

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

Draft Quotation



Name of Work : Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur

Quotation ID : 2024_MCGM_1054829_1

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

Office of the: Executive Engineer (M&E)WTP M-IIIA Panjrapur ,
Administrative Building, 2nd Floor, Water Treatment Plant, Panjrapur,
Post : Vadpa, Taluka :Bhiwandi, District :Thane,
Pin Code No.421302, Phone No. 02522 309004
Email :- eemne3atpppc.he@mcgm.gov.in

Prepared by

Checked by

Verified by

Approved By

Sd/-

Sd/-

Sd/-

Sd/-

SE (STM)M-IIIA Panj

AE (STM)M-IIIA Panj

EE (M&E)WTP M-IIIA
Panj

Dy.HE(M&E)M-IIIA PP

BRIHANMUMBAI MUNICIPAL CORPORATION

No. Dy.H.E.(M&E) /1942/PP, Dated:16.07.2024

E-QUOTATION NOTICE

Name of Work:- Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur

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.

Bidding Process will comprise of TWO stages.

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 & 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, need to apply first for vendor registration at the office of Account Officer (FAR), 3rd floor, Municipal Headquarter.

(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 has to pay **Scrutiny Fee of Rs.330/- (18% GST Extra)** (As per Circular No. CA/FRG/03/dt.11.05.2023) in any CFC of BMC by challan and submit the receipt before the time & date of opening of packet B as mentioned in Header Data.

Name and location of work	Contract period	Estimated Cost of Project
Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur	<u>Two months</u>	Not Applicable being item rate quotation

A tenderer shall pay the entire amount of **EMD i.e. Rs.2,810/-** through payment gateways of GoM on URL <https://mahatenders.gov.in>. The bidder shall upload scan copy of online paid EMD along with the bid submission in packet 'A'. Any bid not accompanied by an acceptable BID security shall be rejected and tenderer shall be treated as NON RESPONSIVE. The tender is available on tendering website <https://mahatenders.gov.in>. as mentioned in the Header Data of the tender. EMD is refundable in accordance to the relevant clause of quotation document, except in the case of the selected quotationer who's Bid Security/EMD shall be retained. The Bid shall be summarily rejected if it is not accompanied by the Earnest Money Deposit as mentioned above. 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 / 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 quotationers 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- tender(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) (<http://mahatenders.gov.in>).

The Applicants interested for the above referred works may contact the Executive Engineer (M & E) M-3A Panjrapur at the following address on any working day during office hours.

Office of : Executive Engineer (M&E)WTP Panjrapur
Administrative Building, 2nd Floor,
Water Treatment Plant, Panjrapur,
Post : Vadpa, Taluka :Bhiwandi, District :Thane,
Pin Code No.421302 Phone No. 02522 309004
Email :- eemne3atpppc.he@mcgm.gov.in

The applicants may wish to visit the site under reference located at Mumbai-3A Pumping Station Pise, Post: Amne, Taluka: Bhiwandi, District: Thane. PIN -421302 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) (<http://mahatenders.gov.in>).

Bidders are also advised to refer "Bidders Manual Kit" available at <https://mahatenders.gov.in/nicgep/app?page=BiddersManualKit&service=page> for further details about the e-tendering process. For any help, in the e-quotation process, can be availed by dialing help-desk number 022- 22046934/22837339 from 11.30 AM to 5.00 PM on all working days. Email: supporteproc@nic.in

SPECIAL NOTE: quotationers are requested to go through the e- tender guidelines on nic portal (<https://mahatenders.gov.in>). For registration, enrollment for digital signature certificate & user manual, please refer to respective links provided in e-tendering tab. The vendors can get digital signature from any one of the Certifying Authorities (CA's) licensed by the Controller of Certifying Authorities namely Safes crypt, IDRBT, National Informatics Centre, TCS, Customs, MTNL, GNFC and e- Mudhra.

Sd/-
Executive Engineer (M&E)WTP M-IIIA
Panjrapur

HEADER DATA

Quotation Document No.	2024_MCGM_1054829_1
Name of Organization	BRIHANMUMBAI MUNICIPAL CORPORATION
Subject	Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur
Scrutiny Fee	Rs.330/- (+18 % GST) (As per note below)
Quotation Security Deposit/ EMD	Rs.2,810/-- (100 % of EMD Online payment) through payment gateways of GoM on URL https://mahatenders.gov.in .
Date of issue and sale of quotation	19.07.2024 from 11:00 Hrs
Last date & time for sale of quotation	25.07.2024 upto 16:00 Hrs
Submission of Packet A & Packet B (Online) & (Receipt of EMD)	25.07.2024 upto 16:00 Hrs
Opening of Packet A (Fee/ Pre-Qua Cover)	26.07.2024 after 16:00 Hrs
Opening of Packet B (Finance cover)	29.07.2024 after 15.00 Hrs
Address for communication & venue for opening quotation	Executive Engineer (M&E)WTP Panjrapur Administrative Building, 2 nd Floor, Water Treatment Plant, Panjrapur, Post : Vadpa, Taluka :Bhiwandi, District :Thane, Pin Code No.421302 Phone No. 02522 309004 Email :- eemne3atpppc.he@mcmgm.gov.in

Note :The applicant has to pay Scrutiny Fee of Rs.300/- (18% GST Extra) (As per Circular No. CA/FRG/03/dt.11.05.2023) in any CFC of BMC by challan and submit the receipt before the time & date of opening of packet B as mentioned in Header Data.

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)WTP M-IIIA
Panjrapur

BRIHANMUMBAI MUNICIPAL CORPORATION
(Hydraulic Engineer's Department)

E-quotations are invited for the Sub - "Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur " as per attached terms and conditions, specifications & schedule of quantity etc.

1. The forms of quotation documents are available on the e-Tendering website <https://mahatenders.gov.in>. The proposed quotationers shall have to download quotation form, from the website mentioned above. The quotationer has to fill in online format and upload information regarding quotation online. Also, he has to download the quotation application form from website, fill it and upload the scanned copy of duly filled form, along with required documents.
2. 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>. 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'.
3. The quotationers interested for the above referred works may contact the Executive Engineer (M&E) M-3A PP at the following address on any working day during office hours.
Office of: Dy.Hydraulic Engineer (M&E) Mumbai -IIIA, Pise Panjrapur Complex,
Administrative Building, 2nd floor, Near Yewai Naka,
Post -Vadpe, Tal -Bhiwandi, Dist -Thane-421 302.
Email:- eemne3apjppc.he@mcbm.gov.in
4. The applicant has to pay Scrutiny Fee of Rs.330/- (18% GST Extra) (As per Circular No. CA/FRG/03/dt.11.05.2023) in any CFC of BMC by challan and submit the receipt before the time & date of opening of packet B as mentioned in Header Data.
5. A tenderer shall pay the entire amount of EMD i.e. Rs.2,810/-- through payment gateways of GoM on URL <https://mahatenders.gov.in>. The bidder's shall upload the scan 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, financial packet 'B' of non-responsive bidder will not be opened. However, there will not be any forfeiture of EMD.
6. **Pre-Qualifying Criteria (Eligibility):**
 1. The quotationer should be manufacturer or their authorized dealer/sub-dealer of the quoted product.
 2. The quotationer should comply all the technical details mention in the quotation.

3. If quotationer is authorized dealer/Sub-dealer then quotationer Should Submit authorization letter from VFD manufacturer/Authorized Channel Partner qualifying for above criteria without which quotation will be rejected.

6.1 Technical Capacity (For Routine Work)

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

a) Three similar completed works each of value not less than the value equal to Rs. 84,282.60

OR

b) Two similar completed works each of value not less than the value equal to Rs.98,329.70

OR

c) One similar completed work of value not less than the Rs. 1,40,471.00

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

6.2 Financial Capacity

Achieved an average annual financial turnover as certified by 'Chartered Accountant' (in all classes of civil engineering construction works only) shall be Rs. 84,282.60 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 tenders.

6.3 Similar Experience:

For assessing the technical capacity of similar nature of works means The Quotationer(s) in their own name should have satisfactorily executed any M&E work in BMC /Semi Govt. /Govt. & Public Sector Organizations.

Documentary evidence shall be submitted along with the quotation failing which the quotation shall be treated as non-responsive

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 they shall be out-rightly rejected.

7. The mandatory documents are as under.

The Packet "A" shall contain scanned certified copies of the following documents, upload with quotation documents.

- 1) The printed undertaking in draft quotation addressed to the Municipal Commissioner. (Undertaking-I)
- 2) The specifications / data sheet
- 3) Information form (Undertaking-II) (Name and the address of all the partners shall be given in the space provided thereof).
- 4) The copy of the Pan card along with the photograph shall be provided.
- 5) A document in support of Registration under GST Act 2017.
- 6) Partnership Deed / Registered power of attorney and any other documents
- 7) Scan Copy of online EMD receipt.
- 8) ASD if applicable.
- 9) Adequate submission of documents as per technical & financial criteria as per PQC.
- 10) The undertaking on Rs.200/- stamp paper pro forma for Best price duly notarized.
- 11) Undertaking cum Indemnity Bond on Rs.200/- stamp paper.
- 12) EPF & MP Act and ESIC Act on Rs.200/- stamp paper each.
- 13) Irrevocable Undertaking (on Rs.500/- Stamp Paper notarized)

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

- a. Non-submission of following documents,
 - i. 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.

Note :- Maximum 5 shortfalls of curable defects shall be allowed and in case, curable defects are not complied by a bidder within given time period, the bidder shall be treated as 'NON-RESPONSIVE' and 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 the registration cell with due approval of the concerned AMC.

ii) Non-curable Defect shall mean

- a) In-adequate submission of EMD / ASD.
- b) The documents evidence of technical and financial capacity with respect to Eligibility criteria as stipulated in the quotation.

Note: No communication will be made with the quotation in case of non-curable defects.

8. Quotationers are expected to fill their quotation documents carefully and scrutinize them before uploading 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.

9. On opening of quotation, if it is found that quotationer has not submitted the required curable documents, then the quotationer shall be intimated through e-mail only and compliance required to be made within stipulated time period of three working days otherwise their offer shall be outrightly rejected.
10. Taxes: The quotationer shall quote the rates 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 quotationer will not be claim separately by BMC. However, while quoting the rates benefit of input Tax credit or Exemption shall be passed on to the BMC by way of equivalent reduction in quoted price Rates accepted by BMC shall hold good till completion of work and no additional individual claim shall be admissible on account of fluctuations in market rates; increase in taxes / any other levies / tolls etc. except that payment / recovery for overall market situation shall be made as per Price Variation. The quotationer shall quote the cost showing all applicable SGST, CGST, IGST & Other taxes if any, on various items.

Chapter XXI- Miscellaneous, section 171(1) of GST Act 2017 governs the 'Anti Profiteering Measure' (APM) As per provision of this section, any reduction in rate of tax on any supply of goods or services or benefit of input tax credit shall be passed on to the recipient by way of commensurate reduction in prices. Accordingly, the contractor should pass on the complete benefit accruing to him on account of reduced tax rate or additional input tax credit, to BMC. Further all provisions of GST Act will be applicable to the quotationer.
11. Period of delivery / work shall be 2 Months (Including/~~Excluding~~-Monsoon) from the date of receipt of work order.
12. Every quotation shall remain open for acceptance for 180 days from the date of opening of the quotation. As some minimum period for evaluating the various samples and obtaining approval from competent authority is necessary. Quotations specifying the validity less than 180 days shall be rejected outrightly.
13. The quotationer shall not withdraw his offer within the validity period. If he does so, the earnest money deposit paid will be forfeited.
14. 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.
15. Guarantee: 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" from 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.

16. Terms of Payment: As per Municipal procedure, the payment for work done shall be made within 30 days from the receipt of the bill subject to verification as per normal rules. In case of supply of article/s the payments shall be made within 30 days from the receipt of the bill subject to satisfactory test/approval of the article/s including its installation, if any.
17. 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 ECS 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.
18. 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.
19. As per Government of Maharashtra notification, 1 % CGST TDS and 1% SGST TDS is applicable wherein the contract sum exceeds Rs.2,50,000/- exclusive of tax & cess as per the invoice.
20. 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:
- a)** Completion period for projects (originally stipulated or as extended) not exceeding 6 months: to the extent of maximum 1 percent per week.
 - b)** 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.
 - c)** Completion period for projects (originally stipulated or as extended) exceeding 2 years: to the extent of maximum ¼ percent per week.

When the delay is not a full week or in multiple of a week but involves a fraction of a week the compensation payable for that fraction shall be proportional to the number of days involved. Provided always that the total amount of compensation for delay to be paid this

condition shall not exceed the under noted percentage of the Contract Value of the item or group of items of work for which a separate period of completion is given.

- 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.

21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. If after award of contract, it is found that the accepted violated any of the clauses (24 to 27) 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.
27. 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.

28. 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.
29. 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.
30. The Earnest money deposit will be refunded automatically, if the quotation is not accepted by the competent authority. In case of successful quotationers, this EMD deposit will be refunded after payment of security deposit and submission of documents required for execution of contract.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. Quotationers shall submit an undertaking for Best price on stamp paper of Rs. 200/- duly notarized by notary and registration number
37. The quotationer shall submit an 'undertaking cum indemnity bond' on stamp paper of Rs.200/-

38. 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.

39. 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.

40. The Lowest successful quotationer shall submit an 'Irrevocable Undertaking' on Rs.500/- stamp paper, duly notarized as per Annexure A1 in prescribed format after intimation of Letter of acceptance.

41. The successful quotationer shall pay the applicable legal & stationery charges within 15 days from the date of receipt of Letter of Acceptance. The Legal & Stationery Charges are as under:

Sr. No.	Contract Value	Legal & Stationery Charges in Rs.
i)	Up to Rs.50,000/-	Nil
ii)	Rs.50,001/- to Rs.1,00,00,000/-	0.10% of Contract cost (Rounding of to nearest 100) + 18% GST (Min. 1000/- + 18% GST and Max. Rs. 1000/- + 18% GST)

Note:- The above charges are as old circular valid up to 31.03.2024. The successful quotationer shall have to pay the charges as per new circular.

42. Contract execution applicable for contracts more than Rs.50,000/-. The stamp duty of Rs.500 will be applicable to contract agreement document. Successful quotationer shall have to submit all relevant documents for contract execution process within 15 days from the date of receipt of letter of acceptance. Failing which the penalty of Rs.100/- per day will be imposed.

43. The successful quotationer, here after referred to as the contractor shall pay an amount equal to Two (2) percent of the contract sum in form of Demand Draft shall be paid within fifteen days from the date of issue of letter of acceptance.

44. Contract Deposit will be refunded after completion of Maintenance Guarantee period.

Sd/-

**Executive Engineer (M&E)WTP M-IIIA
Panjrapur**

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

Sub: “Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur ”

Technical Specifications

Preamble:-

Under Mumbai-IIIA Water Supply Project, the Water Treatment Plant of capacity 455MLD is installed at Panjrapur. This plant is taken over by H.E. Deptt. w.e.f. 29.06.2009 and the maintenance activities carried out by H.E. deptt. from 28.06.2010.

Settling plant M-IIIA has six number of flocculation tanks, where flocculation process is take place. For flocculation, four number of flocculators are installed in each flocculation tank. For adjusting speed of flocculator one Variable Frequency Drives (VFD) for each flocculator is installed at VFD panel in clarifier gallery. There are 24 nos of flocculators are installed at settling plant M-IIIA, out of which some flocculator VFD's are not working due to burning of some electronic parts. The breakdown VFD's are installed in 2007 and breakdown is beyond repairable condition (Occurrence report from Settling tank operation department are attached at Pg.C-). As on date no VFD's are in stock at STM M-IIIA's store. Considering role of flocculator in treatment of water this department decided to purchase new VFD for Flocculators.

In view of above work of “Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur”, is proposed by this department.

SPECIFICATIONS & SCOPE OF WORK

1. Technical specification:

Technical specification of proposed VFD:

Sr. No.	Description	Specifications
1	Make	ABB
2	Series	ACS355
3	Model	ACS355-03E-05A6-4/Equivalent
4	Motor type	Three Phase Induction Motor
5	Phase	Three
6	Motor power KW(HP)	2.2(3)
7	Continuous RMS current at constant torque at max ambient temp. of 40 °C	5.6A
8	Input supply voltage	3 Phase 380 to 480V +-10%
9	Mounting option	Wall mounting/Cabinet mounting
10	Frequency (mains connection)	48 to 63 Hz
11	Output frequency	0 to 599 Hz

12	Ambient temp.	-10 °C to 40 °C
13	Auxiliary Output DC Voltage	24 V DC +/- 10%, Max 200mA
14	IP Protection	IP 20/UL open type

2. Pre-qualification criteria :-

1. The quotationer should be manufacturer or their authorized dealer/sub-dealer of the quoted product.
2. The quotationer should comply all the technical details mention in the quotation.
3. If quotationer is authorized dealer/Sub-dealer then quotationer Should Submit authorization letter from VFD manufacturer/Authorized Channel Partner qualifying for above criteria without which quotation will be rejected.

3. Scope of Work:-

1. The scope of work involves “Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur”, as per technical specification and scope of work.
2. The quotationer should supply complete material at Panjrapur site free of cost.
3. The quotationer should supply material complying all the technical specification and scope of work mention in the quotation.
4. Installation, testing and commissioning of VFD should be carried out by authorized technician of original equipment manufacturer.
5. Before start of installation work, technician shall have to confirm the existing control circuit is healthy, If circuit is not healthy or any of part become faulty then technician have to rectify and attend the fault or replaced existing faulty part, thereafter installation work shall be carried out.
6. The successful quotationer shall have to Megger cable which is connected from VFD to 3 phase induction motor for flocculator.
7. The work shall be carried out with good workmanship following standard engineering practice.

4. General Terms and conditions:-

1. Quotationers are advised to visit Settling Plant M-IIIA Panjrapur to get acquainted with nature of work involved. The negligence of scope of work will be to the account of contractor.
2. The contractor shall carry out the work with best workmanship with standard engineering practices.
3. All the electrical works shall be carried out with qualified and experienced staff and as per applicable I.E. rules.
4. The contractor shall arrange all the tools and tackles, machinery, safety devices, etc. and shall deliver all required material at site and communicate the work program to the engineer seven days in advance. If BMC authorities are convinced about readiness of manpower and material at site, the contractor shall be allowed to commence the work.

5. BMC will not be responsible for any mishap happened to men, material of the contractor due to the negligence on account of non observance of the safety aspects by his staff.
6. No material whatsoever required will be supplied by BMC except electricity.
7. If any of the municipal property is unduly damaged due to negligence of the contractor, the contractor shall have to make it good to the satisfaction of BMC site engineer, without any extra cost to BMC.
8. If any discrepancy is observed in work executed during 12 months warranty period, the contractor shall have to rectify/ replace the same at his own cost.
9. Every effort is taken to define detail scope of work however if any material / work which is not specified in scope work/technical specification and required for satisfactory completion of work shall be provided/ carried out by successful quotationer without any extra cost to the corporation.

5. Safety Precautions:

The Contractor shall be responsible for the safety of all activities on the Site. He shall comply with all applicable safety requirements and take care of safety of all persons entitled to be on the site and the works. He shall use reasonable efforts to keep the site and the works, both during construction and maintenance, clear of unnecessary obstruction so as to avoid danger to the persons and the users.

Sd/-
S.E.(STM)M-IIIA

Sd/-
A.E.(STM)M-IIIA

DATA SHEET

Sr. No.	Description	BMC Specifications	Quotationer's specifications
1	Make	ABB	
2	Series	ACS355	
3	Model	ACS355-03E-05A6-4/Equivalent	
4	Motor type	Three Phase Induction Motor	
5	Phase	Three	
6	Motor power KW(HP)	2.2(3)	
7	Continuous RMS current at constant torque at max ambient temp. of 40 °C	5.6A	
8	Input supply voltage	3 Phase 380 to 480V +-10%	
9	Mounting option	Wall mounting/Cabinet mounting	
10	Frequency (mains connection)	48 to 63 Hz	
11	Output frequency	0 to 599 Hz	
12	Ambient temp.	-10 °C to 40 °C	
13	Auxiliary Output DC Voltage	24 V DC +/- 10%, Max 200mA	
14	IP Protection	IP 20/UL open type	

Note :- Data sheet shall be duly fill, sign, stamped and uploaded in Packet A

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineer's Department)

Sub:- Supply, installation, testing & commissioning of variable frequency drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur

Bill of Quanties And Rates

Sr. No.	Particulars	SAC/ HSN Code	Qty. Unit	Rate (Rs)	Amount (Rs.)
1	Supply, installation, testing & commissioning of 05 nos. of Variable Frequency Drives with Rectify Control Circuit at Settling Plant, Mumbai-IIIA, Panjrapur		1 Job		
Total amount					
CGST @ %					
SGST @ %					
Grand Total					
In words-					

Trading under the name and style of

Seal and signature with Date

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 tender shall be out rightly rejected.
- 3 The Quotationer shall fill the price bid on-line in Packet "B" only.

Undertaking - II
Information to be filled in by the quotationer

1	E - tender No.	:	
2	EMD amount & receipt no with date	:	Rs. _____, receipt no.& date _____
3	Quotationer's Name	:	M/s.
4	Quotationer's address & contact numbers	:	
5	If it is proprietary concern?	:	Yes / No
	if so, name of the owner	:	
6	If it is partnership concern?	:	Yes / No
	if so, name of each partner	:	
	Partnership deed and copy of registration certificate enclosed?	:	Yes / No
7	If it is a Company?	:	Yes / No
	if so, documentary proof to show that the company is registered is enclosed?	:	Yes / No
8	E-mail id	:	
9	Vendor Code No	:	
10	GST registered under No. as per G.S.T. Act, 2017	:	
	Certificate in support of above if registered is enclosed?	:	Yes / No
11	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 India with his stamp) 2. Gazetteer Officer 3. Any officer of the rank Asstt. Engineer / Administrative Officer and above of BMC
12	Certificates / documents in support of above enclosed?	:	Yes / No

**Signature of authorized person
of concern Company / Quotationer**

AGREEMENT FORM

Tender / Quotation dated 20...

DMC (SE)/ AMC (P) / MC's sanction / Standing Committee Resolution No.....

CONTRACT FOR THE WORKS

..... This agreement made this day of

..... Two thousandBetween.....

.....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 Dy. Municipal Commissioner (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 Dy. Municipal Commissioner of the second part and the Municipal Corporation of Greater Mumbai (hereinafter called "the Corporation") of the third part, WHEREAS the contractor has tendered for the construction, completion and maintenance of the works described above and his tender has been accepted by the Commissioner (with the approval of the Standing Committee of the Corporation) NOW THIS THIS AGREEMENT WITNESSETH as follows:-

- 1) In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract for works hereinafter referred to:-
- 2) The following documents shall be deemed to form and be read and constructed as a part of this agreement viz.
 - a) The letter of Acceptance
 - b) The Bid:
 - c) Addendum to Bid; if any
 - d) Tender Document
 - e) The Bill of Quantities:
 - f) The Specification:
 - g) Detailed Engineering Drawings
 - h) Standard General Conditions of Contracts (GCC)
 - i) All correspondence documents between bidder and MCGM
- 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 work in conformity in all respects with the provision of the contract.
- 4) The Commissioner hereby convenient to pay to the Contractor in consideration of construction, completion and maintenance of the works the contract sum, at times and in the manner prescribed by the contract.

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

Signed, Sealed and delivered by the contractors

In the presence of

Trading under the name and style of

Full Name
Address

Contractors

Signed by the Dy. Municipal Commissioner

in the presence of

Dy. Municipal Commissioner

The Common seal of the Municipal Corporation of Greater Mumbai was hereunto affixed on the 20
in the presence of two members of the Standing Committee.

- 1.
- 2.

- 1.
- 2.

And in the presence of the Municipal Secretary

Municipal Secretary

EE (M&E)WTP M-III A PP

Dy.HE (M&E) M-III A PP

H.E.

Note:-The successful bidder will have to pay stamp duty, legal & stationary charges as mentioned in clause 43 & 44 .

Undertaking for Best Price

(As per circular u/no. DMC / CPD / OD / 15 dated. 06/05/2013, to be submitted with) (On stamp paper of Rs. 200/- duly notarized by notary with red seal and registration number)

Sub: _____

To,

The Municipal Commissioner

For the Brihanmumbai Municipal Corporation

Sir,

"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 quotation 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 quotation 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 here by undertake and commit that we have not offered / supplied the subject product / similar product / system or sub system in the past one year in the Maharashtra State for quantity variation up to -50% or + 10 % at a price lower than that offered in the present bid to any other outside agencies including Govt. / Semi Govt. agencies and within the BMC also.** Further, we have filled in the accompanying quotation 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 instructions and directions given in this behalf in this quotation.

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 quotation is false or incorrect, I / We shall compensate the Brihanmumbai Municipal Corporation for any such losses or inconvenience caused to the Corporation in any manner and will not resist any claim for such compensation on any ground whatsoever, I / We agree and undertake that I / We shall not claim in such case any amount, by way of damages or compensation for cancellation of the contract given to me / us or any work assigned to me / us or is withdrawn by the Corporation."

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, black-listing, 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 and black-listing may be taken against me/us.

Quotationer's full Signature with full name & address with rubber stamp

UNDERTAKING CUM INDEMNITY BOND (On stamp Paper of R.200/-)

As per Circular u/no Ex. Engr / M&R / 310 / Civil dated 19.04.2014, to be uploaded in Folder "A"

We,

(1) Mr. _____ Aged ____ Yrs

(2) Mr. _____ Aged ____ Yrs

(3) Mr. _____ Aged ____ Yrs

Proprietor / Partner / Directors / Power Of Attorney Holder of the firm
_____ having it's office _____

here by gives an UNDERTAKING CUM INDEMNITY BOND as under:

AND WHERE AS we are register quotationer's with Brihanmumbai Municipal Corporation and / or (Name of other authority) having register No ----- Valid up to----- AND WHERE AS Brihanmumbai municipal corporation has published the quotation / noticed for the work of ----- in ____ ward

AND WHERE AS we want to participate in the quotation / procedure. I/We hereby give an Undertaking- Cum- Indemnity Bond as hereinafter appearing 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 D emotion, 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, executor's administrators and assigns and/or successor and assigns.

Place :

Dated :

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

Identified by me,

BEFORE ME

Annexure – A1
Irrevocable Undertaking

(On RS. 500/- stamp paper duly notarized by notary with red seal and registration number)

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 to 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

DEPONENT

This day of

BEFORE ME

Interpreted Explained and Identified by Me.

UNDERTAKING - I

To,

The Municipal Commissioner,
Brihanmumbai Municipal Corporation,
Mumbai – 400 001.

Sir,

I / we have read the terms and conditions as stipulated in the enclosed herewith and accepts the same.

Yours faithfully,

**Quotationer's Signature
& Office Stamp.**

Quotationer's full address& Tel. No.