



E-TENDER

FOR

Name of Work: SITC of Interactive panel for digital class room at various municipal schools.

Bid No.: 2024_MCGM_1094403_1

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

Office of:-

E.E.Mech.(E.I.) Maint,

Municipal Workshop,

R.S. Nimkar Marg,

Byculla, Mumbai- 400 008.

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SECTION 1

E-TENDER NOTICE

MUNICIPAL CORPORATION OF GREATER MUMBAI

Chief Engineer (M & E)

No. EE/Mech/E.I/ /MaintDt-

E-TENDER NOTICE

Subject: SITC of Interactive panel for digital class room at various municipal schools.

The Brihanmumbai Municipal Corporation (BMC) invites e-tender for the aforementioned work from contractors of repute, multi disciplinary 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 in Electrical/Mechanical with the Municipal Corporation of Greater Mumbai, (BMC) with valid registration of **Class 'AA'** in Mechanical & Electrical category as per registration rule 2015 & **Class 'A'** in Mechanical & Electrical category as per new registration rule 2016 (**excluding those who are blacklisted OR against whom FIR has been filed**) OR from the contractors / firms equivalent and superior classes registered in Central or State Government/Semi Govt. Organization/Central or State Public Sector Undertakings, will be allowed subject to condition that, The contractors who are not registered with BMC will have to apply for registering their firm within three months time period from the 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.

Bidder should note that the Tender Scrutiny fee of Rs. 27,500/- + 18 % GST will be payable immediately after opening of Packet A & B in any of the Ward Citizens Facilitation Centers (CFCs) or will recover from EMD of concerned bidder as per Circular No. CA/FRG/03 dt. 11.05.2023.

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

i) To download the application form, for those applicants not having vendor registration, need to apply first for vendor registration at the office of CPD Byculla.

ii) The forms of Tender documents are available on the e-Tendering website <https://mahatenders.gov.in>. The aspiring Applicants will have to download Tender form, from the website mentioned above. The bidder has to fill in online format and upload information regarding Tender Online. Also he has to download the Tender application form from website, fill it and upload the scanned copy of duly filled form, along with required documents.

iii) For purchasing the Tender documents, the bidders will have to get registered with e-tender portal (<https://mahatenders.gov.in>) for the e-tendering process and obtain login credentials to participate in the online Tender process. The details of the same are available on <https://mahatenders.gov.in>. For registration, enrolment for digital signature certificates and user manual, please refer to respective links provided in e-tendering tab on <https://mahatenders.gov.in>

Name and location of work	Contract Period	Estimated Cost of Project
S.I.T.C. of Interactive panel for digital class room at various municipal schools.	(For SITC- 6 Months including monsoon) 5 years DLP	Item Rate Tender (Excluding GST)

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. 37,84,600/-** (Rupees Thirty seven lakh eighty four thousand six hundred rupees only). The “EMD” refundable in accordance to the relevant clause of bid document, from the Bid Due Date, except in the case of the selected Bidder whose Bid Security/EMD shall be retained. The Bidders will have to provide Earnest Money Deposit through the payment gateways while submitting the bids. The Bid shall be summarily rejected if it is not accompanied by the Earnest Money Deposit. The e-tender is available on NIC portal (<https://mahatenders.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 E.E. Mech (E.I.) Maint. 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 BMC Portal. (<http://portal.mcgm.gov.in>) as well as on NIC Portal <https://mahatenders.gov.in>

The Applicants interested for the above referred works may contact the E.E. Mech.(E.I.)Maint., at the following address on any working day during office hours.

Office of: E.E.Mech(E.I.)Maint., BMC
Municipal Workshop,
R.S.Nimkar Marg,
Byculla, Mumbai- 400 008,

The applicants may wish to visit the sites under reference, various Municipal Schools under Education Department in City, Eastern & Western Suburb of BMC can collect the information of the present status from the department who have invited the bids.

The BMC reserves the rights to accept any of the application or reject any or all the application received for above works, without assigning any reasons thereof. The information regarding above subject matter is available on NIC Portal <https://mahatenders.gov.in>

Note: As per Circular Dir./IT/F-505038 Dtd. 19.12.2023 Use of e-Procurement System of Gov. of Maharashtra (Mahatender) for all tenders in BMC instead of SAP SRM is made mandatory. Contractor has to enroll and obtain credentials for the same.

Sd/-
E.E.Mech(E.I.)Maint

HEADER DATA

Bid Number	2024_MCGM_1094403_1
Subject	SITC of Interactive panel for Digital Classroom at various Municipal Schools.
Scrutiny Fees	(Rs. 27,500/- + 18% GST).
Cost of E-Tender (Estimated Cost)	(Item Rate Tender)
Bid Security Deposit/ EMD	Rs. 37,84,600/-
Date of issue and sale of tender	30.09.2024 from 11:00 Hrs
Last date & time for sale of tender & Receipt of Bid Security Deposit	14.10.2024 upto 16:00 Hrs
Submission of Packet A, B & Packet C (Online)	14.10.2024 upto 16:00 Hrs
Pre-Bid Meeting	07.10.2024 at 11.30 Hrs at Ch.Engr (M&E) Worli Engineering Hub, Dr E Moses Rd.Worli Mumbai-400018
Opening of Packet A	15.10.2024 after 16:01 Hrs
Opening of Packet B	15.10.2024 after 16:02 Hrs.
Opening of Packet C	23.10.2024 after 13:00 Hrs.
Website	https://mahatenders.gov.in
Address for communication	Office of the:-E.E.Mech(E.I.)Maint., MCGM Municipal Workshop, R.S.Nimkar Marg, Byculla, Mumbai- 400 008
Venue for opening of bid	On line in E.E.Mech(E.I.)Maint's office.

This tender document is not transferable.

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

Sd/-
E.E.Mech(E.I.)Maint

SECTION 2

ELIGIBILITY CRITERIA

A) Eligibility Criteria

~~1. For Regular, Routine and Maintenance works: (Not Applicable)~~

~~1.1 Technical Capacity~~

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

- ~~a) Three similar completed works each of value not less than the value equal to _____ Rs. 1,20,99,804/- OR~~
- ~~b) Two similar completed works each of value not less than the value equal to _____ Rs. 1,51,24,755/- OR~~
- ~~c) One similar completed work of value equal and or not less than the value equal to Rs. 2,41,99,609/-~~

~~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.~~

~~1.2. Financial Capacity:-~~

~~Achieved an average annual financial turnover as certified by 'Chartered Accountant' equal to Rs 50 Cores 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.~~

~~1.3 Similar Experience:~~

~~For assessing the technical capacity of Regular, Routine and Maintenance works; Similar work shall mean, the completed or ongoing works of' in Building Construction OR Building Maintenance such as repairs/retrofitting /structural repairs OR construction/repairs of Asphalt/ Concrete roads OR laying/rehabilitation of sewer lines along with allied components OR laying/rehabilitation of water pipe lines in Cast Iron/ M.S. pipes / HDPE/ MDPE pipes OR repairs/maintenance/ construction of culverts over nullah.~~

2. For Original and New works

Eligibility criteria will be as per Technical Evaluation Marking (QCBS)

2.1 Technical Capacity

I. The tenderer(s) in their own name should have satisfactorily executed the work of similar nature MC /Semi Govt. /Govt. & Public Sector Organizations during last seven (7) years ending last day of month previous to the one in which bids are invited as a prime Contractor (or as a nominated sub-Contractor, where the subcontract had involved similar nature of work (clause **2.3 Similar experience mentioned below**) as described in the scope of works in this bid document, provided further that all other qualification criteria are satisfied).

II. Bidders has to upload undertaking by the Original Equipment Manufacturer (OEM) on letter head as per prescribed format “Annexure F” as per terms and conditions for OEM mentioned in SBD, failing to which they will be treated as non responsive and 10% EMD will be forfeited.

III. Memorandum of Understanding (MOU) between the bidder & the education content provider mentioning that the e-content provider will give technical support for the educational content for 5 years. It will be the responsibility of the e-content provider to make necessary changes in the e-content with the change in syllabus as declared by any of the board of Municipal school in short period of time.

IV. A consortium of maximum of 2 companies is allowed with Lead Bidder and Consortium Partner.

- If the Contractor is a partnership or a consortium, this Agreement must be signed by all partners or consortium members.
- If the Contractor is a company or a consortium, this Agreement must be signed by all power of Attorney holders of consortium members.
- If the Contractor is a proprietorship or a consortium, this Agreement must be signed by all proprietors of consortium members.

2.2 Financial Capacity

Eligibility criteria (Financial) will be as per Technical Evaluation Marking.

To ascertain this, tenderer(s) shall furnish /upload the financial statement (Audited balance sheet) duly certified by Chartered Accountant.

The turnover can be enhanced by 10% every year to bring the present level.

2.3 Similar experience: assessing the technical capacity of original & new constructed works; Similar work shall mean the completed or ongoing works of SITC of Digital class rooms with interactive panel/ Smart classroom with projector and educational content /Smart Classroom / Language Lab / Digital Library / Information communication technology (ICT) / Computer Centre/ Information technology(IT) /information technology enable service(ITeS).

***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.**

Technical Evaluation Criteria

The Supporting documents required for technical evaluation criteria shall be uploaded in packet 'B' (In case of consortium certificate of any of the partner will be considered).

Sr. No.	Criteria	Marks Allotted	Max. Marks	Documentary evidence required.
1	<p>The tenderer should have an min. average annual turnover of Rs. 11 Crores during the last 3 financial years as on date of submission of bid.</p> <p>The tenderer should be a profit-making organization and should have positive net worth as per audited account of financial year i.e. 2021-2022 /2022-23 & 2023-24.</p>	<p>The marks would be provided based on the following:</p> <p>a. 11 Cr. to 20 Cr. = 5 Marks</p> <p>b. >20 Cr. to 30 Cr. = 10 Marks</p> <p>c. >30 Cr. =20 Marks</p>	20	<p>Certified Copy of Audited balance sheet & Profit Loss account of last three financial years (2021-22, 2022-23 & 2023-24).</p> <p>Certificate from the CA with their Registration number & Seal for confirming annual turnover and Positive Net Worth.</p>
2	<p>I. The tenderer(s) in their own name should have satisfactorily executed the work of similar nature MCGM /Semi Govt. /Govt. & Public Sector Organizations during last seven (7) years in which bids are invited as a prime Contractor (or as a nominated sub-Contractor, where the subcontract had in-volved similar nature of work (Similar work shall mean the completed or ongoing works of SITC of Digital class rooms with interactive panel/ Smart classroom with projector and educational content</p>	<p>Summing up value of Maximum 3 Projects is Minimum 22Cr to 30Cr</p> <p>– 5 Marks</p> <p>Summing up value of Maximum 3 Projects is between >31 Cr to <40 Cr</p> <p>– 10Marks</p> <p>Summing up value of Maximum 3 Projects is above 40 Cr</p>	15	<p>Work order/ Contract clearly Highlighting the scope of work, Bill of Material and value of the Contract/order.</p>

	<p>/Smart Classroom / Language Lab / Digital Library / Information communication technology (ICT) / Computer Centre/ information technology(IT) /information technology enable service(ITeS).</p> <p>as described in the scope of works in this bid document, provided further that all other qualification criteria are satisfied)</p> <p>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</p> <p>*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.</p>	- 15Marks		
3	<p>Tenderer should have minimum 2 of the following certifications:</p> <p>i. ISO 9001:2015</p> <p>ii. ISO20000:2018</p> <p>iii. ISO27001:2013</p> <p>iv. CMMI Levels 3 or Higher Certified company in the field of IT / IT Services.</p>	<p>Any 2 certifications – 5 Marks</p> <p>Any 3 certifications – 10 Marks</p> <p>All 4 certifications – 15 Marks</p>	15	Copy of the latest valid certifications
4	<p>The digital e-learning platform OEM should have executed / executing projects of e-learning</p>	<p>450 to 900 devices</p> <p>– 10 Marks</p>	20	Work order/ Contract indicating Scope of work, bill of material of the contract/work issued &

	software, Online MIS Dashboard, teacher training, multimedia content at least 450 Devices in Government schools in last five (05) years.	901 to 1300 devices 15 Marks >1300 devices – 20 Marks		signed, stamped by the competent authority of the client entity on the entity's letterhead.
5	Technical Presentation on:	Technical presentation to the tender evaluation committee.	30	
		TOTAL MARKS	100	

Important: Bidders need to score minimum 70 marks to get technically qualified and be eligible for Commercial Bid Opening. The following sub-sections explain how the Bidders shall be evaluated on each of the evaluation criteria.

Similar project experience: This phrase mentioned in above table would mean experience of those projects which have similar components under implementation as mentioned in the scope of this RFP

Commercial Evaluation Process

- 1) Total Price shall be calculated based on the format provided in Section Format for Financial Bid .The Total Price (C) for each responsive bid shall be sum of Capex cost and Opex cost, where, Opex cost should be all inclusive of the costs of necessary goods such as spare parts, software license renewals, labor etc. needed for the continued and proper operation of the system.
- 2) The lowest Total Price (C) as calculated above shall be given a commercial score (CS) of 100 points. The Commercial Score of the other bidders shall be calculated with respect the lowest Total Price by any bidder. The methodology of Commercial Score shall be as follows.
- 3) Commercial Score of the bidder under consideration = (Lowest Total Price from all Commercial Bids / Total Price based on the Commercial bid by the bidder under consideration) X 100

Total Bid Evaluation

1) Evaluation criteria proposed to be adopted will be Quality cum Cost Based System (QCBS) where Technical Bid Score will get a weightage of 70% and Commercial Bid Score a weightage of 30%.

2) The bidder would be technically evaluated out of 100 marks. All the bidders who secure overall minimum of 70% (70 Marks out of 100 across all the components together) will be considered as technically qualified. Technical score of all bidders will be calculated on the basis of the following formula:

Technical Score of bidder (TS) = Technical Marks received by the bidder x 70%

3) The Bid having the Lowest Commercial Quote shall be termed as the Lowest Evaluated Bid and will be awarded 100 marks. Commercial score of all the other bidders will be calculated on the basis of the following formula:

Commercial score of bidder (CS) = Commercial Quote of the lowest bidder x 100 x 30%

Commercial Quote of the bidder

4) Final Score of the bidder: Final Score of each bidding party will be computed by adding the Technical score and Commercial Score on the basis of the following formula:

$$\text{Total Score} = \text{TS} + \text{CS}$$

5) The bidder whose bid has secured the “Highest Total Score” out of 100 as per above evaluation will be considered as best evaluated Bid.

6) In case of a tie where two or more bidders achieve the same highest overall score, the bidder with the higher technical score will be invited first for negotiations

7) Tendering Authority is not bound to accept the best evaluated bid or any bid and reserves the right to accept any bid, wholly or in part.

8) Example demonstrating the calculation of Technical Score and Commercial Scores is provided below:

Bidder	Marks Received by bidder	Calculations	Technical Score of bidder (TS)
Bidder 1	88	88*70%	61.6
Bidder 2	90	90*70%	63
Bidder 3	80	80*70%	56
Bidder 4	95	95*70%	66.5

Bidder	Commercial Quote Provided by Bidder after calculating Capex and Opex (As Above)	Calculation of commercial score	Commercial Score of Bidder (CS)
Bidder 1	110	$(110/110)*100*30\%$	30
Bidder 2	140	$(110/140)*100*30\%$	23.57
Bidder 3	160	$(110/160)*100*30\%$	20.63
Bidder 4	130	$(110/130)*100*30\%$	25.38

Total Score for each bidder

Bidder	Technical Score (TS)	Commercial Score (CS)	Total Score
Bidder 1	61.6	30.0	91.6
Bidder 2	63.0	23.57	86.57
Bidder 3	56.0	20.63	76.63
Bidder 4	66.5	25.38	91.88

The bidder with the highest final score shall be treated as the best evaluated Bid. In the above example, Bidder 4 will be treated as best evaluated Bid.

B) Bid Capacity: (Not Applicable for this tender)

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

~~Where,~~

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

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

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

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

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

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

~~—Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.~~