protection coating	Epoxy Reinforcement Bars		M/s. Eurocooustic Products Ltd. FBEC Divn, PSL Campus, Kachigam (Via Vapi-Guj), Daman, (U.T.)-396210	022-66447777 / 66447787	09.11.2023
8.	Reinforcement Bars	TMT bars of Grade (Fe415, Fe500, Fe500D)	“SURYA TMX”	M/s Surya Ferrous Alloys Private Ltd. 117, 1 ST Floor, Sky Lark Building, Sector No. 11, Plot No. 63, C.B.D. Belapur, Navi Mumbai-400614	(022)-27573081 / 7480 / 7420	08.11.2023
9.	Reinforcement Bars	TMT bars of Grade (Fe415, to Fe550D)	“SUN TMX QST” & “MORIYA”	M/s. Jaideep Metallics & Alloys Pvt. Ltd., Gut No. 73, 74, 76, 78, 79, 80, 179, 180, Village Lakhmapur, Bhiwandi Wada Road, Taluka Wada, Thane- 421303.	(022)-42032003 FAX-(022)-42032020	08.11.2023
10.	Reinforcement Bars	TMT (Fe415 to Fe550D), Epoxy Reinforcement Bars & CRS (Fe415 to Fe550D)	“ELECTROTMT PLUS” “ELECTROCRS GOLD”	M/s. Electrotherm India Ltd., Survey No. 325, NH 8A, Nr. Toll Tax Booth, Samkhiyali, Ta. Bhachhau, Dist. Kutch. Gujrat- India	(022)-65201597 / (02717)-660649	08.11.2023
11.	Reinforcement Bars	TMT bars of Grade (Fe415, to Fe 550D)	“GUARDIAN”	M/s. Guardian Castings Pvt. Ltd. 415, Mahinder Chambers, W.T. Patil Marg, Opp. Dukes Factory, Chembur, Mumbai-400071	(022)-67975145 / 5146	08.11.2023

12.	Reinforcement Bars	TMT bars of Grade (Fe 500, Fe 500D & Fe550D)	“BHAGWATI”	M/s. Bhagwati Steel Cast Pvt. Ltd., D-101, MIDC, Malegaon, Sinner, Dist-Nashik-422113, Maharashtra	022-40354444 Fax-40350432	14.10.2022
13.	Reinforcement Bars	TMT bars of Grade (Fe 500, Fe 500D & Fe550D)	“REGENCY”	M/s. Regency Ispat Pvt. Ltd., 507, Bharat Chambers, Baroda Street, Iron Market, Carnac Bunder, Mumbai - 400009	(0251)-2703815/9820146815	29.09.2023
14.	Reinforcement Bars	TMT bars of Grade (415 to Fe 550D)	“THANE”	M/s. Thane Steel Limited, 14, Steel Yard House, S.T. Road, Carnac Bunder, Mumbai - 400009	Mob.:-8356059949	22.08.2024
15.	Reinforcement Bars	Non Corrosive SS Rebar of grade SSR 550	“SUNFLAG”	M/s. Sunflag Iron & Steel Co. Ltd. 33, Mount Road, Sadar, Nagpur - 440001 (India)	Mob.:-9325360201/9323221481	31.10.2024
16.	Tiles	Ceramic & Vitrified Tiles (IS 15622:2006)	“DAKSHINAMURTI”	M/s Akash Ceramic Pvt. Ltd. Complex, 3 rd floor, Drive-in cinema road, Ahmedabad-54	(079)-26857400/500	25.12.2023
17.	Tiles	Ceramic & Vitrified Tiles (IS 15622:2006)	“AMBANI”	M/s. Ambani Vitrified Pvt. Ltd., Survey No.143 P1/P1, Morbi Charadva Road, Unchi Mandal, Morbi, Gujrat-363641.	Mob.:-9727723151/9082121550	06.01.2023
18.	Tiles	Ceramic & Vitrified Tiles (IS 15622:2006)	“VARMORA”	M/s. Varmora Granito Pvt. Ltd., A-54, 1 st Floor, Elite Auto House, Mathuradas VasANJI Road, Andheri-Kurla Road, Andheri (East), Mumbai -	(022)-28389790/91/92	27.09.2023
19.	Tiles	Ceramic & Vitrified Tiles (IS 15622:2006)	“ORIENT BELL”	M/s. Orient Bell Ltd., Iris House, 16 Business Centre, Nangal Raya, New Delhi- 110046	(011)-47119100	16.10.2023
20.	Tiles	Ceramic & Vitrified Tiles (IS 15622:2006)	RAK	M/s. RAK Ceramics India Pvt. Ltd., 1ST Floor, Carnival House, Opp. Oberoi Mall, Dindoshi Road, Malad East, Mumbai-400063	Mob.:-9920027828	22.02.2024
21.	Tiles	Ceramic & Vitrified Tiles IS 15622:2006	CREANZA	M/s. Commander Vitrified Pvt. Ltd., 8-A NH, B/H Landgrace Ceramic, At. Sartanpar, Ta. Wankaner, Morbi, Gujrat-363621	Mob.:-9320812511	16.02.2024

22.	Tiles	Ceramic & Vitrified Tiles IS 15622:2006	“ZEALTOP”	M/s. Zealtop Granito Pvt.Ltd., Old Ghantu Road, Morbi, Gujrat - 363642	(022)-28728750 /7585	12.06.2024
23.	Tiles	Ceramic & Vitrified Tiles IS 15622:2006	“PRIYAM GRANTILE	M/s. Solvish Ceramic LLP Survey No. 106/2, MatelRoad, Nr. Classy sanitaryware, Wankaner, Morbi, (Gujrat)- 363622	Mob.:- 9324232544/9833877821	25.10.2024
24.	Sanitary ware	Water Closet /Basin/Urinal Cistern (IS 2556:2004)	RAK	M/s. RAK Ceramics India Pvt. Ltd., 1ST Floor, Carnival House, Opp. Oberoi Mall, Dindoshi Road, Malad East, Mumbai-400063	Mob.:- 9920027828	22.02.2024
25.	Sanitary ware	Water Closet /Basin/Urinal Cistern (IS 2556:2004)	PRIYAM GRANTILE	M/s. Solvish Ceramic LLP Survey No. 106/2, MatelRoad, Nr. Classy sanitaryware, Wankaner, Morbi, (Gujrat)- 363622	Mob.:- 9324232544/9833877821	25.10.2024
26.	Cast Iron Pipes & Fittings	CI Pipes (IS 3989:2009)	“NFL”	M/s. Nagpur Foundries Limited, N-72, MIDC, Hingana Road, Nagpur – 440016.	(0712)-2768232	06.11.2022
27.	RCC pipes	NP3 & NP4 class (150 mm - 1200 mm)	“SPPPL”	M/s. Siddhivinayak Precast Pipes Pvt. Ltd, Arihant heights, Plot 76, Sec- 25, Near Gyan Prabhodhini School, Pradhikaran, Nigadi, Pune – 411 044.	(020)-27651888	22.03.2022
28.	RCC pipes	NP2 & NP3 class (150 mm - 1800 mm)	“PAWAN”	M/s. Pawan Concrete, Room No. 4, Obhan Niwas, Near Nav Bharat School, N. S. Road, Mulund (West), Mumbai – 400080	Mob.- 7738545829/9820255507	20.06.2022
29.	RCC pipes	NP3 & NP4 class (450 mm - 1800 mm)	“ACPPL”	M/s Aadit Concrete Products Pvt. Ltd. 80/85, Om Laxmi Niwas, Prabhat Main Road, Near Royalty Hotel, Erandwane, Pune-411004.	Mob.- 9552529191	14.03.2024
30.	RCC pipes	NP2 (150mm - 600mm) NP3 (150mm - 1200mm)	“SHIVAMM”	M/s. Shivamm Industries, Arihant heights, Plot 76, Sec-25, Near Gyan Prabhodhini School, Pradhikaran, Nigadi, Pune – 411044	(020)-27651888	13.08.2022

31.	RCC pipes	NP3 & NP4 class (400 mm - 1800 mm)	“POONA CONCRETE”	M/s. The Poona Concrete Products Co. 996, Navi Peth, Abhinav Apartment, Pune-411030	Mob.:- 9920177456	14.04.2024
32.	RCC pipes	1) NP2 class (150 mm - 300 mm) 2) NP3 & NP4 class (150 mm - 1800 mm)	“PRANALI”	M/s Pranali Cement Pipes Pvt. Ltd, 311, Kesar Krupa CHS Ltd., Above Saraswat Bank Ltd., Chandavarkar Road, Borivali(w), Mumbai-400092	Mob.:- 9324622669	15.03.2024
33.	SWR UPVC & CPVC Pipes	“i) UPVC SWR Pipes IS 13592:1992 ii) UPVC injection moldings fittings IS14735:1999 iii) CPVC pipes IS 15778 and CPVC fitting IS7834”	“PRINCE”	M/s Prince SWR System Pvt. Ltd. Sunshine plaza, 1 st floor, Naigaum Cross Road, Dadar (E), Mumbai-400014.	(22)-40303333/44/55 Fax:+ (22)-40303322	14.02.2022
34.	Single Stack System	HDPE Single stack system	“GEBERIT”	Geberit Plumbing Technology India Pvt. Ltd. 305, B-Wing, Dynatsy Bussiness park, Andheri Kurla Road, Andheri (E) Mumbai 400059.	(080) – 23376127/23570612	21.08.2022
35.	Single Stack System	uPVC SWR System	“ULTRAFIT”	M/s. Prince pipes & Fittings Pvt. Ltd, The Ruby, 8 th floor, 29, Senapati Bapat Marg (Tulsi pipe road), Dadar (W), Mumbai- 400 028	(022)-66022222 Fax-(022)-6602 2220	13.05.2022
36.	PP Pipes & Fittings	“Multi-Layer Polypropylene Silent Pipes & Fittings”	“HULIOT”	M/s Huliot Pipes & Fittings Private Limited. 401, Siddharth Complex, R.C. Dutt Road, Alkapuri, Vadodara, Gujrat-390 007	Mob.:- 9099936326	26.07.2022
37.	CPVC SWR,	(i) CPVC pipes IS 15778 and CPVC fitting IS7834 (ii) UPVC SWR Pipes IS 13592:1992 & Fittings	“TRUFLO BY HINDWAR E”	M/s. HSIL Limited, Unit 501 & 504, Block-A, “The Platina”, Survey No. 136, Gachibowli-Miyapur Road, Gachibowli, Hyderabad, Telangana- 500032	(040)-66288000 Mob.:- 9898348983	26.03.2022

	uPVC & PVC Pipes	14735:1999 (iii) Potable s water supply Pipes IS 4985:2000 (iv) uPVC pipes				
38.	SWR	UPVC SWR Pipes IS 13592:1992 & Fittings 14735:1999	BIRLA AEROCON	M/s. HIL Limited, L7 Floor, SLN Terminus, Sy. No. 133, Beside Botanical Garden, Gachibowl i,Hyderabad- 500 032, Telangana.	Mob.:- 8600004 0 36	29.03.2 024
39.	PPR Pipes & Fittings	PPR Pipes & Fittings (IS 15801:2008 for Hot & Coldwater supply)	“KPT GREEN THERM”	M/s. Kanha Plastics Pvt. Ltd., Unit no. 306, PP Trade Center, Plot no. P-1, Netaji Subhash Place, New Delhi-110035	Mob.:- 9634007 9 85/ 96349044 722	16.08.2 023
40.	DWC	DWC Pipes & Fittings (IS 16098:2016)	D-REX	M/s. Astral Poly Technik Limited 207/1, Astral House, B/h Rajpath Club, Off. S. G. Highway, Ahmedaba d- 380059	Mob.:- 8108783 8 49	29.02.2 024
41.	Chemicals	Constructio nChemicals	“MCON”	M/s. MCON RASAYAN PVT.LTD. Gala No. 6, Bardanwala Estate, Bandiwali Hill road, Jogeshwari (W), Mumbai- 400102	(022)- 26790031	10.02.2 022
42.	Chemicals	Constructio nChemicals	“SUNAND A”	M/s. Sunanda Speciality Coatings Pvt. Ltd, Satyadham Road no. 2, Sion (E), Mumbai – 400 022	(022)- 24034130	24.02.2 022
43.	Chemicals	Constructio nChemicals	“SUNAND A”	M/s. Sunanda Speciality Coatings Pvt. Ltd, Satyadham Road no. 2, Sion (E), Mumbai – 400 022	(022)- 24034130	17.12.2 023
44.	Chemicals	Constructio nChemicals	“CICO”	M/s. Cico Technolgies Ltd., AC-10-B/11, Raj Laxmi Commercial Complex, Kalher-Bhiwandi Road, Thane- 421302	(022)- 27811913	23.07.2 022

45.	Chemicals	Construction Chemicals	“Dr. Fixit” & “ROFF”	M/s. Pidilite Industries Limited, Marketing Division, Ramkrishna Mandir Road, Andheri (E), Mumbai- 400059	Mob.:- 8451802 4 82/ 88284271 30	13.08.2 022
46.	Chemicals	Construction Chemicals	“ASWANI”	M/s. Aswani Industries Private Limited, 2ND Floor, Office-25, TPS-4, FP-172, Ascon City, City Light Road, Surat, Gujrat – 395007	Mob.:- 9879506 9 18	22.10.2 022
47.	Chemicals	Construction Chemicals	“ASIAN PAINT SMARTC A RE”	M/s. Asian Paints Limited, Asian Paints House, 6A, Shanti Nagar Santacruz (E), Mumbai- 400055	(022)- 62181000	03.11.2 022
48.	Chemicals	Construction Chemicals	“CHRYSO ”	M/s. CHRYSO India Private Limited Plot No. D-30/7, TTC Industrial Area, MIDC Turbhe, Navi Mumbai-400705	Mob.:- 95949488 58	16.08.2 023
49.	Chemicals	Construction Chemicals	“HIND”	M/s. Hindcon Chemicals Limited 62B, Braunfeld Row, Vashudha, Kolkata- 700027	(033)- 24490835 /39	02.01.2 023
50.	Chemicals	Construction Chemicals	“KRYTON”	M/s. Kryton Buildmat Co.Pvt. Ltd. 136-137, Centrum Plaza, Golf Course Road, Sector 53, Gurugram, Haryana-122002		10.11.2 023
51.	Chemicals	Construction Chemicals	“SHREE PRIMIX”	M/s. Shree Premix Industries, 104, Corporate Avenue, Near Udyog Bhavan, Sonawala Lane, Goregaon (East), Mumbai- 400063	(022)- 26853022 / 9821541 8 67/ 70459509 21	11.11.2 023
52.	Chemicals	Construction Chemicals	“PERMA”	M/s Perma Construction Aids Pvt. Ltd. 611/612 Nirmal Corporate Centre, Mulund (W) Mumbai-400080	(022)- 25903008	25.12.2 023
53.	Chemicals	Construction Chemicals	“BOXER”	M/s. Boxer Construction Chemicals, Sudhashil, B-31, Kalidas Colony, Satara Road, Tal- Koregaon, Satara-400072	Mob.:- 9850968 6 26	21.06.2 023

54.	Chemicals	Construction Chemicals	“FAIRMAT E	M/s. Fair Mate Chemicals Pvt. Ltd. 8/1, Sai Sudha, Arunoday Soc. Alkapuri, Vadodara (Gujrat)- 390007	(0265)- 2358173/ 2331193	22.03.2 024
55.	Chemicals	Construction Chemicals	“PAR”	M/s. Par Specialty Polymers Pvt. Ltd. Unit No-309, Turbhe Industrial Park, Plot no. C-56/1, TTC Industrial Area, Turbhe, Navi Mumbai- 400705	Mob.:- 9619515 5 66	18.05.2 024
56.	Chemicals	Construction Chemicals		M/s. Tiki Tar Danosa India Pvt. Ltd. Tiki tar state, Village Road, Bhandup (W) Mumbai- 078	(022)- 41266699	06.06.2 024
57.	Chemicals	Construction Chemicals		M/s. Rheoplast Technology Pvt. Ltd., 711, A Wing, Mainframe- 1, Royal Palm, 169 Aarey Colony. Goregaon (E), Mumbai- 400065	Mob.:- 8080444 0 30	10.10.2 024
58.	AAC Block	AAC Block	BIRLA AEROCON	M/s. HIL Limited, L7 Floor, SLN Terminus, Sy. No. 133, Beside Botanical Garden, Gachibowli, Hyderabad- 500 032, Telangana	Mob.:- 8600004 0 36	29.03.2 024
59.	AAC Block	AAC Block	MAGICRE TE	M/s. Magicrete Building Solutions Pvt. Ltd. 702, 22 Business Point, S. V. Road, Andheri (West), Mumbai- 400058	Mob.:- 9970465 2 15	22.06.2 024
60.	Ready to use Mortar	Ready Mix Mortar & Block Jointing Mortar	MAGICRE TE	M/s. Magicrete Building Solutions Pvt. Ltd. 702, 22 Business Point, S. V. Road, Andheri (West), Mumbai- 400058	Mob.:- 9970465 2 15	22.06.2 024
61.	Ready to use Mortar	Ready Mix Mortar & Block Jointing Mortar	“SILICOPL AST & SILICOFL EX”	M/s. Precise Conchem Pvt. Ltd., 202, The Great Eastern Chambers Premises, Plot-28, Sector-11, CBD Belapur – 400 614	(022)- 27562962 / +91- 93200586 35	26.03.2 023

62.	Ready to use Mortar	Ready Mix Mortar & Block Jointing Mortar	“KANERIA ”	M/s. Kaneria Plast Pvt. Ltd. 6TH Floor, Rohan Arcade, Off W.E.Highway, Dattani Park, Thakur Village, Kandivali (E), Mumbai- 400101	Mob.:- 82918924 01/ 82918924 14	25.10.2024
63.	Paints	External and Internal Paints	“PEARL/ COLORT E X/ KLASSIC / UNO/ INSPIRA	M/s. Godavari paints Pvt. Ltd., Tulsiram Gupta Mills Estate, Darukhana, Reay Road, Mumbai 400010	(022)- 23723227	05.02.2024
64.	Paints	External and Internal Paints	SNOWCE M	M/s. Snowcem Paints Private Limited, 702 A, Pranik Chambers, Saki Vihar Road, Andheri (E), Mumbai -400072	(022)- 28573551 / 2857270 0	25.10.2023
65.	Paints	External and Internal Paints		M/s. Advance Paints Pvt. Ltd. Advance House, Plot no. A, Ark Industrial Compound, Makwana Road, Marol Naka, Andheri (E), Mumbai - 400059	(022)- 28590162 /63/64	16.12.2023
66.	Paints	External and Internal Paints	“FAIRCO AT, FAIRTEX, FAIRSHINE, FAIRLOOK ”	M/s. Hindusthan Paints and products, 11-A New Empire industrial Estate, Kondivita road Andheri(E), Mumbai 400059	(022)- 28223341	06.05.2024
67.	Paints	External Paints	--	M/s. Dooall Corpro India Pvt. Ltd. 315, Bhaveshwar Arcade Annexe, LBS Road, Ghatkopar (West)-400086	Mob.:- 9820874 4 10	22.08.2024
68.	Paints	External and Internal Paints	--	M/s. Excel India Protective Paints Pvt. Ltd. A-33 & 34, MIDC Kulgaon, Badlapur, Thane-421503	Mob.:- 9892227 0 39 (0251)- 2695520	20.10.2024
69.	FRP Cover with Frames	Manhole cover with frames and Grating with Frames	“KK”	M/s, K. K. Manhole & Grating Co. Plot. No. A-47 & 119/120/129, STICE, Shirdi Road, Sinner, Nashik. Maharashtra - 422103.	(0253) - 2340556	02.09.2022
70.	SFRC Cover with Frames	Manhole cover with frames and Grating with Frames	“KK”	M/s, K. K. Manhole & Grating Co. Plot. No. A-47 & 119/120/129, STICE, Shirdi Road, Sinner, Nashik. Maharashtra - 422103.	(0253) - 2340556	20.04.2023

71.	SFRC Cover with Frames	Manhole cover with frames and Grating with Frames	"VIKRANT"	M/s. Vikrant Reinforced Products Pipewala Compound, Opp Unionbank, Near Chembur Police station, Chembur, Mumbai- 400074	Mob.:- 9869250844	06.09.2024
72.	FRP Cover with Frames	Manhole cover with frames and Grating with Frames	LANDMARK	M/s. Paras Plastics. B-9, Ground Floor, Hindsaurashtra Industrial Area, Andheri-Kurla Road, Andheri (East), Mumbai – 400059	Mob.:- 9833992557	05.05.2022
73.	FRP Cover with Frames	Manhole cover with frames and Grating with Frames	"EVERLAST"	M/s. Everlast Composites LLP, Gala No. 123, Blue Rose Industrial Estate, W.E. Highway, Borivali (E), Mumbai – 400066	(022)- 28704407	20.06.2022
74.	FRP Cover with Frames	Manhole cover with frames and Grating with Frames	"STRONG DRAIN"	M/s HP Adhesives Private Limited. 11, Unique House, Chakala, Andheri (East), Mumbai – 400099	Mob.:- 9867254925	13.08.2022
75.	Ductile iron Covers with Frames	DI Manhole covers with Frame and Gratings	"PLASMA"	M/s Plasma Alloys Pvt. Ltd. Survey No.196,N.H.27,Gondal Road Veraval (Shapar) Dist-Rajkot-360 024 Gujrat	(02827)- 253766 Fax- (02827)- 253966	29.11.2021
76.	Ductile iron Covers with Frames	DI Manhole covers & Frame and Gratings	"GOLDSTAR"	M/s. Gold Star Steels (P) Ltd. 53/A, Industrial Area, Bhanpuri, P.O. Birgaon, Raipur-493221,Chattisgarh	Mob.:- 9820317875	23.09.2022
77.	Ductile iron & Cast iron Covers with Frames	DI & CI Manhole covers with Frame and Gratings	"RBA"	M/s. RBA Exports Private Limited, 2/6, Sarat Bose Road, Central Plaza, Suit No. 606, 6TH Floor, Kolkata-700020	Mob.:- 9833992557	12.12.2022
78.	Ductile iron Covers with Frames	DI Manhole covers with Frame and Gratings	"NEXUS"	M/s. Nexus Cast S. R. No. 128, Plot 1, Gaurav Industrial area, Opp. 132 KV Substation, Nr. Sardar Chowk, Rajkot - 360024	Mob.:- 7021140973	01.11.2024
79.	Door Shutter & Frame	FRP Door Shutter & Frame	"LANDMARK"	M/s. Paras Plastics. B-9, Ground Floor, Hindsaurashtra Industrial Area, Andheri-Kurla Road, Andheri (East), Mumbai – 400059	Mob.:- 9833992557	05.05.2022
80.	Door Shutter & Frame	FRP Door Shutter & Frame	"SANCOM"	M/s. Sancom Composites LLP Gala No. 123, Blue Rose Industrial Estate,	Mob.:- 9323657415	17.03.2023

				W.E. Highway, Borivali (E), Mumbai – 400066		
81.	Door Shutter & Frame	uPVC Door & Window Frames	“YASHPOL Y	M/s. Yashashri Polyextrusion Ltd., Gat No. 436/C/2/3, Shahu Industrial Estate, Jaysingpur, Kolhapur-416101	(02322) 221622/9822060541	05.05.2022
82.	Door Shutter & Frame, Plywood, Block Board,	Flush, Panel, Fire retardant Wooden Doors, Plywood, Block board, Laminates, Veneer	“KALPTAR U	M/s. V. K. Patel & Co., G 2, 3, & 4, Mahesh Darshan, Near Makhmali Talao, old Agra Road, Thane (West) – 400601	8291973109/ (022) 25431548 / 9619935955	13.05.2024
83.	Modular Office Furniture	Furniture	“TAURUS”	M/s. Shandar Modular Systems Pvt. Ltd, Gat no. 94+100, Plot no. 11,12 & 13, Hicliiff Industrial Estate, Kesnand, off Wagholi (Nagar Road), Tal. Haveli, Dist- Pune	(020)-24533493 / 9881080134/ 9881082227	06.06.2022
84.	Railing	Aluminum Railing	ENDURAIL	M/s. Chemey Techsolutions LLP, 202-Campus Corner, Nr. St. Xavier’s Collage Corner, Navrangpura, Ahmedabad- 380009	Mob.:- 9925205552	15.08.2022
85.	Fire Door & Non Fire Door	Fire Door & Non Fire Door	“HORMAN N”	M/s. Shakti Hormann Pvt. Ltd. H. No. 2-67/1, (Survey No. 188, 198). Gagillapur, Dundigal Municipality, Mandal, Dist-Medchal (Malkajgiri), Telangana-500043	+(40)-27840394 /5	30.09.2024
86.	Geosynthetic Fibre	Non Woven Geo Textile, Geo Grid, Membrane, Mats, Nets	“JEEVAN”	M/s. Jeevan Products, Kailas Business Park, Kailas Complex, Powai Vikhroli Link road, Veer Sawarkar Marg, Park Site, Vikhroli (West), Mumbai – 400 079	Mob.:- 7045909372	02.01.2023
87.	Carbon Fibre & Glass Fibre	Carbon Fiber, Glass Fiber & Carbon Laminate Strips	“URJA”	M/s. Urja Products Pvt. Ltd., Survey No. 53, Inside Pirana Gate, Before Ode Village, Nr Cow Circle on outer Ring Road, Piplej-Pirana, Ahmedabad, Gujrat – 382427	Mob.:- 9821576279	19.01.2023
88.	Vinyl Flooring	Vinyl	“RESPONSIVE”	M/s. Responsive Industries Limited, Mahagaon Road, Betegaon Village, Boisar (East), Palghar-	(022)-66562727 /2704	19.01.2023

				401501		
89.	Cladding	Aluminium Composite Cladding (ACP)	“VIVA”	M/s. Viva Composite Panel (P) Ltd. Unit No. 7, New Tejpal Industrial Area, Andheri Kurla Road, Sakinaka, Andhri (E), Mumbai-400072	(022)-28500150 / 151/152	16.02.2023
90.	Cladding	Aluminium Composite Cladding (ACP)	“ALUDECOR”	M/s. Aludecor Lamination Pvt. Ltd., Suit no. 52, 5TH floor, R.N. Mukherjee Road, Kolkata- 700001, West Bengal	(022)-26866633 / 986757305	16.08.2023
91.	Cladding	Aluminium Composite Cladding (ACP)	“EUROBOARD”	M/s. Euro Panel Products Pvt. Ltd., 702, Aravali Business Centre, Ramdas Sutrale Road, Borivali (West), Mumbai-400092	(022)-29686500	11.11.2023
92.	Cladding	Aluminium Composite Cladding (ACP)	“SUPERBOARD”	M/s. Keybond Industries LLP, 17, Super House, Amar Brass Ind. Estate, CST Road, Santacruz (East), Mumbai-400092	(022)-66758380 / 8359	27.07.2024
93.	Precast RCC products	Precast RCC Drain, Box Culverts & Retaining wall	“FUJI”	M/s Fuji Silvertch Concrete Pvt. Ltd. 4TH Floor, House no. 5, Magnet Corporate Park, Nr. Sola Flyover, SG Road, Thaltej, Ahmedabad- 380054, Gujrat.	(079)-40210000 / 9833711834	01.11.2023
94.	Precast RCC products	Manhole Covers, Precast RCC Drain	“SUPER”	M/S Super Cement Article Plot. No. B-49, Behind Union Bank, NICE Area, Satpur MIDC, Nashik-422007	Mob.:-9869032374 / 9869085007	27.05.2024

Note: This list of approved building materials supersedes the earlier list of approved building materials. All the conditions mentioned in the letter of approval shall be scrupulously adhered to by the site engineering staff. In case of ISI marked brands, the latest valid BIS endorsement shall be insisted from the manufacturer. The valid list of approved Building Materials at the time of execution of works can be obtained from Dy. Ch. Eng. (B.M.) City's office OR MCGM portal under tab- Services --> Citizen Charters --> Chief Eng Building Maintenance OR under tab 'About Us--> Wards/Departments --> Chief Eng Building Maintenance--> Docs.

SD/-

13.01.2022

Dy. Ch. Eng. (B.M.) City

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:

- A. **“Corrupt Practice”** means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to, or employing, or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly, with the Bidding Process or the LOA or has dealt with matters concerning the Concession Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority,

shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or save and except as permitted under the relevant sub clause, engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOA or after the execution of the Concession Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Concession Agreement, who at any time has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project;

- B. **“Fraudulent Practice”** means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;
- C. **“Coercive Practice”** means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the Bidding Process;
- D. **“Undesirable Practice”** means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and
- E. **“Restrictive Practice”** means forming a cartel or arriving at any understanding or arrangement among Applicants with the objective of restricting or manipulating a full and fair competition in the Bidding Process.
- F. If the Employer / Financier determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Employer may, after giving 14 days’ notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of relevant Clause shall apply as if such expulsion had been made.

- G. Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with relevant Clause.

For the purposes of this Sub-Clause:

- i. “Corrupt Practice” is the offering, giving, receiving to soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. “Another Party” refers to a public official acting in relation to the procurement process or contract execution. In this context, “Public Official” includes Financer staff and Employees of other organizations taking or reviewing procurement decisions.
- iii. “Fraudulent Practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- iv. “Collusive Practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- v. “Coercive Practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- vi. “Obstructive Practice” is deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede the Financier investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and / or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- vii. Acts intended to materially impede the exercise of the Financer's inspection and audit rights provided.
- viii. "Party" refers to a public official; the terms "Benefit" and "Obligation" relate to the procurement process or contract execution; and the "Act or Omission" is intended to influence the procurement process or contract execution.
- ix. "Parties" refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non-competitive levels.
- x. a "Party" refers to a participant in the procurement process or contract execution.

SECTION -12

LIST OF APPROVED BANKS

LIST OF APPROVED BANKS

1. The following Banks with their branches in Greater Mumbai and in suburbs and extended suburbs up to Virar and Kalyan have been approved only for the purpose of accepting Banker's guarantee from 1997-98 onwards until further instructions.
2. The Bankers Guarantee issued by branches of approved Banks beyond Kalyan and Virar can be accepted only if the said Banker's Guarantee is countersigned by the Manager of a branch of the same Bank, within the Mumbai Limit categorically endorsing thereon that said bankers Guarantee is binding on the endorsing Branch of the bank within Mumbai limits and is liable to be on forced against the said branch of the Bank in case of default by the contractor/supplier furnishing the bankers Guarantee.

List of Approved Banks :-

A	S.B.I. and its subsidiary Banks
1	State Bank Of India.
2	State Bank Of Bikaner & Jaipur.
3	State Bank Of Hyderabad.
4	State Bank Of Mysore.
5	State Bank Of Patiyala.
6	State Bank Of Saurashtra.
7	State Bank Of Travankore.
B	Nationalized Banks
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.
C	Scheduled Commercial Banks
25	Bank Of Madura Ltd.
26	Bank Of Rajasthan Ltd.
27	Banaras State Bank Ltd.
28	Bharat Overseas Bank Ltd
29	Catholic Syrian Bank Ltd.
30	City Union Bank Ltd.
31	Development Credit Bank.
32	Dhanalakshmi Bank Ltd.
33	Federal Bank Ltd.
34	Indsind 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	KarurVysya 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.
D	Schedule Urban Co-Op Banks

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 G.S.B. 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 Vithal Co-Op Bank Ltd.
64	Mahanagar Co-Op Bank Ltd.
65	Citizen Bank Ltd.
66	Yes Bank Ltd.
E	Foreign Banks
67	ABM AMRO (N.Y.) Bank.
68	American Express Bank Ltd.
69	ANZ Grindlays 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 -13

**SPECIAL DIRECTIONS TO THE
TENDERER**

SPECIAL DIRECTIONS TO THE TENDERER

1. The rate quoted shall be inclusive of transporting and disposal of surplus excavated material.
2. The percentage quoted shall include the cost of any unforeseen item of work connected with the work in question required for the proper execution of the work.
3. The materials used shall confirm to the related ISI specifications as well as MCGM specified specification wherever applicable. Directives of Engineer concerned will be binding.
4. 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.
5. Policy for governing Extra/Excess shall be as per prevailing policy of MCGM vide circular no. CA(F)/Projects/31 dated 26/10/2020 as updated is applicable.
6. 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.
7. Contractor will have to make their own arrangement for getting the electric supply / temporary electric meter on site for fabrication and allied works at their own cost.
8. The contractor shall intimate the concerned authorities before starting the work and execute the work on 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.
9. 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.

10. While excavating the trenches for foundation utmost care shall be taken that the foundation of adjoining structures will not be disturbed.
11. Materials brought on the site or debris will not be allowed to be stacked in passages or in the car park area.
12. 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.
13. 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.
14. The centering shall be provided only in M.S. plates and M.S. pipe props.
15. Engineer in-charge reserves the right to delete any item, alter / reduce the scope of the work, no extra claim in this respect will be allowed.
16. Water Proofing Treatment layer should not be removed manually, the layers have to be removed by battery operated cutter only. No extra payment will be made.
- ~~17. Staircase will not be allowed for transport of materials and contractor will have to provide mechanical lift or pulley at their own cost. No extra payment will be made for this arrangement.~~
18. 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 with prior approval from Engineer in-charge.
19. 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.
20. 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 & lighting arrangement.

The contractor has 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 MCGM 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.

21. 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 and as prescribed by MCGM as per circular no. CE/PD/7788/I dt.05/11/2008.
22. Regarding implementation of the construction and demolition waste management rule 2016, the circular u/no. Dy.Ch.E./SWM/3957/IO Dt.28.09.2018 shall be applicable for this tender work.
23. The serviceable material of MCGM obtained during work, such as M.S. Grills, reinforcement, structural pipes & MS props if provided etc. shall be handed over in the custody of concerned A.E. (Maint) of concerned ward by taking & maintaining the proper inventories of the serviceable materials.
24. Tenderer/bidders shall take proper care while carrying out repairing work of electrical cabins as switchgears & other electrical items needs to be shifted carefully to avoid any mishap, theft & to have continuous supply on site in consultation with Ch.E(M & E) staff.
25. No extra payment shall be made to make appropriate provision to close door, window & opening as and where necessary to avoid

- breakage of glass and entry of dust during operation using 6 mm commercial plywood. Contractor shall quote the tender by taking note of it.
26. Appointment of licensed structural engineer shall be done by successful bidders for execution of work. However, no payment will be permitted to such licensed structural engineer by MCGM.
- a) Contractor shall appoint / avail the services of Structural Engineer registered with MCGM to supervise / periodically supervise the structural repair work at his own cost and submit his consent along with his registration / license certificate before starting the work.
- b) The above said registered structural engineer shall issue a certificate after completion of structural repair work certifying that the structural repairs have been carried out under his supervision and the repairs are carried out satisfactorily according to him as per structural audit report. This certificate should also state that the structure after repairs is stable and fit for human habitation (i.e. structural stability certificate).
27. No extra payment shall be paid for removing and refixing of windows MS grill / aluminium grill. Contractor shall quote the tender by taking note of it.
28. Work of Deco-grill shall not be allowed in view of circular to this effect.
29. The contractor shall carry out periodic medical checkup of employees working under him.
30. Penalty to the contractor shall be as per the recent GCC.
- ~~31. 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 & specifications with slogans and department wise colour codes.~~

32. The rates of testing fees of building material at Municipal laboratory shall be paid as per schedule in force as mentioned in MCGM's circular u/no. Ch.E./Vig/3898/13dt.21.03.2018.
33. Contractor shall provide a Personal Computer/ Laptop of latest configuration with internet facility, at site for day to day work, for Municipal staff.
34. Construction /alteration work of the existing building to be carried out floorwise. For each floor, the structural strengthening will be carried out first followed by the civil works, services, partitions, the furniture works and finishing works. However, the coordination for all activities will be done by the Municipal Architect from the beginning so that the proposed layout and design is executed.
35. In case of non-satisfactory/failed results of 28 days concrete compressive strength, if 28 days concrete cube compressive strength test samples at MTL/ private NABL accredited labs are not satisfactory/failed; in such circumstances, the re-assessment of strength of concrete shall invariably to be done only at Municipal Testing Laboratory(MTL) by joint witness by the officer not below the rank of Assistant Engineer of the project and the representative of the contractor for assurance and acceptance of the strength of concrete work.

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 construction of _____

General condition of contract for Civil Works of the Municipal Corporation
of Greater Mumbai effective from 2016.

Notice inviting tender.

- a. Directions to tenderers (General and special)
- b. General condition of contract for Civil Works - 2016 of the
Municipal Corporation of Greater Mumbai as amended up to
date.
- c. Relevant drawings
- d. Specifications.
- e. Special directions
- f. Annexure A and B.
- g. 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 here by 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. 1,10,000.00/- (Rupees One Lakhs Ten Thousand Only)**

(a) 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 120 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 fulfil 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 ofA/c

all the partners constituting the Firm	No.....
1	Name of the branch
2
3	Name of the branch
4
5	Vendor No.....

AGREEMENT FORM

Tender / Quotation

Dated 20...

Standing Committee / Education Committee Resolution

No.

CONTRACT FOR THE

WORKS

.....

.....

This agreement made this day
of

Two thousand Between

.....

.....

inhabitants of Mumbai, carrying on business
at.....

.....

in Bombay under the style and name of
Messrs

..... (Hereinafter called

“the contractor of the one part and
Shri

.....

the Director(E.S.&P.) (hereinafter called “the commissioner” in which
expression are included unless the inclusion is inconsistent with the
context, or meaning thereof, his successor or successors for the time being
holding the office of Director (E,S.&P) of the second part and the 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 AGREEMENT WITNESSETH as follows:-

1.A.1.1.1.1.1 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:-

1.A.1.1.1.1.2 The following documents shall be deemed to form and be read and constructed as a part of this agreement viz.

- a. The said Tender
- b. The Drawings
- c. The Specifications
- d. General condition of contract for Civil Works-2016 of the Municipal Corporation of Greater Mumbai as amended up to date

3. In consideration of the payments to be made by the Commissioner to the contractor as hereinafter mentioned the contractor hereby covenants with the Commissioner to construct, complete and maintain the works in conformity in all respects with the provision of the contract.

4. The Commissioner hereby covenants to pay to the Contractor in consideration of the construction, completion and maintenance of the works the contract sum, at times and in the manner prescribed by the contract.

IN WITNESS WHERE OF the parties hereto have caused their respective common seals to be herein to affixed (or have hereunto set their respective hands and seals) the day and year above written.

Signed, Sealed and delivered by the
contractors

In the presence of

Trading under the name and
style of

Full Name

Address

Contractors

Signed by the Director (ES&P) in the Ex. Eng (Str) City/ WS/ ES
presence of

Director (ES&P)

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 / Education Committee of the Municipal Corporation.

1.

1.

2.

2.

And in the presence of the
Municipal Secretary

Municipal Secretary

ANNEXURE - A

Name of Work :-		Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.	
1.	The Engineer for this work will be	Municipal Architect Dy. Municipal Architect (W.S.)	
2.	Estimated cost of Tender		
a.	Furniture and Civil Works (A)	Rs.	66,45,108.00/-
	Electrical Works (B)	Rs.	39,77,941.00/-
	CSMC charges for M&E works (C)	Rs.	3,70,674.12/-
	Total	Rs.	1,09,93,723.12/-
3.	Earnest Money (1% of the Estimated cost in the form of D.D.)	Rs	1,10,000.00/-
4.	Time Period		
1.	Contract as a whole Period completion	02 months (* Inclusive of Monsoon)	
**2.	Part or Groups of items		
	i)	i)	
	ii)	ii)	
	iii)	iii)	
5.	Defect Liability Period		
	General	i)	03 years
	Structural	ii)	05 years
	Waterproofing	iii)	05 years

Percentage to be charged as supervision charges for the work got executed through other means 10 percent.

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 condition no. 74 of these conditions as amended up to date.

- 1.** In case of item rate contracts the actual cost calculated for the work executed at the rates mentioned in the contract schedule for different items including cost of excess and extra items of the work excluding the cost of water charges and sewerage charges if any, payable by the contractor and excluding cost on account of price variation claims as provided in extra excess conditions as amended up to date.
- 2.** In case of lump sum contract the cost of the work actually carried out as per break up and 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

On Rs. 500/- stamp paper

PRE-CONTRACT INTEGRITY PACT

Bid no.

Tender doc. No.....

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 MCGM, 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 MCGM 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 MCGM 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 MCGM 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:

- “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.

Signature of Tenderer / Bidder

ANNEXURE - C

(On Rs. 500/- Stamp paper)

DECLARATION CUM-INDEMNITY BOND

I, _____ Of _____
_____ do hereby declared and undertake as
under.

- 1) I declared that I have submitted certificates as required to Executive Engineer (Monitoring) at the time of registration of my firm/ company _____ and there is no change in the contents of the certificates that are submitted at the time of registration.
- 2) I declared that I _____
_____ in capacity as Manager / Director / Partners / Proprietors of _____ has not been charged with any prohibitory and /or penal action such as demotion, suspension, black listing / de-registration or any other action under the law by any Government and/ or Semi Government and/ or Government Undertaking.
- 3) I declared that, I have perused and examined the tender document including addendum, condition of contract, specification, 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 _____.
- 4) I further declared 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 MCGM is entitled to carry out the work allotted to me by any other means at my risk and cost, at any stage of the contract.

- 5) I also declared that I will not claim any charge / damages / compensation for non availability of site for the contract work at any time.
- 6) I Indemnify Municipal Commissioner and the other officers of MCGM 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 MCGM.

Dated day _____ of , 20 ____

Identified by me,

Proprietor/Partners/Directors/POA holder
(Seal of Firm/Co.)

Advocate

Before me

ANNEXURE - D

Rate Analysis

Item Description

Sr. No.	Description of Rate Analysis Parameter	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 & Seal of the Tenderer

BANKERS GUARANTEE IN LIEU OF TENDER &
CONTRACT DEPOSIT FOR WORK

THIS INDENTURE made this _____ day of _____ BETWEEN
THE _____ BANK incorporated under the English/Indian
Companies Acts and carrying on business in Mumbai (hereinafter referred
to as 'the bank' which expression shall be deemed to include its
successors and assigns) of the first part _____
_____ inhabitants
carrying on business at _____ in Mumbai under
the style and name of Messer's _____(hereinafter referred to
as 'the contractors') 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 contractors have
submitted to the Commissioner tender for the execution of the work of
" _____
_____ and the terms of such tender /
contract require that the contractors shall deposit with the Commissioner
as 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 contractors 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
contractors, 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 contractors are

constituents of the Bank and in order to facilitate the keeping of the accounts of the contractors, the Bank with the consent and concurrence of the contractors 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 contractors (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 and _____
address _____

WITNESS(2)_____

Name and _____ the duly constituted Attorney
Manager

address _____

the Bank and the said Messer’s _____

_____ (Name of the Bank)

WITNESS(1)_____

Name and _____

address _____

WITNESS (2)_____

Name and _____ For Messer's _____

address _____

have here into set their respective hands the day and year first above written.

The amount shall be inserted by the Guarantor, representing the Contract Deposit in Indian Rupees.

MUNICIPAL CORPORATION OF GREATER MUMBAI

Office of the DMC CPD,
Central Purchase Department,
566, N.M. Joshi Marg, Byculla, Mumbai – 400 011.

No. DyChE/CPD/2025 / Date: 01.09.2021

CIRCULAR

Sub: Formation of Grievance Redressal Committee (GRC) to address grievances from bidders.

Ref : MGC/F/4961 dtd.09.08.2021.

Hon. M.C.'s accorded sanction under reference to form Grievance Redressal Committee (GRC) to address grievances from the bidders regarding the responsiveness/non-responsiveness in Packets 'A', 'B' or 'C' in all the tenders. Therefore, all HOD's are requested to incorporate following condition in all the tenders.

Grievance Redressal Committee (GRC)

1. If a Bidder is not satisfied with the decision of responsiveness/non responsiveness in Packets 'A', 'B' or 'C' by the concerned HOD, he may appeal to D.M.C.(C.P.D.) by paying fee of Rs.25,000/-.
2. D.M.C.(C.P.D.) will assign the work of co-ordination of various activities and administration work of G.C.R. to nominated Registrar – Shri. Uday B. Mande.
3. The Committee for hearing grievances and passing orders will be constituted as follows:
 - a. The Committee will comprise of D.M.C. / Director / Jt.M.C. of tender inviting department and D.M.C./Director/Jt.M.C. of the department for which tender is being invited.
For example, if tender is invited by C.P.D. dept, for K.E.M. Hospital then the Committee will be of DMC(CPD) and DMC(PH).

- b. In case the tender inviting department and department for which tender is being invited are same then the concerned DMC / Director / Jt.M.C. of the same department and DMC(CPD) will be the members of the Committee.

For example, if tender is invited by Dean (KEM) for KEM Hospital then the Committee will be DMC(PH) and DMC(CPD).

In tabular format:

Tender inviting Department	Work belonging Department
DMC (CPD) or D.M.C. / Director / Jt.M.C. of the Concerned Department	Concerned D.M.C. / Director / Jt.M.C.

4. In case the work is pertaining to various department then concerned D.M.C. / Director / Jt.M.C. having major contribution of work will be one of the member of the Committee.
5. The Committee will hear the grievances of bidder within 30 days on receipt of bidder's application and will pass an order within 45 days.
6. If Bidder is not satisfied with the decision of the above Committee, he may appeal to the concerned Addl. Municipal Commissioner of Tender Inviting Department. The Addl. Municipal Commissioner will hear the case within 45 days from the date of receipt of application for second appeal from the bidder and will pass the order within 60 days.

Sd/-27.07.2021
Dy ChE (Civil) CPD

Sd/-27.07.2021
D.M.C. (C.P.D.)

Sd/-30.07.2021
A.M.C. (W.S.)

Sd/-06.08.2021
Hon'ble M.C.

PROFORMAS

PROFORMA - I

The list of similar works as stated in Para 'A' of Post qualification during last seven years–

PROFORMA - I												
Sr. No	Name of the Project	Name of the Employer	Date of starting of work	Stipulated/Actual Date of Completion	Actual cost of work done in Rs. (year-wise)							
					14-15	15-16	16-17	17-18	18-19	19-20	20-21	Total
1												
2												
3												

NOTE:

- Scanned Attested copies of completion / performance certificates from the Engineer-in-Charge for each work should be annexed in the support of information furnished in the above proforma.
- Works shall be grouped financial year-wise.

PROFORMA - II

Yearly turnover of Furniture Works during the last five years.

PROFORMA - II					
Sr. No.	Financial Year	Annual Turnover of Civil Engineering Works	Updated value to current year	Maximum of last 5 years	Page No.
1					
2					
3					
4					
5					
Total					

NOTE: The above figures shall tally with the audited balance sheets uploaded by the tenderers duly certified by Chartered Accountant.

PROFORMA - III

Atleast similar work, as stated in para 'A' of Post Qualification,

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

PROFORMA - IV (PERSONNEL)

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

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

PROFORMA - V/A (MACHINERY)

PROFORMA - V/A				
Sr. No.	Equipment	No.	Owned / Leased / Assured Access	Documents at Page
1	2	3	4	5

PROFORMA - V/B

PROFORMA - V/B				
Sr. No.	Equipment	No	Owned	Documents at Page
1	2	3	4	5

Note: The tenderer(s) shall furnish/upload the requisite Scanned Attested documents of ownership/leased of machineries. The undertaking from the suppliers will not be accepted.

PROFORMA - VI/A

Details of Existing Commitments and Ongoing Works –

PROFORMA VI/A							
Description of work	Place	Contract No. & Date	Name & Addresses of employer	Value of Contract in Rs.	Scheduled date of completion	Value of work remaining to be completed	Anticipated date of completion
1	2	3	4	5	6	7	8

Note: Scanned Attested copies of completion/performance certificates from the Engineer-in-Charge for each work should be annexed in the support of information furnished in the above proforma.

PROFORMA - VI/B

Details of works for which bids are already uploaded –

PROFORMA - VI/B						
Description of work	Place	Name & Addresses of 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 shall be annexed.

Annexure-A

Irrevocable Undertaking

(On Rs. 500/- Stamp paper)

I Shri/Smt..... aged,
years Indian Inhabitant. Proprietor / Partner / Director of
M/S Resident
at do hereby give Irrevocable
undertaking as under

- 1.a. I say & undertake as specified in section 171 of GST Act, 2017 any reduction in rate of tax on supply of goods or services or the benefit of input tax credit shall be mandatorily passed on to MCGM by way of commensurate reduction in prices.
- 1.b. I further say and undertake that I understand that in case the same is not passed on and is discovered at any later stage, MCGM shall be at liberty to initiate legal action against me for its recovery including, but not limited to, an appeal to the Screening Committee of the GST Counsel.
- 1.c. I say that above said irrevocable undertaking is binding upon me/my partners/company/other Directors of the company and also upon my/ our legal heirs, assignee, Executor, administrator etc.
- 1.d. If I fail to compliance with the provisions of the GST Act, I shall be liable for penalty/punishment or both as per the provision of GST Act.

Whatever has been stated here in above is true & correct to my/our own knowledge & belief.

Solemnly affirmed at

DEPONANT

This day of **BEFORE ME**

Interpreted Explained and Identified by me.

MUNICIPAL CORPORATION OF GREATER MUMBAI

CIRCULAR

U/No.MGC/F/6342 dated 5.5.2018

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

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

- A. Water/sand fillable PVC Metro barricades.
- B. RW 7.45 (G.I. sheets of 22 gauge fixed on 3 inch dia. Wooden bullies buried in existing road sufficiently)
- C. RW 7.36 (G.I. sheets of 22 gauge fixed on MS Angle post buried in half the depth in drums of 20 litres capacity in 1:3:6 concrete)
- D. Structural steel barricade for major trenches having depth more than 2.00 meters.

Thus from the above, it can be seen that there is no uniformity in provision of barricades as they are of different size and shape. Further it is also observed that the continuity is not maintained in providing the barricading keeping gaps in between thus endangering the safety of vehicular as well as pedestrian traffic. Also the barricades are not being cleaned, thus further adding to shabbiness. Further Mumbai being the financial capital of India, people from all over the world visit the city daily and to maintain good image of city the following decisions are taken.

- A. Only two types of barricade having department wise colour coding are proposed to be used depending upon the nature of works. i.e. Minor and Major.
- i. Minor Works
Barricading made out of 1.5mm thick MS plate fixed on MS angle post / frame of 65mm x 65mm x 6mm having height of 1.5m supported on as shown in Annexure – I.
 - ii. Major Works
Structural Steel barricade made out of 1.5mm thick MS plate ISMB 250, ISLC 250x 50mm and ISA 50mm x 50mm x 6mm having size of 2.5m x 2m as shown in Annexure – II.
- B. The department wise colour coding for barricading shall be as under:-
- i. HE & WSO Department – **Blue**.
 - ii. Road, Traffic, Bridges and Costal Road Department – **Yellow**.
 - iii. SP & SO Department – **Green**.
 - iv. SWD, Building Maintenance Department& for Ward Works - **Red**
- C. The basic principal behind installing secured and continuous barricading is to ensure the safety of vehicular as well as pedestrian traffic and residents in the nearby vicinity of the project. Due to Non installation of appropriate barricades on site, if any mishap occurs leading to injury or loss of life, then the Contractor and Contractor’s Engineer-in-Charge will be liable for the consequent action.
- D. During the course of execution of the project, if it is noticed that the contractor has not provided barricading then a penalty of Rs 1000/- per meter per day will be imposed upon the contractor and will be deducted from the due bill. This penalty shall be a part of penalty as per tender condition.
- E. Details of the work shall be prominently display on the central panel of the barricades alongwith the Social Slogans as given in Annexure III and the Cycle of the same shall be maintained.

- F. The contractor shall provide and install the barricading alongwith the slogans as given in Annexure III, at his own cost and no payment will be made for this, however the contractor shall quote the bid accordingly by considering the cost of barricading.

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

“Barricading shall be provided free of cost as per circular vide u/no MGC/F/ 6342 dated 05.05.2018 and as per Annexure I, II and III of Standard Drawings and specifications with slogan and department wise colour codes.” The copy of circular will be attached to the tender as a part of tender document.

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

This circular shall come in force with immediate effect.

Sd/- 20.04.2018
(Shri V.P. Chithore)
Director (ES&P)

Sd/- 20.04.2018
(Shri R.B. Bambale)
DMC (SE)

Sd/- 21.04.2018
(Shri Vijay Singhal)
AMC (ES)

Sd/- 21.04.2018
(Dr. Shri Sanjay Mukherjee)
AMC (P)

Sd/- 05.05.2018
(Shri Ajoy Mehta)
M.C.

Sd/- 16.05.2018
(Shri P.R. Kadam)
DMC (SE)

**FURNITURE + CIVIL WORKS
AND ELECTRICAL WORK
B.O.Q.**

(B.O.Q. of Furniture + Civil works and Electrical work is
attached at the end of this tender document)

MUNICIPAL CORPORATION OF GREATER MUMBAI

Planning of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.

SR. NO.	ITEM REF		DESCRIPTION	QTY	UNI T	RATE	AMOUNT
FURNITURE AND CIVIL WORK (A)							
		ET	EXECUTIVE OFFICE TABLE				
			Providing and fixing of Modular table with fixed pedestal having 2 book drawers and 1 file drawer. Table top shall be made of 25mm thick plain particle board (Interior Grade), FIRE RETARDENT laminate on all sides / surfaces. Sides in 25mm particle boards (Interior Grade). All boards components like top, sides etc. are finished with 2mm thick machine pressed PVC edge banding in matching colour. (Rehau Make/or Equivalent) for better impact resistance. Other components like modesty panels of 600mm height (apron) shall be made of 18mm thick both side pre laminated particle board (Interior Grade) in approved colour and shade as per pre-approved sample.				
			Fixed Pedestal Unit				
			Width of drawer unit shall be of standard size of 450mm. Drawer tray shall of 18 mm thk Pre laminate Particle boards (Interior Grade) completely (bottom included) of size suitable to accommodate telescopic glides for smooth operation All visible edges of drawer trays shall have 2mm thk edge banding to match the colour of the fascia. Inside edge of trays shall have 0.8mm thk PVC edge banding to match the colour of the tray. Front Central lock to be provided for locking all drawers. Aluminium furniture feet – Round tube, diameter 40 mm with 10 mm height adjustable with steel mounting plate with suitable finish to match handles, 'C' Shape SS Brush finished handles as indicated in the drawing, suitable locking				
			Accessories				
			Key Board Tray -Size: - Width: 600mm, Depth: 270, Height: 70mm keyboard pullout tray made up of durable ABS (Acrylonitrile Butadiene Styrene) material provided with sliding telescopic channels. The tray hanged below the top by steel MS brackets. Finish: All steel components should be epoxy powder coated with seven tanks anti corrosion pre-treatment of surface. ABS wire managers to be provided wherever required for the table top.				
			CPU Trolley: Size: - Width: 180mm Depth: 245mm, Height: 210mm Made up of press formed MS CR sheet Finish provision for height & width adjustment. All steel components should be epoxy powder coated with seven tanks anti corrosion pre treatment of surface. (Coating thickness 50 to 60 micron).				
1	FA-MA-2018-21	ET.2	1800 X 900 X 750	2.00	No.s	22,228.00	44,456.00
2	FA-MA-2018-25	ET.6	2100 X 900 X 750	1.00	No.s	24,345.00	24,345.00
		ST	STAFF OFFICE TABLE				
			Providing and fixing of Modular table of required size. Table top shall be made of 25mm thick plain particle board (Interior Grade), FIRE RETARDENT laminate on all sides / surfaces. Sides in 25mm Pre laminate Particle boards (Interior Grade). All boards components like top, sides etc. are finished with 2mm thick machine pressed PVC edge banding in matching colour. (Rehau Make/or Equivalent) for better impact resistance. Other components like modesty panels of 600mm height (apron) shall be made of 18mm thick both side pre laminated particle board (Interior Grade) in approved colour and shade as per pre-approved sample.				
			Accessories				
			Key Board Tray -Size: - Width: 600mm, Depth: 270, Height: 70mm keyboard pullout tray made up of durable ABS (Acrylonitrile Butadiene Styrene) material provided with sliding telescopic channels. The tray hanged below the top by steel MS brackets. Finish: All steel components should be epoxy powder coated with seven tanks anti corrosion pre-treatment of surface. ABS wire managers to be provided wherever required for the table top.				

			CPU Trolley: Size: - Width: 180mm Depth: 245mm, Height: 210mm Made up of press formed MS CR sheet Finish provision for height & width adjustment. All steel components should be epoxy powder coated with seven tanks anti corrosion pre treatment of surface. (Coating thickness 50 to 60 micron).				-
3	FA-MA-2018-02	ST.2	1050 x 600 x 750	3.00	No.s	7,979.00	23,937.00
4	FA-MA-2018-03	ST.3	1200 x 600 x 750	23.00	No.s	8,549.00	1,96,627.00
5	FA-MA-2018-06	ST.6	1500 x 750 x 750	5.00	No.s	11,256.00	56,280.00
		SBC	SIDE / BACK CREENZA (750mm)				-
			Providing and supplying Modular side unit made up of required size. Top made of 25mm thick plain particle board (Interior Grade), having post formed decorative laminate of 0.8mm on top and FIRE RETARDENT laminate on all sides / surfaces. Sides, Bottom, shelf made in 18mm & shutter made in 12mm thick particle boards (Interior Grade). Shelf to be placed on standard shelf pins, adjustable to 2 alternate heights. All the exposed edges of Sides, Shutters, Bottom, and shelf shall be finished with 2mm thick machine pressed PVC Edge banding. Storage Back made of 9mm thick pre laminated particle board etc. Hardware set to include 110 degree opening self-closing box hinges, Counter Sunk screw, S.S.Brush Finished, Handles L' Clips Selves support. Multipurpose lock, Levelling Bolt with inserts etc. Aluminium furniture feet – Round tube, diameter 40 mm with 10 mm height with suitable finish to match handles" Shape SS Brush finished handles as indicated in the drawing, suitable locking provision.				-
6	FA-MA-2018-81	SBC.2	1200 x 500 x 750	8.00	No.s	9,974.00	79,792.00
7	R2-CS-RM-119	HB	HIGH BACK CHAIR	9.00	No.s	6,490.00	58,410.00
			Providing and supplying center pivot, revolving, High back chair Depth-45cm, width-50cm, height- 121cm to 131cm & seat height 45cm to 55cm. (+/- 2cm) with five legged metal /moulded nylon base with push back arrangement. Chairs shall have high density moulded, 360 revolving on suitable base, gas lift , heavy duty twin wheel castors to take min 80 kg/castor with two - pneumatic height adjustment one piece moulded type polypropylene armrest. The chair shall be provided with approved tapestry upto Rs 300/m with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder Coated.				-
8	R2-CS- RM-120	MB	MID BACK CHAIR	38.00	No.s	4,130.00	1,56,940.00
			Providing and supplying center pivot, revolving, Mid back chair Depth-45cm, width-50cm, height- 105cm to 115cm & seat height- 45cm to 55cm. (+/- 2cm) with five legged metal /moulded nylon base with push back arrangement. Chairs shall have high density moulded , 360 revolving on suitable base, gas lift , heavy duty twin wheel castors to take min 80 kg/castor with two - pneumatic height adjustment one piece moulded type polypropylene armrest. The chair shall be provided with approved tapestry upto Rs 300/m with necessary beading wherever required. All metal work shall be Epoxy Polyester Powder Coated.				-
9	R2-CS- RM-122	VC	VISITORS CHAIR	73	No.s	4720	3,44,560.00
			Providing and supplying visitor chair having size Depth-62cm, width-55cm, height-80cm & seat height 45 cm. (+/- 2cm), having seat & back, shall be made up of 1.2 cm hot pressed plywood, approved tapestry upto Rs.300/m and mould polyurethane foam with P.V.C. lipping all around. The chair shall be provided with two one piece armrest made of polypropylene. The chair shall be supported by cantilever type powder coated tubular frame dia 2.54cm x 14 B G M.S.E.R.W. tube. All aluminium steel component shall have Epoxy Polyester Powder Coated. Dry film thickness shall be more than 45 Micron.				-
10	FA-MA- 2018-86	PU	PEDESTAL DRAWER UNIT	39.00	No.s	6,107.00	2,38,173.00

			Providing and supplying Modular Pedestal unit with 3 drawers of required shape and size, 560 x450 x 650 mm LxWxH. Top made of 18mm thick plain particle board (Interior Grade), having postformed decorative laminate of 0.8mm on top and 0.6mm balancing laminate on unexposed face. Sides in 18 mm both side Prelaminate Particle boards (Interior Grade) and Back made of 9mm thick both side prelaminated particle board, finished with 2 mm thick machine pressed PVC edge band on all edges. Width of drawer unit shall be of standard size of 450mm. Drawer tray shall be of 12 mm thk both side Prelaminate Particle boards (Interior Grade) bottom included, of size suitable to accommodate telescopic glides for smooth operation. All visible edges of drawer trays shall have 2mm thk edge banding to match the colour of the fascia. Inside edge of trays shall have 0.8mm thk PVC edge banding to match the colour of the tray. Front Central lock to be provided for locking all drawers with all necessary hardware fittings, castors, handles etc.				-
11	FA-MA-2019-01		File Cabinet of size 470mm X 600mm X 1350mm (+/- 25mm) with 4 numbers of drawers.	25.00	No.s	13,706.00	3,42,650.00
			Filing cabinet shall be made from MS CRCA sheet of minimum 20 SWG with overall size 470mm X 600mm X 1350mm (+/- 25mm) with 4 numbers of drawers. The front and rear supports of sides of the cabinet to be of 80mm wide M.S Sheet double construction for greater strength and stiffness. Each drawer shall have high quality precision ball slide with 1.4mm wall thickness or in case the arrangement is telescopic then the telescopic section of the slides should be flat on smooth hard frictionless steel balls and shall carry load of 40 kgs UDL for 75,000 cycles. Drawers shall have centralised locking arrangement with 10 lever cam lock & having anti tipping arrangement to ensure that when one drawer is opened for use, it does not allow other drawers to be opened. The drawers to have easy to grip full length handles recess integrated into metal drawer fronts and a chromium plated label holder should also be provided on each drawer front. Each drawer is to be fitted with compressor plate sliding smoothly in a groove that keeps the file in vertical position thereby affording easy instant reference. The unit shall be epoxy polyester powder coated to the thickness of 50 microns in approved colour.				-
		CB	MODULAR STORAGE CUPBOARDS				-
			Providing and supplying Modular CUPBOARD made up of required size. Top made of 25mm thick plain particle board (Interior Grade), having post formed decorative laminate of 0.8mm on top and FIRE RETARDANT laminate on all sides / surfaces. Sides, Sides in 25mm thk both side particle boards (Interior Grade). Adjustable shelf made in 25mm thk both side pre laminated particle board (interior grade) placed on standard shelf pins. Storage Back made of 9mm thick particle board etc. Sides, Shutters, Bottom, adjustable shelf, finished 2mm thick machine pressed PVC Edge banding of required size etc. Hardware set to include 110 degree opening selfclosing box hinges, Counter Sunk screw, S.S.Brush Finished, Handles L' Clips Selves support. Multipurpose lock, Levelling Bolt with inserts etc. Aluminium furniture feet – Round tube, diameter 40 mm with 100 mm height with suitable finish to match handles" Shape SS Brush finished handles as indicated in the drawing, suitable locking provision.				-
12	FA-MA-2018-88	CB.2	900 x 450 x 1350 - 2 SHELVES	5.00	No.s	13,536.00	67,680.00
13	FA-MA-2018-89	CB.3	900 x 450 x 1500 - 3 SHELVES	4.00	No.s	14,961.00	59,844.00
14	FA-MA-2018-91	CB.5	900 x 450 x 1800 - 4 SHELVES	9.00	No.s	17,953.00	1,61,577.00
			CABIN SOFA				-

			Providing and supplying wooden sofa made with minimum 19mm. ply structure and internal frame work made of C.P. teak / Maranti wood seat made with minimum 19mm. ply and cushion made with foam of 150mm thick - 32 density on seat covered with 14mm thick - 18 density foam. Back made with wooden frame of minimum 50mm X 40mm with 4 mm. ply and covered with foam of 100mm thick - 32 densities covered with 14mm thick - 18 density foam for back extra support to the shape all foam of seat and back covered with tapestry approved by E-I-Charge. (Basic rate Rs. 450/- metre.) Handle made with wooden frame with box of 12mm. ply covered with 14mm thick - 18 density foam with tapestry.				-
15	FA-MA-2018-97	CS.2	2 seater	4.00	No.s	26,360.00	1,05,440.00
16	FA-MA-2018-98	CS.3	3 seater	2.00	No.s	39,896.00	79,792.00
		CORT	CORNER				-
			Providing and supplying centre table of required size with top made of 8mm thick bevelled glass and under structure made of 18mm thick both side pre laminated particle board (Interior Grade) with all exposed edge asre finished with 2mm thick machine pressed PVC edge banding in matching colour. (Rehau Make/or Equivalent) for better impact resistance. Nylon button stopper to hold glass top in position, Nylon bushers etc.				-
17	FA-MA-2018-76	CORT.1	450 X 450 X 450	5.00	No.s	3,623.00	18,115.00
			CENTER TABLE				-
			Providing and supplying centre table of required size with top made of 8mm thick clear toughened glass with bevelled edge from bottom edge of the glass border and vertical edge with polish.Understructure made of 25mm thick both side pre laminated particle board (Interior Grade) with all exposed edge finished with 2mm thick machine pressed PVC edge banding in matching colour. (Rehau Make/or Equivalent) for better impact resistance. Nylon button stopper to hold glass top in position, Nylon bushers etc.				-
18	FA-MA-2018-73	CENT.2	900 x 600 x 450	3.00	No.s	5,374.00	16,122.00
			LOUNGE SOFA				-
			Providing and Placing Lounge Chair are made of steel pipe 30 to 35 mm dia of 16 swg. Frame chrome plated, seat & back made of high density foam covered with tapestry approved by E - ICharge. (Basic rate Rs. 300/- metre.)and having steel arms at the side, available in the following option				-
19	FA-MA-2018-94	LS.2	2 seater	1.00	No.s	11,114.00	11,114.00
20	FA-MA-2018-95	LS.3	3 seater	2.00	No.s	15,958.00	31,916.00
			WORKSTATION TABLE TOP (OFFICE)				-
			Providing table top of required size fixed at a standard table top height of upto750mm min (including table top thickness). Table top shall be made of 25mm thick plain particle board (Interior Grade), FIRE RETARDENT laminate on unexposed face. All edges of the work surface shall be provided with machine pressed PVC edge banding of 2mm thickness. Table top to be principally mounted from the partition frame with suitable MS powder coated brackets which should be integrated into the partition frame.				-
			Accessories				-
			Key Board Tray -. Size: - Width: 600mm, Depth: 270, Height: 70mm keyboard pullout tray made up of durable ABS (Acrylonitrile Butadiene Styrene) material provide with sliding telescopic channels. The tray hanged below the top by steel MS brackets. Finish: All steel components should be epoxy powder coated after seven tanks anti corrosion pre-treatment of surface. ABS wire managers to be provided where required for the table top.				-

			CPU Trolley: Size: - Width: 180mm Depth: 245mm, Height: 210mm Made up of press formed MS CR sheet Finish provision for height & width adjustment. All steel components should be epoxy powder coated after seven tanks anti corrosion pre - treatment of surface. (Coating thickness 50 to 60 micron).				
21	FA-MA-2018-39	WT2.1	1200 X 600	6.00	No.s	4,560.00	27,360.00
22	FA-MA-2019-05	SC	Steel Cupboard with Glassdoor of size 1980mm (H) (+/- 25mm) X 900mm (W) (+/- 25mm) X 450 (D) (+/- 25mm)	2.00	No.s	17,249.00	34,498.00
			The steel cupboard shall be of size 1980mm (H) (+/-25mm) X 900mm (W) (+/-25mm) X 450 (D) (+/-25mm) made in 20 SWG M.S CRCA sheet with 4 equal shelves. Ground clearance of 150mm shall be provided. Cupboard shall have 2 nos. of equal open able shutters with 5 mm thick clear glass fixed in a frame of 50mm width all-around of 18 SWG M.S. CRCA sheet. The doors shall be provided with six lever from inside having non interchangeable stainless steel keys in triplicate. Sides of shelves shall have double bent flanges on all four sides for better strength. Each shelves supported with four adjustable corner supports. Shelves shall be adjusted on rack strips fitted inside each cupboard. Metal handles of suitable design to be provided on both doors. The unit shall be epoxy polyester powder coated to the thickness of 50 microns. The cupboard shall be provided with necessary hardware such as hinges, stoppers, tower bolt, shoes buffer, etc.				
24	R2-CS-RM-125		Providing & Fixing Full Height Both Side Laminated Partition At Required Location Having H				
			Providing & fixing FULL HEIGHT BOTH SIDE LAMINATED PARTITION at required location having height more than 2.8 meter & minimum 77 mm thick made by using 50 x 50 mm (finished size) approved quality seasoned TW section framing at 600 mm center to center, covered with 12 mm marine ply generally conforming to I.S.303 / I.S.710-1980 on both sides. The partitions shall be finished with 1.5 mm thk. approved quality laminate matt/suede/fine line finished lamination pattern with grooves on both sides with necessary lipping (BTC) moulding. Antitermite treatment to plywood and woodwork, door frame including all leads & lifts etc complete as per Architect's Drawing and instructions of Engineer In Charge. (Basic Laminate Rate Rs.30/- per sqft.)				
25	R2-CS-FL-85		Providing & Fixing Approved colour Homogeneous Flooring 2 mm thick of Single layered Flexible Vinyl flooring (spica of Tusker vinyl floorings) in roll form over provided I.P.S. flooring, fixing over I.P.S./ Kota stone flooring with approved adhesive, all joints to be soldered by P.V.C. rods as per manufacturers specifications, etc. complete as directed including proper levels & cleaning. (Roll width minimum 2.0 Mtr., weight of P.V.C. flooring 90 kg./ 30 Sq.M. The I.P.S./ Kota stone shall be paid separately.	374.57	Sqm	1,323.00	4,95,556.11
26	FA-MA-2018-104		ROLLER BLINDS	30.46	Sqm	1,323.00	40,298.58
			Providing & fixing premium quality Roller blinds with Solar protection of high tenacity Polyester Yarn with PVC coating & Aluminium Backing and fungistatic treatment and should block the light flux & offer elimination of glare and sunlight /radiance. Fabric shall have visible light & solar properties & greengaurd (gold) Indoor Air quality & children & school certified.				
			Fabric composition - 39% Polyester / 61% PVC with aluminium backing.				
			Weight - 290 g/sq.m (+/- 5%)				
			Thickness - 0.32 mm (+/- 5%)				
			Fabric openness factor - 3%				
			Tensile strength (warp / weft) -160/170 daN/5cm				
			Tearing Strength (warp/weft) -11/13 daN				
			Backing - Aluminium backing.				
			Fungistatic treatment - Degree 0 Excellent (EN ISO 846-A)				
			Fire retardancy: B-s2,d0/EN 13501-1, class A/ASTM E84.				

27	R2-CS-WW-20-E		100 MM OVERALL THICKNESS PARTITION WITH 12 MM THICK DOUBLE SKIN 6MM THK. COMMERCIAL PLYWOOD.				
		a)	PARTITION (3.5 M HT CONSIDERED)	264.15	Sqm		
		b)	PARTITION AT S.E. CABIN (1.2 M HT CONSIDERED)	102.90	Sqm		
		a) + b)		367.05	Sqm	3,672.00	13,47,807.60
			Providing & fixing double skin partition comprised of framing of GYPSteel Building System including 76 mm wide floor track (0.55 mm BMT having equal flanges of 32 mm each) fixed to floor by Hilti/ Fischer hammer fix. as well as Gypsteel Deflection head floor track of 76 mm wide (0.75 mm BMT having equal flanges of 50 mm each) fixed to MS structure (provided by others) by means of appropriate fixings as per the standards. Then Gypsteel stud section of 76 mm wide (0.75 mm BMT having one flange of 34 mm and another flange of 36 mm) is screw fixed into floor/ceiling channel at every 610 mm c/c. using appropriate screws as per industry Standard These stud section are kept 10 mm shorter to take care of deflection in the structural member as per Gypsteel Building System with either of following material complete as directed by Engineer In Charge. P/F partition upto ceiling height consisting of G.I. frame and required board: 100 mm overall thickness partition with 12 mm thick double skin 6mm thk. Commercial plywood.				-
28	R2-CS-WW-20-G		PROVIDING AND FIXING 4MM THK. VENEER WITH THREE COATS OF FRENCH POLISHING	774.10	Sqm	1,195.00	9,25,049.50
			Providing & fixing double skin partition comprised of framing of GYPSteel Building System including 76 mm wide floor track (0.55 mm BMT having equal flanges of 32 mm each) fixed to floor by Hilti/ Fischer hammer fix. as well as Gypsteel Deflection head floor track of 76 mm wide (0.75 mm BMT having equal flanges of 50 mm each) fixed to MS structure (provided by others) by means of appropriate fixings as per the standards. Then Gypsteel stud section of 76 mm wide (0.75 mm BMT having one flange of 34 mm and another flange of 36 mm) is screw fixed into floor/ceiling channel at every 610 mm c/c. using appropriate screws as per industry Standard These stud section are kept 10 mm shorter to take care of deflection in the structural member as per Gypsteel Building System with either of following material complete as directed by Engineer In Charge. of matching French polish as directed. Extra for providing and fixing 4mm thk. veneer with three coats of french polishing instead of synthetic enamel painting including all material and labour.				-
30	FA-MA-2019-08		P & F SYNTHETIC WASHABLE CARPET 1000 GSM LOOP PILE...	25.00	Sqm	2,103.00	52,575.00
			Providing & fixing of synthetic washable carpet of 1000 GSM loop pile woollen / nylon carpet with 8mm. thk. of approved make and shade, to be fixed on the floor with underlay on floor area of front passage, gangways between chairs etc and to be fixed properly after necessary levelling using correct adhesive for fixing of carpet as per manufacture specifications ,all as per design approved by Architect. (Basic price of carpet - Rs. 1200 Sq.Mt.)				
			FLUSH DOOR SINGLE / DOUBLE SHUTTERS				
			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, putty and 2 coats of synthetic enamel paint on both faces etc. with 12 mm thk teak wood lipping all around all around etc. complete (Hinges, aldrops & standard door hardware to be paid separately)				
31	R2-CS-WW-06-c		35mm thick shutter	30.00	Sqm	2,131.00	63,930.00

		Providing and fixing superior quality factory made phenol bonded solid core double leaf flush commercial door shutter of thickness as mentioned below and of approved make conforming to IS: 2202 (Part I, II) with 12mm thk. teak wood lipping all around, 3mm thk. commercial veneer with three coats of french polish on external face and 150mm x 60 mm or 125 mm x 75 mm C.P. teak wood frame with glazed fanlight fanlight with 4mm thk. glass including bright finished or black enameled mild steel butt hinges, approved fixtures, fastening, hooks, eyes, screws and painting the frame and interior side with one coat of primer, putty and two coats of synthetic enamel paint of approved make and colour etc. complete as directed by Engineer in charge.				-
32	R2-CS-WW-19-c	35mm thick shutter	10.00	Sqm	8,880.00	88,800.00
33		Toilet Door				-
	R2-CS-PV-03	Providing and Fixing to frames 30mm thick Fiber glass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856 : 2000 etc complete as directed.	2.00	Sqm	3,169.00	6,338.00
		DOOR JAMBS				
34	R2-CS-WW-02	Providing and fixing best quality C.P. Teak wood frame for doors, windows and ventilators size Less than or upto 50mm x 50mm including intermittent supports if required, all moulding, rebating, jointing, hold fasts of MS flats of minimum size 20 x 3 mm, having length of 150 mm and finishing with 3 coats of French polish or one coat of primer and synthetic enamel paint in two coats as directed etc. complete as directed.	2.00	Cum	1,15,185.00	2,30,370.00
35	R2-CS-FL-44-d	Providing and fixing all sides polished natural stone as specified below of approved quality, pattern, colour and thickness for door and window frames / architraves including preparing the surface and levelling in the desired line, machine cutting, jointing in approved adhesives, leveling, smooth cement plastering along the sides to match the existing surface in cement mortar, filling the joints with pigment mixed with cement, cleaning, finishing, curing etc complete as directed by Engineer In Charge.	5.00	Rmt	566.00	2,830.00
		With Ruby red, jet black, Hasan green Granite				
36	R2-CS-HW-11-b	Providing and fixing hydraulic door closer of approved make manufactured as per IS:3564 for doors with necessary materials and labour cost etc. complete.	10.00	No.s	822.00	8,220.00
		Medium (for shutter weighting from 36 – 60kg)				-
37	R2-CS-HW-06-d-2	Standard Stainless Steel make Aldrop, 250 mm long.	25.00	No.s	319.00	7,975.00
38	R2-CS-HW-08-d-2	Standard Brass Tower bolt, 150 mm long.	13.00	No.s	193.00	2,509.00
39	R2-CS-HW-12	Providing and fixing iron oxidized hanging type floor door stopper with rubber cap of approved make including necessary screws, fixtures, materials and labour etc. complete.	13.00	No.	70.00	910.00
40	R2-CS-HW-09-d-2	Providing and fixing handles as described below, manufactured as per IS:208-1992 for doors and windows and with necessary materials and fixtures like screws etc. and all labour etc. complete. 150 mm long.	25.00	Nos	91.00	2,275.00

41	R2-CS-WW-22	Providing and fixing false ceiling with eco-friendly light weight calcium silicate tiles of Spintone/cosmos surface textured "Aerolite " make or equivalent of size 595 x 595mm having 15 mm thick densified microlook edge and 100% humidity resistance, incombustible as per BS 476 Part IV and thermal conductivity 0.043 w/m° KC and NRC 0.50 placed in true horizontal level suspended grid of size 600x600 mm made from hot dipped GI steel sections on Sillhoutte profile, rotary stitched double webbed white with 6mm reveal profile (white/black), where in main T runner of size 24 mm x 38mm and 0.33 mm thick @ 1200mm center to center and cross T of size 24mm X 28 mm and 0.33 mm thick, 1200 mm long spacedbetween main tee at 600 mm centre to centre and secondary crossT of Size 24mm X 28 mm x 0.33 thick of length 600 mm to be inter locked at middle of the first cross T in each panel to form grids of 600 mm x 600 mm and resting on periphery wall profile wall section 24 mm x 24mm x 0.40 thickness and laying false ceiling for services like diffusers grills including cutting, making opening for light fitting, fixtures, smoke detectors etc. wherever required, main tee runner to be suspended form ceiling using G.I. soffit cleats of size 25 x 35 x 1.6 mm of required length fixed to the ceiling with12.5mm dia and 50 mm long dash fastener, 4 mm dia G.I adjustable rods with	573.09	Sqm	1,902.00	10,90,013.38
42	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.	4.00	Cum	484.00	1,936.00
		Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lea				-
43	R2-CS-DD-19-b	For thickness of tiles above 25 mm and up to 40 mm	5.00	Sqm	68.00	340.00
44	R2-CS-MW-33	Providing and laying autoclaved aerated (cellular) cement blocks masonry with more than 100 mm thick AAC blocks in cement mortar 1:4 (1 cement : 4 coarse sand) including RCC stiffeners. The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work, racking of joints, scaffolding and curing,etc. completed as directed by Engineer-in-Charge.	2.00	Cum	6,911.00	13,822.00
		Water Proofing				-
45	R2-CS-WP-39	Providing the waterproofing treatment as per item no.CS-WP-38 but to the flooring of existing water closets, bathrooms, kitchen, nahanies, washing places, sanitary blocks etc. after removing existing flooring and brickbat coba etc. (The soil pan area will not be deducted. After completion of work leakage test shall be carried out after impounding the water for 7 days without any extra cost. The actual area treated including soil pan area will be measured and paid for).	5.00	Sqm	1,173.00	5,865.00
46	R2-CS-WP-40	Providing waterproofing treatment through specialized agencies as per item no. CS-WP-39 but to the dado portion of existing water closets, bathroom, kitchens, wash places, sanitary blocks etc. by removing existing plaster and tiles etc. (The actual area treated will be measured and paid for).Take rebate of Rs.100/- Sqm if existing wall is brickwall	10.00	Sqm	911.00	9,110.00
		Providing and laying 6mm thk. ceramic tiles as specified below conforming to I.S.15622-2006 for flooring of an approved, quality, make, size and pattern /design, for flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, neat cement float, cutting, leveling, Jointing, filling the joints by neat cement slurry or approved colour grout, curing, finishing etc complete as directed by Engineer In Charge.				
48	R2-CS-FL-06-d	Dark coloured antiskid / matt ceramic tiles	10.00	Sqm	1,416.00	14,160.00
		Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :				-

49	R2-CS-PS-2-a	W.C. pan with ISI marked white solid plastic seat and lid	1.00	No.s	6,483.00	6,483.00
		Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :				-
50	R2-CS-PS-7-c	White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps.	2.00	No.s	3,218.00	6,436.00
51	R2-CS-PS-28	Providing and fixing 100 mm sand cast Iron grating for Nahani/Floor trap.	4.00	No.s	825.00	3,300.00
52	R2-CS-PS-203	Providing and fixing C.P. Brass two way bib cock with flange of approved quality and make.	1.00	No.s	1,246.00	1,246.00
53	R2-CS-PS-204	Providing and fixing Health Faucet with one metre long easy flex tube in chrome finish and wall flange	1.00	No.s	1,513.00	1,513.00
		Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				-
54	R2-CS-PS-100-a	100 mm diameter	1.00	No.s	411.00	411.00
55	R2-CS-FL-32-a	Providing and fixing 8mm thk. ceramic tiles as specified below conforming to I.S. 15622-2006 of approved quality, pattern and colour for dado in the wet area including preparing the surface and levelling in the desired line, backing of 20 thk. cement mortar in porportion 1:3 with approved waterproofing compound, square cut top edge or chamfered top edge in cement mortar 1:3, cement float, machine cutting, leveling, jointing, filling the joints with neat cement slurry or approved colour grout, finishing, curing etc complete as directed by Engineer In Charge. Light coloured glazed ceramic tiles	20	Sqm	1,770.00	35,400.00
		TOTAL COST OF FURNITURE AND CIVIL WORK (A)				66,45,107.17
		SAY				66,45,108.00
		TOTAL COST OF Electrical work (B)				39,77,941.00
		TOTAL COST OF WORK (A+ B)				1,06,23,049.00
		SAY				

Sd/-
S.E. (Arch.)

Sd/-
Sr. Architect (W/S)

Sd/-
Dy Municipal
Architect (W/S) i/c

Sd/-
Municipal Architect

MUNICIPAL CORPORATION OF GREATER MUMBAI

Sub : Planning of HIC(W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS No. 485/A to D, 487, 490B 610, 616/A to D , 617 Ato G, 620, 622, 628,630,652 &653 village Poisar at Kandivali E in R/Central ward.

SCHEDULE OF QUANTITIES AND RATES FOR M&E Department

(BOQ of M&E work)

SR NO	Item No	DESCRIPTION	Unit	RATE RS.PS.	QTY.	AMOUNT RS.
A		Meter leads:-				
1	R2-ME-1-10-f	3 Noss. 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.	Mtr.	3038	5	15190.00
B		Switchgeras at Distribution				0.00
1	R2-ME-1-6-b	100/125 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links.	Nos.	9390	1	9390.00
2	R2-ME-1-13-s	IP 42 Wall/column Mounted distribution board with one Nos of 100A 4P MCCB and 6 Noss 32A TP MCB as outgoing (8 way TPN MCCB DB)	Nos.	27919	1	27919.00
3	R2-ME-1-13-m	IP 42 Wall/column Mounted distribution board with one Nos of 16/32A 4P MCB and 6 Noss 16/32A DP MCB as outgoing (4 way TPN DB)	Nos.	13158	4	52632.00
4	R2-ME-1-13-d	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 6 Noss 6A/10A SP MCB as outgoing (12 way SPN DB)	Nos.	5533	2	11066.00
5	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)	Nos.	6155	8	49240.00
6	R2-ME-1-19-d	20Amp SP MCB with 20A ray roll type, 3pin plug & socket with cap & chain etc.	Nos.	2121	12	25452.00
C	ELCB	Earth leakage circuit breaker / residual current circuit breaker:(with 100 ma sensitivity & complete with & interconnection & wiring:				0.00
1	R2-ME-1-25-c	40Amp. 2Pole ELCB	Nos.	5079	14	71106.00
D		Supply & installation of angle iron frame work complete with painting in approved manner:				0.00
1	R2-ME-1-31-a	25 x 25 x 3 mm of M.S.angle	Mtr.	150	6	900.00
2	R2-ME-1-31-d	Flat bars 25 mm x 3 mm thick.	Mtr.	91	10	910.00

3	R2-ME-1-30-b	Supply and fixing 20 mm thick Marine Ply Plank	Sq.Mtr.	1807	10	18070.00
4	R2-ME-1-30-f	Marine Ply service cupboard made from 20 mm. Thick Marine Ply. planks and 150 mm/200 mm. wide planks (panels) fixed on Marine Ply frame 25 x 40 mm. Size (Marine Ply batten) and by using heavy duty hinges of stainless steel and	Cu. Mtr	23784	5	118920.00
E		Cu Cables : Supply & laying " XLPE cables"and FRLS				0.00
1	R2-ME-2-3-x	3.5C x 50 Sq.mm	Mtr.	2248	120	269760.00
2	R2-ME-2-3-o	4C x 6 Sq.mm	Mtr.	311	300	93300.00
3	R2-ME-2-3-i	2C x 4 Sq.mm	Mtr.	135	350	47250.00
4	R2-ME-2-3-e	2C x 2.5 Sq.mm	Mtr.	105	100	10500.00
5	R2-ME-3-17-b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20 x 12 mm (1/2") FRLSH	Mtr.	170	1000	170000.00
6	R2-ME-3-17-c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm (3/4")	Mtr	231	500	115500.00
F		Cable End Termination For Copper Cables :				0.00
1	R2-ME-2-12-w	3.5C x 50 Sq.mm	Set	465	2	930.00
2	R2-ME-2-12-r	4C x 6 Sq.mm	Set	186	4	744.00
3	R2-ME-2-12-b	2C x 4 Sq.mm	Set	111	10	1110.00
4	R2-ME-2-12-a	2C x 1.5 / 2.5 Sq.mm	Set	108	4	432.00
G		Point Wiring				0.00
1	R2-ME-3-48-a	Light /Fan / Ex. fan Points with Modular switches & FRLSH wires	Each Pt.	751	65	48815.00
2	R2-ME-3-48-b	3/5 Pin Independent Plug (IP) with Modular	Each Pt.	870	18	15660.00
3	R2-ME-3-48-c	5A/6A - 3/5 Half Plug with Modular switches & FRLSH wires	Each Pt.	305	18	5490.00
4	R2-ME-3-48-d	Bell Point with Bell / Buzzer & 1 Bell Push with Modular switches & FRLSH	Each Pt.	944	12	11328.00
5	R2-ME-3-27-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	365	4	1460.00
6	R2-ME-12-5-a	Switch BOX point for computers through Casing-capping Description of Item 8Modular SURFACE BOX - 1 No. 8Modular PLATE - 1 No. INDICATOR LAMP - 1 No. 15A SWITCH - 1 No.6A 5 PIN SOCKET - 3 Nos.2Modular SURFACE BOX - 1 Nos. 2M PLATE - 1Nos.RJ11 SOCKET - 1 Nos. RJ45 SOCKET – 1Nos.	Nos	1462	45	65790.00
7	R2-ME-2-15-k	150 x 40mm (W x H) with one partition - (16 SWG -1.6 mm) with cover with partition	Rmtr.	847	40	33880.00
8	R2-ME-2-15-i	75 x 40mm (W x H) with one partition - (16 SWG - 1.6 mm) with cover with partition	Rmtr.	594	20	11880.00
9	R2-ME-4-17-c	Above 1 mtr. to 1.5 Mtr. FOR FAN	Set	439	8	3512.00

10	R2-ME-4-12-g	Exhaust fan of 150mm sweep, 1400RPM, AC, 230V , 50 Hz, single phase complete with all necessary accessories for completing installation	Nos	1757	1	1757.00
11	R2-ME-4-12-O	Pedestal fan of 450mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with guard and regulator 3 mtrs. of 3 core 1.5sqmm, PVC insulated , copper conductor , flexible wire and Hand shield type 3 pin plug	Nos	4562	12	54744.00
12	R2-ME-4-33-f	36W (600X600) LED LIGHT	Nos	5546	30	166380.00
H		Water Coolers (Nominal Cooling capacity/ Storage Capacity				0.00
1	R2-ME-9-9-a	20 litre per hour/ 40 litre	Nos	37267	1	37267.00
I		EARTHING, LIGHTNING PROTECTION.				0.00
1	R2-ME-7-4-m	Bare G.I. Conductor size 8 SWG	Mtr	9	700	6300.00
J		EPABX				0.00
1	R2-ME-12-1-a	SITC of EPABX 2 x 6 P&T	Nos	11656	1	11656.00
2	R2-ME-12-3-a	Armoured Telephone Cable -10 pair	Mtr	115	50	5750.00
3	R2-ME-12-6-a	10 pair M.S. Junction Box for EPABX	Nos	977	1	977.00
4	R2-ME-12-2-a	PVC Telephone Cable -2 pair	Mtr	25	100	2500.00
5	R2-ME-12-1-k	SITC of Push button telephone instrument desk top/ wall mount unit	Nos	1547	5	7735.00
6	R2-ME-12-7-c	12 mm X 12 mm – Casing-Capping	Rmt	55	100	5500.00
7	R2-ME-12-8-b	20 mm.- Only PVC Conduits	Rmt	26	600	15600.00
K		LAN				0.00
1	R2-ME-12-9-m	3 Feet Patch Chord	Nos	163	100	16300.00
2	R2-ME-12-7-a	25 mm X 12 mm - Casing-Capping	Rmt	62	300	18600.00
3	R2-ME-12-9-v	SITC of 19 inch Rack	Nos	32558	2	65116.00
4	R2-ME-12-9-t	SITC of 24 Port CAT-6 UTP Jack panel with cable manager	Nos	5209	2	10418.00
5	R2-ME-12-4-b	Cat 6 Gigabyte	Mtr	32	1000	32000.00
6	R2-ME-12-9-h	24 Port Manageable Switch	Nos	13837	2	27674.00
7	R2-ME-12-9-a	Router for ISDN	Nos	4558	1	4558.00
8	R2-ME-12-9-d	Media Convertor	Nos	5502	1	5502.00
9	R2-ME-12-9-e	Single Mode Fiber Optic Connector	Nos	456	2	912.00
10	R2-ME-12-9-f	Single Mode Fiber Optic Patch Chord	Nos	570	2	1140.00
11	R2-ME-8-1-g	Removal of fixtures / fittings / ceiling fans / bulkhead / street light / gyeser etc.	Nos	40	80	3200.00
12	R2-ME-8-1-m	Removal of fan regulator. (All types)	Nos	8	40	320.00
13	R2-ME-8-2-d	Refixing of ceiling fans.	Nos	50	10	
14	R2-ME-8-2-e	Refixing of ceiling fan regulator with necessary accessories.	Nos	14	10	
L		HVAC				0.00
1	R2-ME-9-7-b	Nominal Capacity 8 TR	Nos	263338	1	263338.00
2	R2-ME-9-47-b	GSS Ducting:- 22 SWG	Sqm	1838	80	147040.00

3	R2-ME-9-32	Providing aluminium supply air diffusers & return air grills with volume control dampers	Sqm	17551	15	263265.00
4	R2-ME-9-5-b	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 2.0 TR	Nos	96090	1	96090.00
5	R2-ME-9-2-b	Nominal Capacity 1.5 TR (4500 Kcal / Hr. (1 indoor unit of 1.5 TR & 1 outdoor unit of 1.5 TR)	Nos	56486	7	395402.00
6	R2-ME-9-2-c	Nominal Capacity 2.0 TR (6050 Kcal / Hr. (1 indoor unit of 2.0 TR & 1 outdoor unit of 2.0 TR) including MS stand and Bracket for indoor and outdoor unit	Nos	62328	4	249312.00
7	R2-ME-9-2-a	Nominal Capacity 1.0 TR (3024 Kcal / Hr. (1 indoor unit of 1.0 TR & 1 outdoor unit of 1.0 TR) including MS stand and Bracket for indoor and outdoor unit	Nos	46746	1	46746.00
8	R2-ME-9-2-j	Providing & fixing of Weather shed for Window A.C.& split A.C. units.	Nos	3900	13	50700.00
9	R2-ME-9-2-g	Providing & fixing of M.S. Stand & Bracket for fixing Indoor & Outdoor unit.	Nos	10921	13	141973.00
10	R2-ME-9-2-h	Providing & fixing of M.S.Cage / encloser for 1.0 TR/ 1.5 TR, 2 TR window A.C. & 1.0 TR/ 1.5 TR/2.0 TR Split A.C Units..	Nos	10141	13	131833.00
11	R2-ME-9-2-l	Providing & fixing of Extra Drain piping as per Specification.	Rmt	273	200	54600.00
12	R2-ME-9-2-k	Providing & fixing of Extra Refrigerant piping including electrical cabling & earthing as per specification.	Rmt	1638	200	327600.00
					Total	3977941.00

Sd/-
J.E.(M&E)HIC

Sd/-
A.E.(M & E)HIC

Sd/-
E.E.(M & E)HIC

MUNICIPAL CORPORATION OF GREATER MUMBAI

Sub :Planning of HIC(W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS No. 485/A to D, 487, 490B 610, 616/A to D , 617 Ato G, 620, 622, 628,630,652 &653 village Poisar at Kandivali E in R/Central ward.

CSMC Chrges

Sr. No.	Description of work	C.S.M.C. Charges per year for HVAC System(Rs.)	No. of HVAC System in the scope	Total in Rs.
1	CSMC charges fo 1st year : Defect Liability Period	Nil	Nil	Nil
2	CSMC charges for 2nd Year:	54510.90	1	54510.90
3	CSMC charges for 3rd year	65413.08	1	65413.08
4	CSMC charges for 4th year	76315.26	1	76315.26
5	CSMC charges for 5th year	87217.44	1	87217.44
6	CSMC charges for 6th year	87217.44	1	87217.44
Grand Total of CSMC charges Rs.				370674.12

Sd/-
J.E.(M&E)HIC

Sd/-
A.E.(M & E)HIC

Sd/-
E.E.(M & E)HIC

MUNICIPAL CORPORATION OF GREATER MUMBAI

Sub :Planning of HIC(W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS No. 485/A to D, 487, 490B 610, 616/A to D , 617 Ato G, 620, 622, 628,630,652 &653 village Poisar at Kandivali E in R/Central ward.

Estimate No. AEE /HIC/M&E/ of 2022.

Summery Sheet

SR. NO.	DESCRIPTION OF WORK	AMOUNT in Rs.
1	Part A Total of cost of Electrical work Rs.	39,77,941.00
4	Add 4% Physical Contingencies Rs.	1,59,117.64
	Sub total Rs.	41,37,058.64
5	Add 10% Supervision charges Rs.	4,13,705.86
	Sub total Rs.	45,50,764.50
6	PART B – CSMC charges for M&E works	3,70,674.12
	Total: Rs.	49,21,438.62
	Say	49,21,450.00
In words	Rupees: Fourty Nine Lakh Twenty One Thousand Four Hundred and Fifty only	

Sd/-
J.E.(M&E)HIC

Sd/-
A.E.(M & E)HIC

Sd/-
E.E.(M & E)HIC

MUNICIPAL CORPORATION OF GREATER MUMBAI

Planning and interior works of HIC (W/S) office in block no B 101 & B 102 in Godown Bldg on land bearing CTS no. 485 / A to D, 487, 490 B 610, 616 / A to D, 617 / A to G, 620, 622, 626, 630, 652 & 653 of village Poisar at Kandivali (E) in R/Central ward.

SUMMARY SHEET

Furniture Works

SR. NO	DISCRIPTION	UNIT	COST
1	Estimated cost of Furniture Works Only	Rs.	66,45,108.00
2	Contengencies @ 4 % OF A	Rs.	2,65,804.32
3	Total (1+2)		69,10,912.32
4	Supervision Charges @10% of (Sr.No. 3)	Rs.	6,91,091.23
5	Price Variation @ 0%		0
	Total Cost of Furniture Works (Sr.No. 3+4+5)	Rs.	76,02,003.55
A	SAY	Rs.	76,02,004.00

M & E Works

SR. NO	DISCRIPTION	UNIT	COST
6	Part A total of cost of Electric works	Rs.	39,77,941.00
7	Add 4 % Physical Contengency	Rs.	1,59,117.64
8	Total (6+8)		41,37,058.64
9	Add 10 % Supervision Charges	Rs.	4,13,705.86
10	PART B- CSMC charges for m&E works		3,70,674.12
	Total Cost of Furniture Works (C+D+E)	Rs.	49,21,438.62
B	SAY (at page C- .)	Rs.	49,21,450.00
	Total (A+B)	Rs.	1,25,23,454.00

Sd/-
S.E. (ARCH.)

Sd/-
SR. ARCHITECT

Sd/-
DY. MUNICIPAL
ARCHITECT (W.S.) i/c

Sd/-
MUNICIPAL
ARCHITECT