BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

Quotation Document

Name of Work : Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories

Tender ID : **2026_MCGM_1349776_1**

Website: https://mahatenders.gov.in
http://portal.mcgm.gov.in/tenders

Office of the: Executive Engineer (M & E) Panjrapur,
Administrative Building,1st Floor,
Water Treatment Plant,Panjrapur, Post - Vadpa,
Taluka -Bhiwandi, District- Thane,
Maharashtra, Pin Code No.421302,
Email:- eemnepjppc.he@mcgm.gov.in

Prepared by	Checked by	Verified by	Approved by
Sd/-	**Sd/-**	**Sd/-**	**Sd/-**
SE (Instru) Panj	**AE (Instru) Panj**	**EE (M&E) Panj**	**Dy.HE (PPC)**

BRIHANMUMBAI MUNICIPAL CORPORATION

No. Dy.H.E. / P.P.C./----------dated

E-QUOTATION NOTICE

Name of Work:- Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories

The BRIHANMUMBAI MUNICIPAL CORPORATION (BMC) invites e-QUOTATION on "Item Rate" basis in Packet 'A', and 'B' system for the aforementioned work from the quotationer which are reputed, multidisciplinary engineering organizations i.e. eminent firm, Proprietary / Partnership Firms / Private Limited Companies / Public Limited Companies / Companies registered under the Indian companies act 2013

Bidding Process will comprise of TWO stages.

The application form can be downloaded from e-procurement system of Government of Maharashtra (Mahatenders) (https://mahatenders.gov.in). The applicants not registered with BMC are mandated to get registered (Vendor Registration) with BMC for e-tendering process & also with Mahatenders & obtain login credentials to participate in the online bidding process. (The application form for BMC vendor registration can be downloaded from BMC's portal (http://portal.mcgm.gov.in) on payment of Rs.1000+18% GST.

i) To download the application form, for those applicants not having vendor registration, vendor registration at the office of Chief Account (CPD), Byculla Bakariadda, Mumbai **(Note- Online vendor registration is available on BMC's portal http://portal.mcgm.gov.in)**

ii) Followed by Mahatenders login ID and password to be obtained from Mahatender portal https://mahatenders.gov.in

iii) For e-Tendering registration, enrollment for digital signature certificates and user manual, please refer to respective links provided in 'Tenders' tab. Vendors can get digital signature from any one of the Certifying Authorities (CA's) licensed by controller of certifying authorities namely, Safes crypt, IDRBT, National informatics center, TCS, CUSTOMS, MTNL, GNFC and e- Mudhra CA.

The applicant shall pay the applicable Tender Fee with applicable GST Extra) through payment gateways of GoM Mahatenders Portal on URL https://mahatenders.gov.in .

Tender ID	**Name and location of work**	**Contract period**	**Estimated Cost of Project**
2026_MCGM_ 1349776_1	Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories	**02 Months (Including/ Monsoon)**	Not Applicable being Item Rate Quotation

While submitting duly filled Quotation document on Mahatenders Portal, quotationer needs to pay total EMD amounting to Rs. **2200/-** online through https://mahatenders.gov.in. EMD is refundable in accordance to the relevant clause of quotation document, except in the case of the selected quotationer whose quotation Security/EMD shall be retained. The quotationers will have to provide Earnest Money Deposit through the payment gateways while submitting the quotations. The quotation shall be summarily rejected if it is not accompanied by the Earnest Money Deposit. The quotation is available on e-Procurement System of Government of Maharashtra (Mahatenders) (https://mahatenders.gov.in) as mentioned in the Header Data of the quotation.

As per TWO Packet systems, the document for Packet A & B is to be uploaded by the bidder in vendors' document online in **Packet A (Fee and Pre-qualification cover)** & **Packet B (Finance cover)**. Packet A & B 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 quotations, in the office of Dy. Hydraulic Engineer (Pise-Panjrapur Complex). The Packet-B shall be opened if quotations submission in Packet A 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-Quotation(s) without assigning any reasons at any stage.

The dates and time for submission and opening the quotations are as shown in the Header Data. If there are any changes in the dates the same will be displayed on e-procurement system of Government of Maharashtra (Mahatenders) (https://mahatenders.gov.in).

The Applicants interested for the above referred works may contact the Executive Engineer (M & E) Panjrapur at the following address on any working day during office hours.

Office of:	Executive Engineer (M & E) Panjrapur Administrative Building, 1st Floor, Water Treatment Plant, Panjrapur, Post : Vadpa, Taluka :Bhiwandi, District:Thane, Pin Code No.421302 *Email :-* **eemnepjppc.he@mcgm.gov.in**

The applicants may wish to visit the site under reference located at Panjrapur, Post: Vadapa, Tal: Bhiwandi, Dist: Thane and can collect the information of the present status from the department who have invited the quotations.

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 e-procurement system of Government of Maharashtra (Mahatenders) (https://mahatenders.gov.in).

BIDDERS ARE REQUESTED TO GO THROUGH THE e- TENDER GUIDELINES ON NIC PORTAL (https://mahatenders.gov.in).

Bidders are also advised to refer "Bidders Manual Kit" available at https://mahatenders.gov.in/nicgep/apppage=BiddersManualKit&service=page for further details about the e-tendering process.

For any help, in the e-Tendering process, can be availed by dialing Eprocurement help-desk number **0120-4001002/5 and 0120-4493395**.

For Technical Support Email: support-eproc@nic.in

Sd/-

Executive Engineer
(M&E) Panjrapur

HEADER DATA

Quotation Document No.	**2026_MCGM_1349776_1**
Name of Organization	BRIHANMUMBAI MUNICIPAL CORPORATION
Subject	**Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories.**
Tender Fee	**Rs. 472/- (400+18% GST)** (to be paid online on Mahatender portal)
Cost of E-tender (Estimated Cost)	Not Applicable being Item Rate Quotation
Bid Security Deposit/ EMD	**Rs2,200/-** (100 % of EMD to be paid Online on Mahatender portal)
Date of issue and sale of quotation	04.11.2026 from 11:00 Hrs
Last date & time for sale of quotation	17.11.2026 upto 12:00 Hrs
Submission of Packet A, & Finance Packet B (Online) & (Receipt of Bid Security deposit)	17.11.2026 upto 16:00 Hrs
Pre-Bid Meeting	Not Applicable.
Opening of Packet A	18.11.2026 After 16:10 Hrs
Opening of Finance Packet B	25.11.2026 after 15:00 Hrs
Address for communication	Office of Dy. Hydraulic Engineer (Pise-Panjrapur Complex) Panjrapur Water Treatment Plant, Administrative Building, 1st Flr., Post: Vadapa, Tal: Bhiwandi, Dist:Thane. Email:- eemnepjppc.he@mcgm.gov.in
Venue for opening of bid	Online in **Dy.HE (PPC)**'s office.

This quotation 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/

Executive Engineer
(M&E) Panjrapur

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department, O.C. Div.)

Quotation Document

1	E-quotations are invited for **"Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories."** as per attached terms and conditions, specifications and bill of quantities, etc.
2	The Quotation document is available on the e-Tendering website https://mahatenders.gov.in. The prospective quotationers shall have to download the quotation from the website mentioned above. The quotationer has to fill in online format and upload information, the scanned copy of duly filled form, along with required documents regarding quotation online.
3	For purchasing the quotation documents, the quotationers shall 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 e-quotation process. The details of the same are available on https://mahatenders.gov.in. For registration, enrollment for digital signature certificates and user manual, please refer to respective links provided in e-tendering tab on https://mahatenders.gov.in.
4	The quotationers interested for the above referred works may contact the Executive Engineer (M&E) Panjrapur at the following address on any working day during office hours. Executive Engineer (M&E) Panjrapur Administrative Building, 1st Floor, Water Treatment Plant, Panjrapur, Post : Vadpa, Taluka :Bhiwandi, District:Thane, Pin Code No.421302 Email :- eemnepjppc.he@mcgm.gov.in
5	The quotationer has to pay Quotation Fee of Rs.**400/-** + (9% CGST+ 9% SGST) online on Mahatenders Portal. The copy of the Tender Fee paid receipt shall be submitted online alongwith the quotation in packet A.
6	While submitting duly filled quotation document on Mahatender, bidder needs to pay total EMD amounting to Rs.**2,200**/- online through payment

	gateways of GoM on URL https://mahatenders.gov.in. EMD is refundable in accordance to the relevant clause of quotation document, except in the case of the selected quotationer whose quotation Security/EMD shall be retained. The bidders shall upload the scanned copy of online paid EMD along with the bid submission in Packet 'A'. If the bidder is found non responsive after scrutiny of Packet- 'A', in such circumstances, the bidder will be made non responsive and financial Packet- 'B' of non-responsive bidder will not be opened. However, there will not be any forfeiture of EMD. The quotation shall be summarily rejected if it is not accompanied by the Earnest Money Deposit receipt.
7	The e-quotation shall be submitted as per Header data for the **"Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories."** The Packet-'A' and Packet- 'B' of the Quotations will be opened as per Header data mentioned in E-quotation notice.
8	**Post Qualifying Criteria (Eligibility)**: The bidder should specifically note the following post qualifying criteria towards their eligibility. A) **Technical Capacity (Non Curable document)** The quotationer(s) in their own name should have satisfactorily executed the work of similar nature in BMC/ Semi Government/ Government/ 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 of similar nature each of value not less than the value equal to Rs.65,880 /-** Or **b) Two similar completed works of similar nature each of value not less than the value equal to Rs.76,860 /-** Or

	c) One similar completed work of similar nature of value not less than the Rs. 1,09,800/- 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 quotations. Bidder shall upload documentary evidence for eligibility along with the quotation.
	B) Financial Capacity :- (Non Curable document) Achieved an average annual financial turnover as certified by 'Chartered Accountant' equal to Rs**.65,880**/- during **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 quotations.
	C) Similar Experience:- (Non Curable document) For assessing the technical capacity of Regular, Routine & Maintenance works; similar work shall mean the completed **Mechanical or Electrical work** for BMC/Semi Government/Government/Public Sector Organizations. **Necessary documentary proof (PO and completion certificate) shall be submitted along with (To be submitted with Technical Packet-A) the quotation, otherwise the quotation will be treated as non-responsive.**

9	The quotationer shall upload all the pages of the Quotation document and every relevant information / certificates / literature etc., enclosed in packet 'A' & offer price in packet 'B'. The Packet "A" shall contain scanned certified copies of the following documents, upload with quotation documents. The Packet "A" shall contain scanned certified copies of the following documents, upload with quotation documents **:**

1	Digitally signed All pages of the Quotation document
2	Information form **Annexure "A" (Personal Details)**
3	Information form **Annexure "B"**
4	**Annexure "C" UNDERTAKING CUM INDEMNITY BOND** (on Rs. 200 stamp paper)
5	**Annexure "D" The Affidavit for Best price** on Rs.200/- stamp paper duly notarized.
6	The printed undertaking in Quotation document addressed to the Municipal Commissioner **(Undertaking-I)**
7	Copy of G.S.T. registration certificate
8	Copy of original/certified copies of the PAN Documents **with the photograph** shall be provided.
9	Partnership Deed / Registered power of attorney duly registered with C.A.(WSSD) and any other documents if applicable
10	Scanned copy of EMD online paid receipt.
11	**Documents related to technical and financial capacity with respect to Eligibility criteria as stipulated in the quotation document (Non-curable)** .
12	The quotationer shall submit the registration certificate as per ESIC 1948 Act for the firms having the followings: (i) The firms having production with the help of energy & having the employees more than 10. (ii) The firms having production without energy & having the employees more than 20. If the quotationer is not fulfilling i) or ii) above, then the declaration to that effect is required to be submitted on Rs. 200/- stamp paper.

13	If the quotationer's firm/ establishment have less than 20 employees, registration certificate as per EPF & MP Act 1952 is not required but declaration to that effect is required to be submitted on Rs.200/- stamp paper
14	Annexure-1 (Technical Datasheet), if applicable
15	Annexure-2 (Technical Deviation Schedule), if applicable
16	Annexure-F (Undertaking for site visit), if applicable
17	Annexure- G (Environmental Management Plan)

Note :-

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

a. Non-submission of following documents,

i. Copy of GST Certificate

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

iii. Partnership Deed and any other documents

iv. Undertakings as mentioned in the quotation document.

v. Technical Data sheet, Deviation sheet

ii) Non-curable Defect shall mean

a. In-adequate submission of EMD / ASD (ASD applicable only for Percentage Rate bid)

b. The documents evidence of technical or financial capacity with respect to Eligibility criteria as stipulated in the quotation.

c. No proper submission of experience certificates and other documents, etc

Note:

1. No communication will be made with the quotationer in case of non-curable defects.
2. If it is found that the quotationer has not submitted required curable documents in Packet "A" then, the shortfalls will be communicated to the quotationer 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.**
3. **Shortfalls:** Maximum 5 shortfalls of curable defects shall be allowed and in case, curable defects are not compiled by quotationer within given time period, the quotationer shall be treated as Non-Responsive & such cases will be informed to Registration and Monitoring Cell Such non-submission of documents will be considered as Intentional Avoidance' and if three or more cases in 12 months are reported, shall be viewed seriously and disciplinary

	action against the defaulters such as banning/de registration, etc. shall be taken by Registration Cell with due approval of the concerned AMC.(CA/Finance/Project/19 dt 04.03.2024)
10	Quotationers are expected to fill their quotations documents carefully and scrutinize them before uploading them on website stated above. No verification on any ground such as mistake or misunderstanding will be allowed after the quotation is opened, recommended or accepted.
11	GUIDELINES to Quotationers a) The Successful quotationer shall not withdraw his offer within the validity period. If he does so, the Earnest money deposit paid will be absolutely forfeited to the Corporation. b) Quotationer shall fill online BOQ properly in case any query he shall contact to the concerned section. c) The quotationer shall upload all the pages of the documents and every relevant information / certificates / literature etc., enclosed in packet 'A' & offer price in packet 'B'. The mandatory documents prescribed in notice shall be filled in completely otherwise there will be out rightly rejected. d) The rates quoted shall be firm and no variation will be allowed on any account. e) Submission of Quotation - The quotationer shall invariably submit this quotation document together with the specification, schedule of quantity duly filled in and signed online in packet A and rates in packet B. Any irregularity in this respect may render the quotation liable for rejection. f) The firm who are not registered with BMC as vendor, may apply online before participating in the process of quotation. g)The Municipal Commissioner does not bind himself to accept the lowest or any quotation and reserves the right to select one or more items of the quotation and the quotationer will be required to supply any item or items so selected at the rates quoted. h) The Corporation reserves right to reject all the Quotations or the lowest or any other Quotation which in the judgment the Corporation does not appear to be in its best interest and the quotationer shall have no cause of action or claim against the Corporation or its Officers, employees, successors or assigner for

	rejection of its Quotation.
12	**Taxes** The quotationer shall quote inclusive of all taxes other than GST (Excluding GST), Levies, Duties, Cess etc. as applicable at the time of bid submission. GST as applicable shall be paid separately on submission of bills / invoice . Input Tax Credit of GST as available with the bidder will not be claim separately by BMC. However, while quoting the rates benefit of Input Tax Credit or Exemption shall be pass on to the BMC by way of equivalent reduction in quoted price. If contract cost exceeds 2,50,000.00 (Excluding GST), 2% GST TDS (1% CGST + 1% SGST or 2% IGST) will be deducted at source Further, all the provisions of GST Act will be applicable to the quotationer.
13	**Income Tax**: The contractor shall pay Indian Income Tax on all payment made to him under the contract, other than reimbursement made to him by the corporation to cover payment by the contractor of minor custom dues etc. or any other payment which the contractor may make on the Corporations behalf. Under the provision of section 194 C of the Income Tax Act. The corporation is required to deduct tax from the source. Under present legislation, will deduct as Tax 2% of the gross amount of each bill submitted. Any expatriate site staff not normally residents of India, employed by the contractors shall pay personal Income Tax on all money earned and paid in India.
14	Period of delivery of articles/completion of work shall be specifically stated but shall not be more than **Two Months (Including)** from the date of receipt of work order. The quotation shall include free delivery at site, i.e. up to site at Panjrapur Plant.
15	Every quotation shall remain open for acceptance for 120 days from the date of opening of the quotation. As some minimum period for evaluating the various samples and obtaining approval of competent authority is necessary. Quotations specifying the validity less than 120 days shall be rejected out rightly.
16	GUARANTEE (Not applicable for Testing/calibration/AMC Works) The successful quotationer shall give a guarantee for 12 calendar months from the date of supply / commissioning or completion of the work for any manufacturing defects or faulty workmanship on BMC

	prescribed "Maintenance Guarantee" form affixed with Rs. 100/- adhesive stamp / franking. If any defect is noticed within the guarantee period and intimated to the contractors, the same shall be rectified free of cost. Prescribed maintenance guarantee forms are obtainable from the office of the Chief Accountant, BRIHANMUMBAI MUNICIPAL CORPORATION, Head Office, Mahanagarpalika Marg, Mumbai – 400 001.
17	TERMS OF PAYMENT As per the Municipal procedure, the payment for work done will be made within 30 days from the receipt of the correct bill subject to verification as per normal rules. In case of supply of any articles, the payment will be made within 30 days from the receipt of the bill subject to satisfactory test/approval of the articles including its installation, if any
18	Intending quotationers are informed that the payment of bills and other claims arising out of the contract shall be made in the name of the bank by online transaction only. The quotationer, therefore, shall have to upload the information as regards the name and complete address of their bank, its branch and their A/ C No. etc. along with the quotation documents. They shall also have to submit fresh information when there is any change in this regard.
19	Penalty:- If the Contractor fails to complete the works and clear the site on or before the Contract or extended date(s) / period(s) of completion, he shall, without prejudice to any other right or remedy of Municipal Corporation on account of such breach, pay as agreed compensation, amount calculated as stipulated below (or such smaller amount as may be fixed by the Engineer) on the contract value of the whole work or on the contract value of the time or group of items of work for which separate period of completion are given in the contract and of which completion is delayed for every week that the whole of the work of item or group of items of work concerned remains uncompleted, even though the contract as a whole be completed by the contract or the extended date of completion. For this purpose the term 'Contract Value' shall be the value of the work at Contract Rates as ordered

	including the value of all deviations ordered: • Completion period for projects (originally stipulated or as extended) not exceeding 6 months : **to the extent of maximum 1 percent per week.** • Completion period for projects (originally stipulated or as extended) exceeding 6 months and not exceeding 2 years: **to the extent of maximum ½ percent per week.** • Completion period for projects (originally stipulated or as extended) exceeding 2 years : **to the extent of maximum ¼ percent per week.** When the delay is not a full week or in multiple of a week but involves a fraction of a week the compensation payable for that fraction shall be proportional to the number of days involved. i) Completion period (as originally stipulated or as extended) not exceeding 6 months: **10 percent.** ii) Completion period (as originally stipulated or as extended) exceeding 6 months and not exceeding 2 years : **7½ percent.** iii) Completion period (as originally stipulated or as extended) exceeding 2 years : **5 percent.** The amount of compensation may be adjusted set off against any sum payable to the contractor under this or any other contract with the Municipal Corporation.
20	All quotationers must state the **names and addresses of all the partners** in the space provided for, in the papers. Any quotationer failing to do so, will render himself liable to have his deposit forfeited, and the contract, if entered into, canceled at any time during its currency.
21	If it is found that two or more persons who are connected with one another either financially or as principal and agent or master and servant, have quoted separately under different names for the same contract without disclosing connection, the same will be rejected, and the deposit will be forfeited. Any contract entered into such conditions will also be canceled at any stage and time during its currency.
22	The firms with common Proprietor / Partner or connected with one another either financially or as principal and agent or as master and servant or with

	proprietor / partners closely related to each other such as husband, wife, father / mother and minor son / daughter and brother / sister shall not quote separately under different name for the same contract.
23	If it is found that firms as described above have quoted separately under different names for the same contract, all such quotationer (s) shall stand rejected and EMD of each such firm / establishment shall be forfeited. In addition, such firms / establishments shall be liable at the discretion of the Municipal Commissioner, for further penal action including blacklisting.
24	If it is found that closely related persons as described above have submitted separate quotation under different names of firms / establishment but with common address for such establishments / firms and or if such establishment / firms though they have different addresses are managed by or governed by the same person / persons jointly or separately such quotationers shall be liable for action as in above clause, including similar action against the firms / establishments concerned.
25	If after award of contract, it is found that the accepted violated any of the clauses (21 to 24) the contract shall be liable for cancellation at any time during its currency in addition to penal action against the contractors as well as related firms / establishments.
26	In the case of Joint Stock Company, the contract must be sealed with the seal of the Company in the presence of and signed by two Directors or by a person duly authorized to sign the contract for the company authorized by a Power of Attorney, such power of attorney being sealed and signed as aforesaid. All such Power of Attorneys must be registered in the Municipal Head Office to CA(WSSD) section as aforesaid.
27	Postponement of the payment of the full security deposit or the execution of the contract will not be permitted by the reason of the Brihanmumbai Municipal Corporation having in possession, other deposits on account of other's or contracts, which deposits may be or become returnable to the quotationers and which they may wish to transfer as a security deposit under this contract. Such transfer will not under any circumstances be permitted.
28	The contractor shall not be liable for any liquidated damages for delay or for failure to perform the contract for reasons of force majeure such as acts of God,

	acts of the public enemy, acts of Government firms floods, epidemics, guaranteeing restriction, strike, freight embargoes and provided that the contractor shall inform within 10 days from the beginning of such delay, notify the purchaser in writing of the case of delay. The purchaser will verify the facts and grant such extensions as facts justify.
29	Quotations containing contradictory onerous and vague stipulations and heading conditions such as 'Subject to prior sale'"offer subject to availability of stock","Offer subject to confirmation at the time of order", "Rates subject to Market Fluctuations" etc., are liable to be rejected out rightly.
30	The quotationers shall have to make their own arrangements to secure Import License and or release of controlled or scarce raw materials or parts if required by them for fulfillment of their contract. The Municipal Commissioner shall not be found to give any assistance to the quotationers in that behalf.
31	**Jurisdiction of Court**: In case of any claim, dispute or difference arising out of any terms and conditions of the contract, the Cause of Action thereof shall be deemed to have arisen in Mumbai & all legal proceedings in respect of any such claim, dispute or difference shall be instituted in a competent court in the City of Mumbai only. All legal proceedings in respect of any claim, dispute of difference shall be borne by the successful quotationer.
32	Contractors' attention is drawn to provisions of Maharashtra Contract Labour Regulation & Control Rules 1970 and Child Labour Prevention & Control Regulation 1986 (if applicable). It is, therefore, directed that the provision therein shall be strictly followed by the contractor.
33	As per the above provision, if the total number of workers engaged on any contract work exceed 20 (Twenty), then, it is imperative on the part of contractor to obtain registration certificate from Labour Commissioner for the said work. The certificate shall be valid and produced during currency of contract in force.
34	Quotationers shall submit an undertaking for **Best price on stamp paper of Rs. 200/-** duly notarized by notary and registration number
35	The quotationer shall submit an 'undertaking cum indemnity bond' on stamp paper of Rs.200/-

<table>
<tr><td>36</td><td>If the quotationer's firm/ establishment have less than 20 employees, registration certificate as per EPF & MP Act 1952 is not required but declaration to that effect is required to be submitted on Rs.200/- stamp paper.</td></tr>
<tr><td>37</td><td>The quotationer shall submit the registration certificate as per ESIC 1948 Act for the firms having the followings:

(i.)The firms having production with the help of energy & having the employees more than 10.

(ii) The firms having production without energy & having the employees more than 20

If the quotationer is not fulfilling i) or ii) above, then the declaration to that effect is required to be submitted on Rs. 200/- stamp paper.</td></tr>
<tr><td>38</td><td>The Lowest successful quotationer shall submit an 'Irrevocable Undertaking' on Rs.500/- stamp paper, duly notarized as per Annexure -E in prescribed format after intimation of Letter of acceptance.</td></tr>
<tr><td>39</td><td>The successful quotationer shall pay the applicable legal & stationery charges within 30 days from the date of receipt of Letter of Acceptance. The requisite legal and stationery charges for the preparation of the contact at Rs are shown below or as per latest applicable circular in force at the time of execution of written contract. (As per latest circular)
<table>
<tr><td>Sr. No.</td><td>Contract Value</td><td>Legal & Stationery Charges in Rs.</td></tr>
<tr><td>i)</td><td>Up to Rs.50,000/-</td><td>Nil</td></tr>
<tr><td>ii)</td><td>Rs.50,001/- to Rs.1,00,00,000/-</td><td>0.10% of contract sum, round to the next 100 + 18 % GST (Minimum Rs. 1,000/- & Maximum Rs. 10,000/- + 18 % GST)</td></tr>
</table></td></tr>
<tr><td>40</td><td>Contract Execution :- The successful quotationer shall enter into written contract with Municipal commissioner in the Municipal prescribed form. Successful quotationer shall submit the duly filled contract agreement form on Rs 500/- stamp paper within 15 days from the date of issue of letter of acceptance. All required documents for execution of the contract shall be submitted within 15 days from the date of issue of letter of acceptance. If the documents are not submitted within the stipulated time, a <u>penalty of Rs.100/-</u></td></tr>
</table>

<table>
<tr><td></td><td><u>per day</u> 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.</td></tr>
<tr><td>41</td><td>The successful quotationer, here after referred to as the contractor shall pay the contract deposit equal to 2% (Two) percent of the contract sum in the form of Demand Draft (DD) only, if the contract cost exceeds Rs. 50,000/-, and this deposit shall be retained as a performance security, which will be refunded after completion of Maintenance Gurantee Period.</td></tr>
<tr><td>42</td><td><u>(Applicable for Percentage Rate tender ONLY) (Not applicable to this quotation)</u>The Additional Security Deposit shall be applicable as under:

<table>
<tr><td>Rebate quoted by bidder</td><td>ASD Applicable</td></tr>
<tr><td>Up to 12% rebate</td><td>No ASD</td></tr>
<tr><td>12.01% to 20% rebate</td><td>1% of estimated cost for each percentage and part thereof above 12% rebate.

For e.g. :- Rebate quoted (-)18.06%

ASD = (18.06-12) x 1% x Estimated cost</td></tr>
<tr><td>20.01% rebate & above</td><td>1% pf estimated cost for each percentage and part thereof above 12% upto 20% rebate (i.e.8%) + 2% extra for each percentage and part thereof over and above 20% rebate

For e.g. :- Rebate quoted (-)24.70%

ASD = (8% + [24.70% - 20%] x 2) x Estimated cost</td></tr>
</table>
The ASD is to be submitted within 15 working days after issue of LOA in the form of Demand Draft at the CFC counter and submit the copy of the receipt to the concerned HOD. If the requisite ASD is not submitted within 15 working days after issue of LOA 10% EMD shall be forfeited. Further if requisite ASD is not submitted within 30 working days after issue of LOA 100% EMD shall be forfeited and the bidder/ company shall be debarred for a period of two years. Also, if any Director/ Partner of such company is functioning as Director/ Partner in any other company, that company shall also be liable for debarment for two years. Further, the awarded will be terminated/ revoked.</td></tr>
<tr><td>43</td><td>Refund of EMD</td></tr>
</table>

	Except successful quotationer all other unsuccessful quotationers' 100% EMD paid online will be refunded automatically. EMD of successful quotationer will be discharged when the successful quotationer has signed the agreement and/or furnish the required Security Despoists as elaborated in the Quotation Document**.**
44	**Refund of ASD :-**(APPLICABLE ONLY FOR PERCENTAGE RATE BID) **(Not Applicable to this Quotation)** One-half (50 %) of the additional security deposited (ASD) shall be released after the completion of 50% financial progress of the work. The balance ASD shall be released within 30 days of issue of 'Certificate of Completion' with respect to the whole of the Work. 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 Refund of ASD to the contractor.

Annexure "A" (Personal Details)

(To be submitted with Technical Packet-A)

1	Name of Proprietor / Partner/ Director / Trustee /Office Bearer, Other (Specify):-	
2	Position / Designation / Status: -	Proprietor/Partner/Director/Trustee/ Office Bearer/Others (pl. specify)
3	Residential Address: -	
4	Address Proof: -	(1) Aadhar Card/(2) Passport/(3) Voters Identity Card/ (4) Driving License/ (5) Electricity bill * / (6) Telephone bill * /(7) Bank account Statement/ Bank Pass Book * / (8) Rent Receipt* (Certified copy of any one documents)
5	Pan Card Number: -Copy to be submitted	
6	Aadhar Card no.: - Copy of to be submitted	
7	Directors Identification Number (DIN Number): -Copy of proof to be submitted	
8	Contact Number: -Copy of bill not more than three months to be submitted	
9	Email address (max. 35 characters) Note: e-mail address be legible	

* Certified documents submitted as proof of address for serial number 5 to 8 should not be more than three months old from the date of application.

I hereby declare that the information submitted by me is true, correct and complete to the best of knowledge & belief. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BMC responsible for the same. I will indemnify the BMC in all matters in case information furnished by me is found incorrect in future.

Date **Name & Signature**

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department, O.C. Div.)

Annexure "B"

(Information to be filled in by the quotationer and to be submitted with Packet-A)

1	**Quotation No.**	2026_MCGM
2	**EMD amount & receipt no with date**	Rs._____& _____dtd_____
3	**Quotationer's Name**	M/s.
4	**Quotationer's address &** **Contact No(s).**	_____ _____ _____
5	**If it is proprietary concern ?** **if so, name of the owner**	Yes / No
6	**If it is partnership concern ?** **If so, name of each partner** **Partnership deed and copy** **of registration certificate enclosed?**	Yes / No 1. _____ 2 _____ 3. _____ 4. _____ Yes / No
7	**If it is a Company?**	Yes / No
8	**If so, documentary proof to show that the company is registered is enclosed ?**	Yes / No
9	**E-mail id**	
10	**BMC Vendor Code No**	
11	**Name of Bank** **A. Branch** **B. Address**	_____ _____ _____

	C. Bank Account No.	_____
12	**Whether registered under G.S.T. Act, 2017**	Yes / No.
13	**Registration must be Effective on date of**	Registration No :_____
14	**Certificate in support of above if registered is enclosed?**	Yes / No
15	**The certification of PAN document and Photographs**	Can be done by any of the following authorities: 1. Practicing Notary appointed by Govt. of Maharashtra / Govt. of In- dia with his stamp but without red seal) 2. Gazetted Officer 3. Any officer of the rank Asstt. Engineer / Administrative Officer and above of BMC
16	**Certificates / documents in support of above enclosed?**	Yes / No

If above information is already on enclosed letter head, no necessity to furnish the same here (Please do not fill above information, if furnished on letter head.)

If the vendor changes the Bank or the Branch he should immediately inform office of AO (FAR), in writing.

Signature of authorized person of concern Company / Quotationer

Annexure "C"

UNDERTAKING CUM INDEMNITY BOND

(To be submitted with Technical Packet-A)

(Rs.200/- stamp duty paid on GRAS (Government receipt accounting system)

We,

(1) Mr._____ Aged_____Yrs

(2) Mr._____ Aged_____Yrs

(3) Mr._____ Aged_____Yrs

Proprietor /Partners /Directors /Power of attorney holder of the firm

_____having its office at

_____ hereby gives an UNDERTAKING CUM INDEMNITY BOND as under.

AND WHEREAS we are registered contractor/s with the BRIHANMUMBAI MUNICIPAL CORPORATION and /or (name of the authority) having Registration No._____ valid up to _____ AND WHEREAS The BRIHANMUMBAI MUNICIPAL CORPORATION had published the quotation notice for the work of_____

_____ in _____ Ward.

AND WHEREAS I/we want to participate in the said quotation procedure.

I/we hereby give an Undertaking cum Indemnity Bond as hereinafter appearing: -

I/We hereby agree and undertake that my/our Firm is not under any penal action such as Demotion, Suspension, Blacklisting, De-registration etc. by any Government, Semi Government and Government Under-taking etc.

I/we hereby further undertake to communicate if my/our Firm comes under any penal action such as Demotion, Suspension, Blacklisting, De-registration etc. by any Government, Semi Government and Government Under-taking etc.

I/we hereby further agree and undertake that at any stage of quotationing procedure, if the said information is found incorrect, it should be lawful for the BMC to forthwith debar me/us from the quotationing procedure and initiate appropriate penal action.

The undertaking-cum-indemnity bond is binding upon us/our heirs, executors, administrators and assigns and/or successor and assigns.

Place :

Dated:

Proprietor/partner/Directors/POA

Seal of Firm/Co.)

Identified by me **Before me**

Annexure "D"

AFFIDAVIT FOR BEST PRICE

(Rs.200/- stamp duty paid on GRAS (Government receipt accounting system)

(To be submitted with Technical Packet-A)

To

The Municipal Commissioner.

For the BRIHANMUMBAI MUNICIPAL CORPORATION

Sir,

Bid No. **2026_MCGM_**

"I/We _____(full name in capital letters, starting with surname), the Proprietor/ Managing Partner/ Managing Director/ Holder of the Business/ Manufacturer/ Authorized Dealer, for the establishment/ firm / registered company, named herein below, do hereby, state and declare that I/We _____ whose names are given herein below in details with the addresses have not filled in this tender under any other name or under the name of any other establishment/ firm or otherwise, nor are we in any way related or concerned with any establishment/ firm or any other person, who have filled in the tender for the aforesaid work".

I/We do hereby further undertake that we have offered the best prices for the subject supply work as per the present market rates. **Further we do hereby undertake and commit that we have not offered/supplied the subject product/ systems or sub systems in the past one year in Maharashtra State for quantity variation upto – 50% or + 10% at a price lower that that offered in the present bid to any other outside agencies including Govt./Semi Govt. agencies and within BMC also.** Further, we have filled in the accompanying tender with full knowledge of the above 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 instruction and direction given in this behalf in this tender.

"I/We further agree and undertake that in the event it is revealed subsequently after the allotment of work/ contract to me/ us that any information given by me/ us in this tender is false or incorrect, I/We shall compensate the BRIHANMUMBAI MUNICIPAL CORPORATION for any such losses or inconveniences caused to the Corporation in any manner and will not raise 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".

However, in case of price difference, if it is a result of differential tax structures, different Dollar value of Rupee, differential logistic of transport etc. Considering this aspect, before invoking the penalty, blacklisting, I/We will be given a reasonable opportunity of being heard by representing our, case as to why such price variation/ differential has been arisen.

In case if the explanation submitted by me/ us is unsatisfactory then action including forfeiture of deposit & blacklisting may be taken against me/us.

QUOTATIONER'S FULL SIGNATURE

WITH FULL NAME AND RUBBER STAMP

Annexure "E"

Irrevocable Undertaking

(Rs.200/- stamp duty paid on GRAS (Government receipt accounting system)

(To be submitted with Technical Packet-A)

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

1) I say & undertake that as specified in section 171 of CGST 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 BMC by way of commensurate reduction in prices.

2) I further say and undertake that I understand that in case the same is not passed on and is discovered at any later stage, BMC 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.

3) 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.

4) If I fail to compliance with the provisions of the GST Act, I shall be liable for penalty/ punishment or both as per the provisions of GST Act.

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

Solemnly affirmed at DEPONENT

This day of BEFORE ME

Interpreted Explained and Identified by me.

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department, O.C. Div.)

(To be submitted with Technical Packet-A)

UNDERTAKING-I

To,

The Municipal Commissioner,

BRIHANMUMBAI MUNICIPAL CORPORATION,

Mahapalika Marg, Fort,

MUMBAI – 400 001.

Due date: -. _____

Name of Work	:	
Quotation ID	:	**2026_MCGM_**

Sir,

I/We have read all the terms and conditions stipulated in the above quotation notice and accept the same.

With regards,

Yours sincerely,

Quotationer's signature

(Office Stamp)

Quotationer's full address, email address,

Tel. No. and Vendor Number

To

_____

_____

_____

AGREEMENT FORM

Tender / Quotation dated.....20…

Standing Committee/Education Committee Resolution No. …….
……...

CONTRACT FOR T H E
W O R K S … … … … … … … … … … … … … … … … … . .
…….
……..……...
…….

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 D.M.C. (S.E.) (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 D.M.C. (S.E.) of the second part and the BRIHANMUMBAI MUNICIPAL CORPORATION(hereinafter called "the Corporation") of the third part, WHEREAS the contractor has tendered for the construction, completion and maintenance of the works described above and his tender has been accepted by the Commissioner (with the approval of the Standing Committee/Education Committee of the Corporation NOW THIS
THIS AGREEMENT WITNESSETH as follows:-

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:-
The following documents shall be deemed to form and be read and constructed as a part of this agreement viz.

The letter of Acceptance

The Bid:
Addendum to Bid; if any
Tender Document
The Bill of Quantities:
The Specification:
Detailed Engineering Drawings
Standard General Conditions of Contracts (GCC)
All correspondence documents between bidder and BMC

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

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

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

Signed, Sealed and delivered by the

contractors

.....

.....

In the presence of

.....

.....

Full Name.....

Address .....

.....

Signed by the D.M.C. (S.E.)

.....

.....

in the presence of

The Common seal of the
BRIHANMUMBAI MUNICIPAL

CORPORATION was hereunto affixed on the ..... 20 in the presence of two members of the Standing Committee.

1.....

.....

2.....

.....

And in the presence of the

Municipal Secretary.....

Trading under the name and style of

Contractors

Dy.Municipal Commissioner (Sp.Engg.)

1.....

.....

2.....

.....

Municipal Secretary

BRIHANMUMBAI MUNICIPAL CORPORATION

(HYDRAULIC ENGINEER'S DEPARTMENT)

ANNEXURE-F

UNDERTAKING FOR SITE VISIT

(To be submitted on the letterhead of QUOTATIONER while uploading quotation in packet A)

Date:

To,
Assistant Engineer (Instrumentation) Panjrapur
2nd floor, Admin Building,
Panjrapur Water Treatment Plant,
Post: Vadpa, Taluka-Bhiwandi,
District: THANE-421 302

Bid No. : _____

Name of Work : _____

_____

Subject : **Site Visit Undertaking**

Dear Sir/Madam,

We M/s. _____ (name of quotationer) hereby undertake that, before submitting our bid for the above mentioned work and bid no, we have completed the site visits at BMC site locations: _____(mention BMC site address) to understand the scope of work along with the BMC site Engineer on _____(mention site visit date).

We are now fully aware of the site conditions and has taken into consideration all factors as an experienced contractors to successfully carry out the work as per the quotation requirements of BMC for above mentioned work and bid no, before submitting our Bid for the above mentioned work.

Thanking you.

Yours faithfully,

Name, Stamp & Signature of Quotationer

SCOPE OF WORK, TECHNICAL SPECIFICATIONS AND INSTRUCTIONS TO QUOTATIONER

PREAMBLE:

Pise- Panjrapur Complex installation is one of the vital installation of BMC. Approximately 50% of the water supply (around 2005 MLD) to Greater Mumbai is supplied daily from the Pise Panjrapur Complex. The construction of Pise Panjrapur Complex was carried out in stages by Water Supply Project (WSP) Department. Stage-I, II, III and MIIIA were completed and commissioned in the years 1979, 1986 and 1997 and 2007 respectively. The Operation and Maintenance of Stage-I, II and III of Pise Panjrapur Complex is being carried out by the Department of Deputy Hydraulic Engineer (Pise Panjrapur Complex).

The Water Treatment Plant at Panjrapur an important establishment. This includes various plants such as Master Balancing Reservoir (MBR) Control Room, 100 KV Electrical Sub-Station, Pumping Station, Settling Tank, Filtration Plant, Laboratory, Chlorination Plants at Panjrapur & Yewai for uninterrupted water supply to Greater Mumbai, which are continuously working 24 x 7 without interruption. Each plant has its own importance.

I. SCOPE OF WORK & INSTRUCTIONS/CONDITIONS:-

1. The quotationer shall visit the site, preferably prior to submitting their offer to get acquainted themselves of the site condition/constraints, nature of the work involved & the actual site & work requirement. Site visit shall be done on working days (with atleast one day prior intimation) between 9 am to 3 pm (Monday to Friday) and 9 am to 11 am (Saturday) in presence of site engineer only. Site visit report as per Annexure-H shall be submitted along with Packet-B documents while submitting the tender. The tenderer shall go through the full Tender Document thoroughly and fully review the technical specifications, Bill of Quantities & nature of the work, and resolve all doubts and queries with the BMC engineers before submitting the quotation. No claim regarding this, whatsoever will be entertained at later.
2. The technical specifications for the entire work included in this quotation are prepared with care with a view not to create any additional work. However, all the items and works which are required for satisfactory completion and guaranteed performance of the system are deemed to be included in the offer and no extra cost will be paid by Brihanmumbai Municipal Corporation (BMC).
3. The various activities/components of scope of work are as follows:

SCOPE OF WORK :-

The scope shall include complete installation, including:-

1 The quotationer shall visit the site to get acquainted with the existing mobile signal connectivity.

2 The quotationer shall give successful demonstration of mobile booster at site prior to submitting the quotation.

3 The quotationer shall Supply & test the mobile signal booster with allied accessories and give successful trial by fixing at Pumping Station, Panjrapur with no extra cost.

4 Mounting of booster/repeater equipment.

5 Installation and alignment of donor antenna.

6 Installation of indoor antennas.

7 Laying and dressing of RF feeder cables.

8 Installation of splitters/couplers.

9 Installation of power/control cables.

10 Cable tray/conduit work required for the system.

11 Drilling, supports, clamps and fasteners.

12 Identification and labeling.

13 Coordination with the pumping-station operation team.

4. The supply of material shall be strictly as per bill of quantities & Technical specifications. The successful quotationer shall get approved the material from BMC before the supply of material at site. The delivery of mobile booster alongwith all accessories, fitments, etc. shall be given by the successful quotationer at Instrumentation section, Panjrapur Water Treatment Plant, Post-Vadpa, Taluka-Bhiwandi, District: Thane, Pin Code – 421302, State-Maharashtra, at no extra cost. All necessary charges towards packing, transporting, handling, transit insurance, taxes, duties etc. shall be included in the bid offer by the successful quotationer. All the charges towards transportation of material, Machinery/equipments, personnel, transit insurance, incidental expenses and all other taxes and duties shall be borne

by the successful quotationer. No extra charges whatsoever, will be accepted under any circumstances.

5. As per site requirement, proper setting/programming/calibration should be done for all installedmobile booster. After settings it should be checked and confirmed that all readings are proper as per site condition and in consultation with BMC engineer.

6 Records

The successful quotationer shall take out the photos before, during and after the work and submit the colored copies once the work completed and before submission of bill to the department.

7 Payment Terms: As per condition of quotation document.

8. Penalty : As per condition of quotation document.

9. Maintenance Gurantee & DLP

Successful quotationer shall submit maintenance guarantee for three years in prescribed format on Rs 100 stamp paper

The defect liability period (DLP) for this work will be 1 years. During the defect liability period (DLP), the completed work shall be inspected, periodically by the site staff along with the successful quotationer and defects noticed if any, shall be got rectified immediately from the successful quotationer as per provision of contract. The above compliance report shall be mandatory prerequisite before releasing the deposits of the work. If quotationer failed to do so, Contract deposit will be forfeited.

If any discrepancy in the material supplied or work carried out is observed during erection and commissioning of the equipments or in defect liability period, and informed to the successful quotationer in writing, then the successful quotationer shall have to rectify the defect/discrepancy or replace the equipment/material at his own cost. If quotationer failed to do so, Contract deposit will be forfeited.

10. **Submittals**

Operating & Maintenance manual or Technical Literature/brochures, catalogues or reports etc. of installed mobile booster etc. shall be submitted in soft and hard copies (in 3 Sets) before submission of final bill.

II. ADDITIONAL INSTRUCTIONS/CONDITIONS

1 The successful quotationer while performing the works shall take into consideration safety aspects against electrical, mechanical and health hazards to the workmen as well as safety of the installation and plan his work. The successful quotationer shall be fully responsible for any mishap, accident, etc. and compensation and claim, etc. in this regard shall be paid by the successful quotationer only.

2 The successful quotationer must have all facilities to undertake this job including adequate plant and machinery. All the material used for the work shall be new & from fresh stock. The material required for successful commissioning of work shall be approved from BMC Engineers before installation at site.

3 The work shall be carried out strictly as per the specification and as directed by the BMC engineering staff at site. The work shall be carried out with good workmanship following standard Engineering practices. Payment shall be made as per actual measurement of quantities. The contractor shall be entirely responsible for any lapse/defects/mishaps/discrepancies in the contract work.

4 The required & sufficient manpower (of required skillset, best knowledge and having requisite qualifications), with required material, wherever necessary shall be arranged by the successful quotationer. The successful quotationer shall not employ the person below 18 years of age.

5 The electric power & water supply required for carrying out works shall be made available by BMC. However, necessary arrangements to get the same upto the site shall be made by the successful quotationer. And any breakages/damage to these equipment shall have to be borne by the successful quotationer.

6 No escalation (extra/excess) in the cost of whatsoever nature will be allowed and in case of any dispute, the decision of BMC will be final and binding to the successful quotationer.

III. TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATION

Booster Unit:- The signal booster shall:

1 Be a commercially approved cellular signal repeater/DAS-type system suitable for the local mobile networks.

2 Support the required cellular bands/operators identified during the RF survey.

3 Support 2G/3G/4G and, where required and technically feasible, 5G bands.

4 Have adequate up link and down link gain to overcome the attenuation associated with the pumping-station galleries.

5 Provide automatic gain control and output-power control.

6 Incorporate protection against oscillation, overload and excessive input signal.

7 Be suitable for continuous **24×7 operation**.

8 Have an industrial-grade enclosure suitable for installation in a pumping-station environment.

It shall consist:-

1	Type	:	Tri/Quad band digital signal booster for all networks
2	Frequency Bands	:	850/1800/2300 MHz
3	Gain	:	70 dB minimum
4	Output Power	:	23 dB minimum
5	Coverage Area	:	Up to 450 Sqft
6	Impedance	:	50 Ohm
7	Power Supply	:	230V AC
8	Indicator	:	LED indicators for power and signal status

Outdoor Antenna:-

The system shall include a suitable outdoor donor antenna:-

1 Directional panel/log-periodic antenna or equivalent.

2 Frequency range covering all required cellular bands.

3 Suitable gain for the available serving-cell signal.

4 Weather-resistant construction.

5 Complete mounting mast/brackets, clamps and hardware.

It shall consist:-

1	Type	:	LPDA
2	Frequency	:	680 – 2700 MHz
3	Gain	:	9 dBi minimum
4	Connector	:	N Female
5	Mounting	:	Outdoor wall / pole mounted

Indoor Antenna:-

Indoor antennas shall be installed at suitable locations throughout the galleries, control room and other designated areas.

The contractor shall provide:-

1. Ceiling/wall-mounted indoor antennas as appropriate.
2. Antenna mounting brackets.
3. RF feeder cables.
4. N-type/SMA or other manufacturer-approved connectors.
5. Splitters/couplers/tappers where required.
6. Termination loads and other RF accessories.
7. Weatherproof accessories wherever required.

It shall consist:-

1	Type	:	Ceiling Omni / Patch Antenna
2	Frequency	:	680-2700 MHz
3	Gain	:	2/4 dBi
4	Polarization	:	Vertical
5	Connector	:	N Female

RF Cable:-

The cable shall:-

1. Be suitable for the operating frequency range.
2. Have low attenuation.
3. Be flame-retardant/low-smoke type where required by the installation environment.
4. Be properly supported and routed.
5. Be protected from mechanical damage.

6 Have properly crimped/compression-type connectors.

7 Be identified at both ends.

It shall consist:-

1	Type	:	LMR-400
2	Conductor	:	Copper / Copper alloy
3	Impedance	:	50 Ohm

FR Splitter:-

1	Type	:	2-way / 3-way / 4-way
2	Frequency	:	698-2700 MHz
3	Impedance	:	50 Ohm

Connector:-

1	Type	:	LMR-400 compatible RF connector
2	Material	:	Nickel plated brass

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department) O. C. Division

Subject:- Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories

ANNEXURE-1

TECHNICAL DATA SHEET

(Annexure '1' to be filled by quotationer & uploaded with e-quotation in packet A)

TECHNICAL DATA SHEET FOR MOBILE BOOSTER

Sr. No.	Description	BMC requirement Details	Offer by Contractor
A)	**Booster Unit:-**		
1	Type	Tri/Quad band digital signal booster for all networks	
2	Frequency Bands	850/1800/2300 MHz	
3	Gain	70 dB minimum	
4	Output Power	23 dB minimum	
5	Coverage Area	Up to 450 Sqft	
6	Impedance	50 Ohm	
7	Power Supply	230V AC	
8	Indicator	LED indicators for power and signal status	
B)	**Outdoor Antenna:-**		
1	Type	LPDA	
2	Frequency	680 – 2700 MHz	
3	Gain	9 dBi minimum	
4	Connector	N Female	

5	Mounting	Outdoor wall / pole mounted	
C)	**Indoor Antenna:-**		
1	Type	Ceiling Omni / Patch Antenna	
2	Frequency	680-2700 MHz	
3	Gain	2/4 dBi	
4	Polarization	Vertical	
5	Connector	N Female	
D)	**RF Cable:-**		
1	Type	LMR-400	
2	Conductor	Copper / Copper alloy	
3	Impedance	50 Ohm	

Note :- Quotationer shall take print of this page, fill in, sign manually, scan and upload this document along with Packet "A".

Quotationer's Signature,

Name & Stamp

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

Sub: Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories

The Tenderer shall state briefly any deviation from the specifications, contained in his main offer.

ANNEXURE-2

TECHNICAL DEVIATION SCHEDULE

Sr. No.	Item	Deviation	Remarks

Signature of authorized person

of concern/company

BRIHANMUMBAI MUNICIPAL CORPORATION

(H.E.'sDepartment-O.C.Division)

ANNEXURE-G

ENVIRONMENTAL MANAGEMENT PLAN

Sr. No	Head		Information to be filled by the Project Proponent
1	**Project Overview**		
	1.1	Project Details	
	1.2	Project Proponent information	
2	**Project Details**		
	2.1	Construction Activities	
	2.2	Material Management	
	2.3	Existing site Features	
3	**Statutory Requirement**		
	3.1	Legal Compliances	
	3.2	Applicable Permits	
4	**Organization Structure Arrangement**		
	4.1	Project Team & Roles	
5	**Environmental Management Plan (EMP)**		
6	6.1	Pre-construction Phase	
	6.2	Construction Phase	
	6.3	Operation Phase	
7	**Environmental Monitoring & Reporting**		
8	**Conclusion & Commitment**		

Prepared & Checked by (Sign, Name and Designation) (To be signed by Site Incharge/Manager of Contractor)	Authorised by (Sign, Name and Designation) (To be signed by Project Proponent/Contractor)

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

BILL OF QUANTITIES AND RATES

(For information purpose only and actual rates shall be filled online)

Sr. No.	Description	Unit	Qty.	**Rate**	**Amount**
1)	Supply & Installation of Mobile Signal Booster for the galleries & control room of Pumping station, Panjrapur with allied accessories	Job	01	To be filled online	To be filled online

Note:

1 This "Bill of Quantities and Rates" is for information purpose only.

2 The quotationer shall not fill & upload price bid here otherwise the quotationer shall be outrightly rejected.

3 The quotationer shall fill the price bid on-line in Packet "B" by filling the values on the screen (base rate)

4 All inputs given on the screen need to be digitally signed.