

MUNICIPAL CORPORATION OF GREATER MUMBAI

Minutes of Pre-Bid Meeting

No. Ch.E./ 7100 /Bridges dt. 28/09/2022

Bid No. 7200035590

Sub.: EPC TENDER FOR CONSTRUCTION OF BRIDGE FROM FISHERMEN COLONY (SENAPATI BAPAT MARG) TO WESTERN EXPRESS HIGHWAY

Ref.: Pre-Bid Meeting held on 16.09.2022 at 3.00 p.m.

Minutes of pre-bid meeting for ‘EPC TENDER FOR CONSTRUCTION OF BRIDGE FROM FISHERMEN COLONY (SENAPATI BAPAT MARG) TO WESTERN EXPRESS HIGHWAY’ held on 16.09.2022 under Chairmanship of Ch.Eng.(Bridges). Following officers and bidders /Consultants representatives were present:

Sr. No.	Name of Officers	Designation	Organization	Sr. No.	Name of Officers	Designation	Organization
1.	Shri. Sateesh Thosar	Ch. Eng. (Bridges)	MCGM	1.	Mr. Qumar Choudhary	AGM / Contract	M/s. J.Kumar Ltd.
2.	Shri. R.V.Mulay	Ex. Eng. (Bridges) C/N	MCGM	2.	Mr. Mohmad Asim	Sr. Engineer	M/s. ZAD Enterprises
3.	Shri. Kunal Vaidya	A.E.(Bridges)	MCGM	3.	Mr. Bharat Padia	Sr. Engineer	M/s. G.R.Construction
4.	Shri. Purushottam Ingale	A.E.(Bridges) i/c	MCGM	4.	Mr. Narendra Shah		M/s. Landmark
5	Shri. Ghanshyam Salunkhe	S.E. (Bridges)	MCGM	5.	Mr. Jai Chugh	P. Manager	M/s. Eagle Infra India Ltd.
6.	Smt. Swati Patil	S.E. (Bridges)	MCGM	6.	Mr. H.K.Mody	Partner	M/s. Vitrag Infra
7.	Shri. Ramdas Ghuge	S.E. (Bridges)	MCGM	7.	Mr. Ch. Shiva	Asst. Manager	M/s. Apco Infraprojects
8.	Shri. Omkar Mane	S.E. (Bridges)	MCGM	8.	Mr. Tushar Gose		M/s. Dextra
9.	Shri. Rajesh Kumar	Principal Consultant	M/s. Spectrum Techno Consultant,	9.	Mr. Mohit Mahadule	Asst. Manager	M/s. NCC Ltd.

			MCGM consultant				
10.	Shri. Akshay Harihar	Design Engineer	M/s. Spectrum Techno Consultant, MCGM consultant	10.	Mr. Pratik Panani	Engineer	M/s. Pinakee Engineering
11.	Shubham Rangrej	Engineer - QS	M/s. Spectrum Techno Consultant, MCGM consultant				

Points raised by the bidders and MCGM decision thereon is as follows:

Sr. No.	Clause No.	Description in Tender	Query / Observation by Bidder	Compliance by MCGM
A.	M/s. NCC Limited			
1.	Drawings	Drawings	Kindly Provide Autocad Drawings for Accuracy in working & Calculations.	This is an EPC tender, as such Tender condition prevails.
2.	E - Tender Notice General/ Page No. - 3	Period of Completion (in Months): 24 Months Excluding Monsoon	Considering the complex nature & size of the project, we request you to revise the duration from 24 months to 30 months.	Tender Condition prevails
3.	Instructions to Applicants - EMD / Page No. - 3, 31	Rs. 2,38,01,400/- cash (Online)	We request you to kindly accept option of BG for EMD instead of online payment.	Tender Condition prevails
4	General Conditions Of Contracts Retention Money / Page No. - 35, 120	The contractor shall pay the retention money an amount equal to 5 % of the Contract Sum which will be recovered from the contractors every bill i.e. interim / running / final bill of a site in a group. Or The contractor shall pay the retention money an amount equal to 2 % of the Contract Sum which will be recovered from the contractors every bill i.e. interim / running / final bill of a site in a group.	a) Kindly confirm percentage amount of retention money contractor shall pay. b) Also request you to accept BG in lieu of Cash retention.	a) The contractor shall pay the retention money an amount equal to 5 % of the Contract Sum which will be recovered from the contractors every bill i.e. interim / running / final bill of a site in a group. b) Tender Condition prevails

5	General Conditions Of Contracts Mobilization Advance / Page No. - 161	Mobilization advance @ 10 % of Contract value in two equal instalments with interest @ 12% against BG.	We request you to kindly pay 10 % of contract value interest free mobilization advance.	Tender Condition prevails
6	General Conditions Of Contracts General / Page No. - 81	Encroachment Free Land	Bidder understands Encroachment free site would be provided. Kindly Confirm.	As per the Tender Condition as mentioned in Tender Notice as under “The Bidder shall note that before the commencement of this project work on site Environmental Studies will have to be carried out and the permissions / NOCs from various departments such as MOEF clearance, MCZMA, SEIA, Forest department, Collector, MSRDC, MMRDA, PWD, Maritime Board, Ward office, etc. may be required. The bidder shall be entirely responsible for availing the permissions / NOCs from these respective authorities in the name of BMC. Indian Remote Sensing (IRS) Map charges, Statutory Fee, Scrutiny fees for availing various permission / NOCs from above authorities will be borne by BMC but the responsibility of availing all clearances will rest with the bidder.” As far as structures affecting the alignment of the bridge the total station survey will have to be carried out by the successful bidder and same will be removed by BMC with the assistance from successful bidder.
7	General Conditions Of Contracts	Labour Camp, Site office	Please provide land free of cost for Labour Camp & Site office Establishment.	Tender Condition prevails

	General / Page No. - 79, 81			
8	General	Site Investigation Report	Kindly provide the soil investigation reports so that costs for dewatering, shoring etc. can be worked out correctly.	Attached herewith on BMC portal. This information is only for general guidelines. The bidder shall inspect the site and satisfy himself before submitting the tender as to the nature of ground and sub soil. Risk of variation in geotechnical information if found subsequently shall lie with the bidder.
9	General	Bonus/Incentive	We hereby request you to kindly incorporate an equitable clause for incentive for early completion of work.	Tender Condition prevails
10	General Conditions Of Contracts/DLP/Page No. - 151	<p>A) Roads/Bridge -</p> <ol style="list-style-type: none"> 1. For cement concrete road/ Mastic Works - 5 years 2. Asphalt work - 3 years 3. Paver Block - 3 years 4. Structural work - 5 years 5. General works - 5 years <p>B) BM/SIC/HIC -</p> <ol style="list-style-type: none"> 1. General works - 3 years 2. Structural works - 5 years 3. Waterproofing works - 5 years <p>C) Ward Works</p> <p>All ward level works - 2 years</p> <p>D) Other Works</p> <p>Pot holes and pre-monsoon bad patch repair work - 1 year</p> <p>E) For other departments</p> <p>HE, WSP, SP, SWD, Garden - 3 years</p>	We kindly request you to consider DLP of 2 Year for complete project irrespective of different components.	Tender Condition prevails
11	General Conditions Of Contracts Advances	No Plant & Machinery Advance	We request you to pay Plant & machinery advance for an amount equal to 90% towards plant and machinery advance.	Tender Condition prevails

12	General Conditions Of Contracts Advances	No Material Advance	We request you to pay material advance for an amount equal to 90% towards material advance.	Tender Condition prevails
13	General	Last Date & Time for Receipt (Submission) of Bids: 20.09.2022 Up to 16.00 Hrs.	Work involves lot of specialized works for which quotes will have to be invited, quotes so obtained to be negotiated and price to be quoted to be worked out. In view of the quantum and complexity of the work involved, it is requested that the due date for submission of bid be kindly extended by atleast 3 weeks from the current due date and obliged.	As per Corrigendum-II uploaded on BMC Portal.
B.	VITRAG INFRA PROJECTS LLP			
1.	Clause 14.3.4	All the members of the JV shall certify that they have not been black listed or debarred by BMC from participation in tenders/contract in the past either in their individual capacity or the JV firm or partnership firm in which they were members / partners.	According to tender Clause 14.3.4 the blacklisted or debarred contractors in the past are not permitted to bid but as per prevailing practice of M.C.G.M., at present not blacklisted or debarred Contractors are permitted to bid for any M.C.G.M. tender, as an individual entity or as J.V. partner,	All the members of the JV shall certify that they are not black listed or debarred by BMC / All agencies in last 2 years as on date of tender submission from participation in tenders/contract in their individual capacity or the JV firm or partnership firm in which they were members / partners.

2.	Page No. 162 10.b) Reimbursement refund on variation of price of labour and materials:	<p>D) Price variation will be calculated similarly and separately for extra items and / or excess quantities and provisional sums calculated under Sub Clause 10 (b)A (i)&(ii) and Sub Clause 10 (b) B(ii) based on the above formula/formulae in Annexure-I as and when mentioned in Special conditions of contract; IO and WO being the indices applicable to the date on which the rates under Sub Clause 10 (a)A (i)&(ii) and Sub Clause 10 (a) B(iii) are fixed. No price variation shall be admissible for FAIR items created during execution. E) Maximum Price Variation shall be as follows:</p> <table border="1" data-bbox="607 630 1247 857"> <thead> <tr> <th>Time Period of Project</th> <th>Maximum limit of Price Variation</th> </tr> </thead> <tbody> <tr> <td>Up to 12 months</td> <td>No variation allowed</td> </tr> <tr> <td>Above 12 months to 24 months</td> <td>5%</td> </tr> <tr> <td>Above 24 months</td> <td>10%</td> </tr> </tbody> </table>	Time Period of Project	Maximum limit of Price Variation	Up to 12 months	No variation allowed	Above 12 months to 24 months	5%	Above 24 months	10%	As per the G.C.C. Clause for the Escalation was in according to the time period cap is provided. Looking at the volatile market the Escalation cap shall be removed as the provision of De-escalation is included in the said G.C.C. Clause, to bring the bid offer at an equitable level.	Tender Condition prevails
Time Period of Project	Maximum limit of Price Variation											
Up to 12 months	No variation allowed											
Above 12 months to 24 months	5%											
Above 24 months	10%											
C Eagle Infra India Ltd.												
1.	Bid Security (EMD)	BID SECURITY/page34: Earnest Money Deposit for the work will be ₹.2,38,01,400/- EMD Payment as mentioned above has to be made through online payment	Option of Bank Guarantee has also to be added in addition to the on line payment, even may be in part.	Tender Condition prevails								
2.	Submission of Bid documents	Submission of Packet A, B & Packet C (Online) & Receipt of Bid Security Deposit- 30.09.2022 Up to 16.00 Hrs.	As the cost of all items have to work out, to get the cost of the project in the absence of item rates, some more time is required for the submission of tender bid. It is therefore requested to extend the date of submission of bid further for 15 days.	As per Corrigendum-II uploaded on BMC Portal.								
3.	Contract period	Details of tender / page-3 24Months (Excluding Monsoon)	As the work is in Mahim creek (Mithi River), it is requested to increase the contract period as	Tender Condition prevails								

			30 months (Excluding monsoon).	
4.	Security Deposit/Retention money	Page 38/ II) Retention Money–The contractor shall pay the retention money an amount equal to two (2) percent of the Contract Sum Whereas Page123/ 5 f(ii)-General Obligations of Contractor- The contractor shall pay the retention money an amount equal to five (5) percent of the contract sum	Please clarify.	The contractor shall pay the retention money an amount equal to 5 % of the Contract Sum which will be recovered from the contractors every bill i.e. interim / running / final bill of a site in a group.
5.	2.1 Technical Capacity (Project Experience)	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and 2) At least one special structural steel composite span not less than 75 m in length of the bridge work .” 	It is requested to delete this clause or it should not be mandatory to submit the bid.	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road <p>and</p> <ol style="list-style-type: none"> 2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.

6.	2.1 Technical Capacity (Project Experience)	Page-14 cl. 2.1 note- *In case of on going 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.	It is requested to consider the cost of executed work done till the submission of Bid for the eligibility qualification, irrespective of percentage of work completed in on going work. Please do not insist for 80% of completion of work.	Tender Condition prevails
7.	2.1 Technical Capacity (Project Experience)	Page-14 note of clause 2.1- “Note: - “Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders”	In similar nature please add elevated viaduct of Metro Project also in addition to vehicular bridges, flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders	As per Sr. No.5, prepage
8.	Contract Deposit	Page-38& 123 Security-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. Whereas P227- Format of Bankers Guarantee in lieu of Contract Deposit given.	Please clarify whether BG can be provided for 2% of contract deposit or cash to be deposited.	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. As per the Format given in Tender at Page No. 227, Bank Guarantee should be submitted against Contract deposit.
9.	ii) Program for completion of the project Mile stone	F /page-26 : 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 24 months (Excluding Monsoon)	1st mile stone is given for payment of 25% within 6months i.e. about 59.50Cr.(approx.) &50% payment i.e. 119.00 Cr.(approx.) within 12 months period excluding monsoon. Either please remove the clause of mile stones to be achieved or shall please be revised as 25% in 1/3rd of time & 50% in 3/5th of time for the completion of work	Tender Condition prevails

10.	Vol.-II Financial Bid	Sch. A3 (iv) Completion of Reinforcement forPile Cap including FBEC Treatment .	1- Whether CPCC coating can be used in pace of FBEC as CPCC can be completed in yard & can be done expeditiously. 2- Whether CRS steel bars can be used which do not required any special treatment. This will save the time for the completion of project.	Treatment is not required as Stainless steel reinforcement bars are to be used for all the permanent works, as per the tender specification.
11.	Permissions/NOC	Page-7- Before the commencement of this project work on site Environmental Studies will have to be carried out and the permissions / NOCs from various departments such as MOEF clearance, MCZMA, SEIA, Forest department, Collector, MSRDC, MMRDA, PWD, Maritime Board, Ward office	It is presumed that MCGM has taken the permission from Central Agencies in principle. Kindly confirm.	The Bidder shall note that before the commencement of this project work on site Environmental Studies will have to be carried out and the permissions / NOCs from various departments such as MOEF clearance, MCZMA, SEIA, Forest department, Collector, MSRDC, MMRDA, PWD, Maritime Board, Ward office, etc. may be required. The bidder shall be entirely responsible for availing the permissions / NOCs from these respective authorities in the name of BMC. Indian Remote Sensing (IRS) Map charges, Statutory Fee, Scrutiny fees for availing various permission / NOCs from above authorities will be borne by BMC but the responsibility of availing all clearances will rest with the bidder. Tender Condition prevails.
12	Miscellaneous	Cl. 5.3 Page 81- Site Possession schedule- The Contractor shall have to make his own arrangements forany additional or alternative land required by him for casting yard, borrow areas, quarries,site offices, crusher, batching plant, laboratory, labour camp, other camp, etc. Cl. 5.10 Page 84-2- 3. If demanded by the contractor and if land is available with BMC, the	It is requested to provide land for setting Office for MCGM & Lab at site. 2- MCGM is requested to provide encroachment free land/road for execution of work. - For early setting of all required facilities it is requested to land of about 2Ha. Will be made available at charged on nominal lease of Rs.1	Tender Condition prevails.

		land admeasuring about 2 Ha. will be assisted by BMC for Casting yard. 4. This commercial rent rate shall be subject to change as per BMC policy in this regard	per sq.m per month, as land will be used for MCGM Project.	
13	Reimbursement refund on variation of price	P162/E) Maximum Price Variation shall be as follows: Time Period of Project Maximum limit of Price Variation Up to 12 months No variation allowed Above 12 months to 24 months 5% Above 24 months -10%	Due to high volatility/ instability in market price, abnormal high rate of inflation, it is requested to withdraw the limitation of 5% of PVC for time period of work of upto 24 months & 10% for above 24 months.	Tender Condition prevails.
14	Miscellaneous		Please give the details of GC(Consultancy) who will be for this project.	This is an EPC tender, consultant has to be appointed by the successful bidder as per the tender conditions. Proof checking consultant is appointed by BMC.
15	Design scope	P-47iv) Preparing detailed design and working drawings for all components of the works and obtaining approval in respect thereof from the BMC/ BMC approved Panel of Consultant.	It is requested to clarify the design scope properly.	This is an EPC tender, consultant has to be appointed for preparing designs and drawings by the successful bidder as per the tender conditions. The same should be got checked from Proof checking consultant appointed by BMC.
16	Design Load	P-80-Routine load test (Dynamic) for integrity test on at least 2% of total service piles.	It is requested to please consider for 1% of total service pile for dynamic testing for early completion of project.	Tender Condition prevails.
17	Load test of super structure	P-80 Testing of Superstructure spans 2 Nos per km P-47 Pre-Cast Post Tensioned Pre-Stress Segmental/cast-in-situ Box, Girder, Structural Stainless Steel composite Girder, Network Arch Balance cantilever.	Please clarify if specific type of super structure & type of load testing in whole project so that it can be considered in this lump sum project.	Span load test has to be carried out 1 no. for each type of superstructure, such as Network Arch, Structural stainless steel span, balanced cantilever span, PSC segmental box, etc.

18	Dumping yard	P-235 All the excavated and surplus material on site shall be disposed by means of transportation or as directed by the Engineer on the cost of contractor. No additional / separate payment will be made to contractor	It is requested to allot the land near the project, for dumping the unutilized (Waste) excavated earth.	Tender Condition prevails.
19	2.1 BRIDGE PARAMETERS	Page 51/ Span arrangement shall be as indicated in the Tender drawing.	<p>1. In case of all the spans will be obligatory, no span arrangement can be altered. It is therefore requested allow for change in non- obligatory spans as per site requirement.</p> <p>2. Crust details for slip Road & solid approaches should be given.</p> <p>3. Mangroves will be the hindrance for cast-in-situ box girder. Number of spans for segmental construction are less. It is therefore requested to allow PSC I-Girders also as per site requirement.</p> <p>4. Geo-technical report should be included for guidance purposes.</p> <p>5. Utility data should be provided for the cost</p>	<p>1. Change in Non-obligatory span length will be allowed subject to checking by BMC proof checking consultant and aesthetics of the bridge is not compromised subject to approval of Engineer in charge.</p> <p>2. Crust details for Solid Approach is as follows - SECTION-7, Scope of Work, (i) Approaches : (iii) Providing Crust & Wearing coat for solid ramps at Page No. 51 in Tender Document of Vol-I. Crust for Slip Road – Crust as per Solid approach and only consider PQC of road (M40 grade) minimum thickness of 200 mm.</p> <p>3. PSC I girders may be allowed subject to approval from BMC proof checking consultant and aesthetics of the bridge is not compromised subject to approval of Engineer in charge.</p> <p>4. Geo-technical report is uploaded on BMC portal, however it may be treated as an indicative report.</p> <p>5. Tentative available Utility remarks are</p>

			analysis.	uploaded on BMC portal.
D	M/s. J.Kumar Infraprojects Pvt. Ltd.			
1.	Page 1 of vol. 1 Clause -1	the Municipal Corporation of Greater Mumbai (MCGM) invites e-tender to appoint Contractor for the above mentioned work from contractors of repute, multidisciplinary engineering organizations i.e. eminent firm, Private Limited Companies/Public Limited Companies /Companies registered under the Companies Act 2013, the contractors registered with the Municipal Corporation of Greater Mumbai, (MCGM) in Class I (A) and above as per new registration and equivalent category as per old registration (Excluding those who are blacklisted or against whom FIR have been filed) or those having equal or more work experience from Central or State Government/Semi Govt. Organization/ Urban Local Bodies / Central or State Public Sector Undertakings, will be allowed subject to condition that, the contractors/ sub-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 a penalty of 0.1% of contract cost or Rs. 10,000/- whichever is more will be recovered/deducted from the contractors payment/bill by the executing department.	We presume that Contractor who are not debarred / blacklisted as on date of bid submission is eligible to submit the tender.	All the members of the JV shall certify that they are not black listed or debarred by BMC / All agencies in last 2 years as on date of tender submission from participation in tenders/contract in their individual capacity or the JV firm or partnership firm in which they were members / partners.
2.	Section 5, Point-14, Page No. 17	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 BMC Ward Offices.	We request you to accept the EMD in the form of bank guarantee and nominal amount of Rs. 1,00,000/- through online payment gateway system if required.	Earnest Money Deposit of Rs. 2,38,01,400/- (Rupees Two Crore Thirty Eight Lakhs One Thousand Four Hundred Only) The Bidders will have to provide Earnest

				Money Deposit through the payment gateways while submitting the bids.
3.	Section IV Page – 11	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and 2) At least one special structural steel composite span not less than 75 m in length of the bridge work .” 	We presume that the PQ experience for length of bridge of 400 m should be from the above qualifying similar work. Also we request you to accept the PQ of 75 m span from a separate work including metro viaduct.	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road <p>and</p> <ol style="list-style-type: none"> 2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.
4.	Section – 6 Packet B (e) Page – 28	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.	Kindly accept the statement showing details of works in hand (Proforma VI-A & VI-B) certified by Statutory auditor of the company.	Tender Condition prevails.
5	Sec 9, GCC 12.(a) 2, Page – 161	The Corporation will make advance to the contractor for the works in two installments. The first installment shall be equal to 5% of the contract price.	We request you to allow 10% interest free or at current MCLR rate mobilization advance to maintain cash flow.	Tender Condition prevails.

		<p>The payment of the first installment of loan be due after (i) execution of the form of agreement by the parties thereto. (ii) payment of Security Deposit by the Contractor and (iii) Submitting the Bank Guarantee by the Contractor from a Bank specified in the tender for an amount equal to 7% (with includes 2% extra for the interest charges) of the Contract price. The first installment of advance loan shall be paid to the Contractor within 28 days after fulfilling all the above requirements under sub items (i) to (iii). Payment of second instalment of the advance mobilization loan upto 5 (five) percentage of the Contract price will be due within a period of 28 days from completion preliminary site establishment works such as construction of access roads to site, Engineer's office, Contractor's site office, Stores, Workshop sheds, etc. to the satisfaction of the Engineer. After certification by the Engineer that the preliminary works are completed satisfactorily, the second instalment will be released after the Contractor submits the Bank Guarantee from a Bank acceptable to the Corporation for an amount equal to 7% (which includes 2% extra for interest charges) of the Contract price. Bank Guarantee shall be submitted in the approved prescribed form. The Bank Guarantee/s for the Advance Mobilization Loan should be valid till the full recovery advance is made. The Contractor shall use the advance payment only towards expenses for materials, preliminary site establishments works, and construction equipment and to meet expenses required specifically to carry out the works. The above advance shall bear simple interest at 12% per annum. The interest on the amounts paid as advance is chargeable from the date the amount is paid.</p>		
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6	Sec 9, GCC 10.(2) D, Page – 159	<p>D) Price variation will be calculated similarly and separately for extra items and / or excess quantities and provisional sums calculated under Sub Clause 10 (b)A (i)&(ii) and Sub Clause 10 (b) B(ii) based on the above formula/formulae in Annexure-I as and when mentioned in Special conditions of contract; IO and WO being the indices applicable to the date on which the rates under Sub Clause 10 (a)A (i)&(ii) and Sub Clause 10 (a) B(iii) are fixed. No price variation shall be admissible for FAIR items created during execution. E) Maximum Price Variation shall be as follows:</p> <table border="1" data-bbox="604 704 1158 967"> <thead> <tr> <th>Time Period of Project</th> <th>Maximum limit of Price Variation</th> </tr> </thead> <tbody> <tr> <td>Up to 12 months</td> <td>No variation allowed</td> </tr> <tr> <td>Above 12 months to 24 months</td> <td>5%</td> </tr> <tr> <td>Above 24 months</td> <td>10%</td> </tr> </tbody> </table>	Time Period of Project	Maximum limit of Price Variation	Up to 12 months	No variation allowed	Above 12 months to 24 months	5%	Above 24 months	10%	Considering the volatile market and time period of work, i.e., 24 months, we request you to provide price variation as per actual difference or as per RBI indices without any capping limit.	Tender Condition prevails.
Time Period of Project	Maximum limit of Price Variation											
Up to 12 months	No variation allowed											
Above 12 months to 24 months	5%											
Above 24 months	10%											
7.	Section – 6 Page 35-36	Release of 2% of Retention Money.	We request you to release cash retention by providing the upfront BG of equal amount at the time of execution in trenches of 5 cr each. Also request you to release the 50% Retention money after completion of work and balance 50% after the completion of DLP period.	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. For refund of Retention money tender condition prevails.								
E	M/s. ZAD Enterprises											
1	Similar Nature of	“Similar nature means at least one single project	As per Clause 2.1 Technical Capacity of	“Similar nature means at least one single								

	Work:	involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements : 1) “The Tenderer(s) should have successfully completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and 2) At least one special structural steel composite span not less than 75 m in length of the bridge work.”	Tender document – Note on Similar Work which states as under : Note In this respect we request your goodself to kindly allow PSC Girder having span 75 m in length as PSC bridge work is also considered.	project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements : 1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and 2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.
2	Submission of Tender		We request your goodself to kindly extend the date of submission by at least 10-12 working days	Tender Condition prevails.
F	G.R. Construction			
1	Similar Nature of Work:	“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder	In this respect we request your goodself to kindly allow PSC Girder work for the condition of 75 m Span as in Similar Nature of work	“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover,

		<p>Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and 2) At least one special structural steel composite span not less than 75 m in length of the bridge work .” 	above – PSC Bridge work in also considered.	<p>ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road <p>and</p> <ol style="list-style-type: none"> 2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.
G	M/s. Gyan Construction Co.			
1.	Similar Nature of Work:	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <ol style="list-style-type: none"> 1) “The Tenderer(s) should have successfully 	<p>In this respect we request your goodself to kindly allow PSC Girder having span 75 mts as in Note of similar nature of work above – PSC Bridge work is also considered.</p> <p>This will allow us to quote the tender and which will lead healthy competition.</p>	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p>

		<p>completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and</p> <p>2) At least one special structural steel composite span not less than 75 m in length of the bridge work.”</p>		<p>1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road</p> <p>and</p> <p>2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.</p>
2.	Submission of Tender		We request your goodself to kindly extend the date of submission of tender by at least 7 working days which will enable us to do site visit and through working to quote competitive rates.	As per Corrigendum-II uploaded on BMC Portal.
H) M/s. Pinakee Engineers & Developers				
1.	Tender Notice	Note : Date of commencement of the work will be the date on which all the above permissions / NOCs from various authorities are in place, however the bidder may be required to carry out Total station survey, soil investigation so as to prepare tentative design for fixing the location of piers which in turn will be required to be submitted to various Authorities while seeking their NOCs/ Permissions. The payment for these will be made as per the schedule of payment attached as Volume-II, SECTION – VIII – SCHEDULE – A1 TO A10, after all the permissions / NOCs	<p>Sir, as per this condition only the date of commencement of work will be considered from the day of receipt of all NOC's but no provision for liability in bid capacity.</p> <p>Hence we request you to kindly consider the following:</p> <p><u>"The captioned work is not a regular & routine work. The scope of work consist of design, build turnkey work i.e EPC project. The work needs</u></p>	Date of commencement of the work will be the date on which all the above permissions / NOCs from various authorities are in place, however the bidder may be required to carry out Total station survey, soil investigation so as to prepare tentative design for fixing the location of piers which in turn will be required to be submitted to various Authorities while seeking their NOCs/ Permissions. The payment for these will be made as per the schedule of payment attached as Volume-II, SECTION – VIII – SCHEDULE – A1 TO

		<p>are in place.</p>	<p><u>various NOC's such as Forest, MOEF, CRZ, Mangroves cutting etc which may take up considerable time. Therefore, the cost of the work (as quoted by the bidder) will not be considered as liability while bidding of the tenders by bidders in various MCGM dept. & other departments in or outside MCGM till the actual start of work (i.e. when actual construction commences on the site). Hence the amount will not be considered as "B" i.e. value of existing commitments till actual start of execution of work on site even after issuing the work order."</u></p> <p>Sir, similar EPC tender was invited by the Roads department (W-401) wherein the bidder had to construct a flyover/Bridge in P/N ward in which similar condition was incorporated by the road department. As this is also an EPC tenders with similar NOC requirement which are very time consuming hence we are requesting you to consider the same. We are attaching a copy of their Corrigendum for your ready reference.</p>	<p>A10, after all the permissions / NOCs are in place.</p> <p><u>"The captioned work is not a regular & routine work. The scope of work consist of design, build turnkey work i.e EPC project. The work needs various NOC's such as Forest, MOEF, CRZ, Mangroves cutting etc which may take up considerable time. Therefore, the cost of the work (as quoted by the bidder) will not be considered as liability while bidding of the tenders by bidders in various MCGM dept. & other departments in or outside MCGM till the actual start of work (i.e. when actual construction commences on the site). Hence the amount will not be considered as "B" i.e. value of existing commitments till actual start of execution of work on site even after issuing the work order."</u></p>
2.		<p>At least one special structural steel composite span not less than 75 m in length of the bridge work."</p>	<p>Sir, for special span we request you to kindly allow Cable Stayed bridge, Balance Cantilever bridge wherein the span length shall be greater than 75 m. As the spans constructed in these types of bridges are also single spans. Hence we request you to kindly allow the above.</p>	<p>“Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders” satisfying following requirements :</p> <p>1) “The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road</p>

				and 2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.
3.		Site Office (under lump sum part of contract)	Sir, we request you to kindly relax the requirement, as we will have to load the cost of the same on to the project	Tender condition prevails.
4.		GST	We request you to clarify if this tender has to be quoted excluding GST or including GST.	Refer notes below
5.		All rebars to be of Stainless Steel as per the specifications mentioned in the Tender.	We request you to allow using TMT bars with FBEC treatment as this is widely used in all tenders. Including bridges constructed over nallas/river in BMC.	Tender condition prevails.
6.		The Tenderer(s) should have successfully completed that bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road	Sir, from the drawing it is seen the total length of the bridge in River/Water is approx. 520 m. Hence we request you to consider "Completed that bridge work of length exceeding 300 m over river/creek/sea/ any water body only".	"Similar nature means at least one single project involving Design & Construction of PSC/Composite Vehicular Bridges, Flyover, ROB, Viaduct of Metro Project, Steel Girder Structure Vehicular Bridge with RCC deck slab or Vehicular bridge which involves placement of steel girders" satisfying following requirements : 1) "The Tenderer(s) should have successfully completed a single bridge work of length exceeding 400 m over river/creek/sea/ any water body/Railway/Road and

				2) At least one special structural steel composite span / PSC Girder not less than 75 m in length of any vehicular bridge work and in case the 75m span is of PSC Girder then the tenderer should have executed fabrication of Structural Steel bridge work of not less 550 tonne in any single vehicular bridge work.
7.		Type of superstructure for Viaduct & Obligatory requirements & Type of Superstructure	<p>Pre-Cast Post Tensioned Pre-Stress Segmental/cast-in-situ Box Girder, Structural Stainless Steel composite Girder, Network Arch Balance cantilever. Balance Cantilever (40m+80m+40m=160m) Structural Stainless Steel composite Girder (1 no. span of 45m, 2nos. span of 60m)</p> <p>Sir, we request you to kindly allow PSC Girder and other new methodologies for constructing the bridge and viaduct.</p> <p>We also request you to kindly not emphasis on Balance Cantilever (for obligatory span) as there are several other methodologies we can adopt for the same.</p>	PSC I girders may be allowed (except for obligatory span – Network Arch span) subject to approval from BMC proof checking consultant and aesthetics of the bridge is not compromised subject to approval of Engineer in charge.

NOTES:

1. All bidders shall take note of the change in format in VOL-II SECTION – VI – TOTAL PRICE SCHEDULE. Revised format is uploaded as ADDENDUM-I .
2. The Current cost works out to Rs. 287,20,31,988.21/- tentatively by applying the difference in all commodities Wholesale Price Index & Labour Index of latest available and index applicable while preparing USOR 2018 / fair items.
3. Bidders to note that while awarding the work the current cost as given in Point no. 2 above will also be considered.
4. The tentative estimated cost worked out with USOR 2018 amounts to Rs. 238,01,39,589/-.

Sd/-
Ex. Eng(Bridges)City

Sd/-
Chief Engineer (Bridges)

Sd/-
D.M.C. (Infra)

Sd/- 27.09.2022
A.M.C. (P)