# नाशिक महानगरपालिका, नाशिक विद्युत विभाग

ई- कोटेशन नोटीस क्र. ७ सन २०२४-२५

दिनांक: २९/०८/२०२४

कामाचे नांव : श्वान निर्बिजीकरण केंद्र पंचवटी विभाग येथे ऑपरेशन कक्षामध्ये वातानुकुलित

यंत्रणा बसविणे

प्राकलन र.रु. : १,७३,०४१/-

कोटेशन फॉर्म मिळण्याचे ठिकाण : www.nmc.gov.in वर उपलब्ध आहे.

कामाची मुदत : ३० दिवस

काम करणेचे ठिकाण : नाशिक महानगरपालिका, नाशिक

कोटेशन फॉर्म मिळण्याची तारीख: दि.३१/०८/२०२४ ते दि.०६/०९/२०२४.

कोटेशन जमा करण्याची अंतिम तारीख : दि.०६/०९/२०२४ रोजी दुपारी ३:०० वाजेपर्यत.

कोटेशन जमा करण्याचे ठिकाण : विद्युत विभाग,

राजीव गांधी भवन, नाशिक म.न.पा.

शरणपुर रोड, नाशिक

कार्यकारी अभियंता (विद्युत) नाशिक महानगरपालिका,नाशिक

|      | NASHIK MUNICIPAL CORPORATION  |    |  |  |  |  |  |
|------|---|----|--|--|--|--|--|
|      | Rajiv Gandhi Bhavan, Sharanpur Road, Nashik                             |    |  |  |  |  |  |
|      | Electrical Department   |    |  |  |  |  |  |
|      | DETAILED 'E' Quotation form No. 7 of Year 2024-25                       |    |  |  |  |  |  |
|      | NASHIK MUNICIPAL CORPORATION, (NMC), NASHIK, invites 'E' Quotation form |    |  |  |  |  |  |
| 'PEI | RCENTAGE RATE Quotation from firms/comp                                 |    |  |  |  |  |  |
|      | er qualification criteria.  |    |  |  |  |  |  |
| 1)   | NAME OF WORK  | :  | Supply and ercting air conditioning unit and   |  |  |  |  |
|      |   |    | allied electrificatation work at shwan   |  |  |  |  |
|      |   |    | nirbijikaran Kendra, Adgaon of NMC.  |  |  |  |  |
| 2)   | SCOPE OF WORK   | :  | Supply and ercting air conditioning unit and   |  |  |  |  |
|      |   |    | allied electrificatation work at shwan   |  |  |  |  |
|      |   |    | nirbijikaran Kendra, Adgaon of NMC.  |  |  |  |  |
| 3)   | ESTIMATED COST PUT TO Quotation   | :  | Rs. Eastimate Rs. 1,73,041/- (Inclusive GST)   |  |  |  |  |
| 4)   | DATE OF ISSUING OF ON LINE Quotation                                    | :  | 31/08/2024 To 06/09/2024 (Including all  |  |  |  |  |
| ",   | FORM  | •  | holidays)  |  |  |  |  |
|      | Available on our web site   | :  | www.nmc.gov.in   |  |  |  |  |
| 5)   | TIME LIMIT  | :  | 30 Days (Inclusive Mansoon)  |  |  |  |  |
| 6)   | PLACE OF WORK   | :  | NMC, Nashik, Maharashtra State, (INDIA).   |  |  |  |  |
| 7)   | SECURITY DEPOSIT  | :  | Total S.D is 2% of accepted Quotation cost.  |  |  |  |  |
|      |   | a) | 2% of the accepted Contract Value in favor of Commissioner, Nashik Municipal Corporation, Nashik and can be paid in the form of Demand Draft in favor of the Commissioner Nashik Municipal Corporation. Nashik.  |  |  |  |  |
| 8)   | VALIDITY OF OFFERS  | :  | 60 Days or till expressly withdrawn by the Quotation after 60 days, whichever is later.  |  |  |  |  |
| 9)   | AVAILABILITY OF DETAILED Quotation NOTICE                               | :  | From 31/08/2024 To 06/09/2024 including all holidays online on our website www.nmc.gov.in  |  |  |  |  |
| 10)  | LAST DATE OF SUBMISSION OF  | :  | Quotation documents (Technical bid &   |  |  |  |  |
|      | TECHNICAL BID & FINANCIAL BID (Quatation DOCUMENTS)                     |    | Financial bid) shall be submitted in the office of Ex.Engr, Nashik Municipal Corporation, Rajiv Gandhi Bhavan, Sharanpur Road, Nashik on or before <u>06/09/2024</u> up to <u>15:00</u> hrs.   |  |  |  |  |
| 11)  | DATE AND TIME OF OPENING OF Quatation DOCUMENT                          | :  | If possible the tenders will be opened on <a href="mailto:opened-on/99/9/2024">opened-on/99/9/2024</a> after <a href="mailto:15:00">15:00</a> hrs in the office of Executive Engineer, Nashik Municipal Corporation, Rajiv Gandhi Bhavan, Sharanpur Road, Nashik, in presence of intending Tenderer or their representatives if any. Please Note that after scrutiny of Technical bid, the financial offers of only qualified tenderer will be opened. |  |  |  |  |
| 12)  | CONTACT DETAILS   | :  | For any clarification & communication with reference to the Quotation documents, the concessionaires are expected to communicate at contact information provided below-Executive Engineer Electrical Department Nashik Municipal Corporation, Rajiv Gandhi Bhavan, Sharanpur Road, Nashik -422001. Email- ee electrical@nmc.gov.in Phone – (0253) 2222434.   |  |  |  |  |

### 13) TENDERER TO INFORM HIMSELF FULLY:-

The Quotation shall be deemed to have fully acquainted himself with the work & site conditions and carefully examined the special conditions, the specifications mentioned for the said work, and shall be deemed to have fully informed himself regarding the local conditions and various prevailing laws at time beings.

The Quotation shall also be deemed to have fully acquainted with various items involved in the works and as well as deemed to have fully acquainted himself with the fact that the work is to be carried out in Nashik Municipal Corporation area. The Quotation should therefore plan his schedule of work properly so as to complete the work within stipulated time limit. Nashik Municipal Corporation will not be liable for any loss or damage sustained by the Quatation due to any reason.

- i) Contractor must abide by B1 / Quatation form condition. (Attached separately)
- ii) Contractor has to download mobile app of NMC Know our works / PMS and has to upload photo / Video before / during / after the work.

### 14) DEFECT LIABILITY PERIOD (DLP):-

Defect liability period for the work is 12 *Calendar months* & it should be counted after satisfactory testing and commissioning of all components. And will start after issuing completion certificate from competent authority. The shall be responsible for maintaining the entire scheme including all labor, material, supervision etc. repairing, replacing the defective material used in the work at his own cost including cost of any charges during execution and testing of the scheme.

## 15) JOINT VENTURE OR ANY TYPE OF CONSORTIUM IS NOT ALLOWED.

# 16) METHOD OF SUBMISSION OF BOTH THE TECHNICAL BID, FINANCIAL BID & OPENING OF OFFER: - (i.e. Quatation documents.)

The Quatation documents i.e. technical bid & financial bid both shall be submitted at the Executive Engineer (Electrical) office Rajiv Gandhi Bhavan Nashik on or before specified date & time as prescribed.

# A) TECHNICAL BID :-

The Quatation documents i.e. technical bid & financial bid both shall be submitted at the Executive Engineer (Electrical) office Rajiv Gandhi Bhavan Nashik on or before specified date & time as prescribed.

- 1) Certificate as a registered contractor in electrical category with Maharashtra PWD OR CPWD as class 'E'. Valid as on date.
- 2) Valid Electrical contractor's license by Govt. of Maharashtra
- 3) Valid PAN registration certificate.
- 4) Valid P.F / EPF Registration certificate.
- 5) Valid GST registration certificate.

# B) FINANCIAL BID :-

The financial bid shall be Submitted sealed Envelop at the office of Executive Enginner (Electrical) Rajiv Gandhi Bhavan. Tenderers shall quote a firm offer. Conditional offers shall not be considered and shall be treated as non-responsive and thereof.

Tenderers are requested to fill the tender carefully after noting the items and specifications. They are informed that no variation in rates etc. shall be allowed on any ground such as clerical mistake. Misunderstanding etc. after the Quatation has been submitted.

The offer should be based on the scope of work given above and should be inclusive of all taxes of state and central Govt. applicable levies, duties, insurance and all other charges including traveling, lodging and boarding or any other expenses of the tenderer and other employees of the Tenderer. NMC will not bear any expenses other than the cost quoted for the work.

The agreement will have to be carried out on the stamp paper. As per act prevailing Govt. order, required amount of stamp paper will be purchased by the tenderer.

# C) CONDITION FOR PAYMENT OF ADDITIONAL PERFORMANCE SECURITY DEPOSIT:-

1) The contractor shall require to furnish the performance security deposit in the form of demand draft/FDR/ recoverable Bank Guarantee of Nationalized Bank within 8 days after opening of financial envelope (envelope No-2)

For Example: If rate are 19% below

1% to 10% below - 1%

Up to below 15% - 15% - 10% = 5% (19% - 15%= 4%) - 4% X 2 = 8%

Total PSD (1+5+8) = 14%

- Additional Performance security of the successful bidder shall be returned immediately upon satisfactory completion of work, the certificate of which shall be issued by the EE before releasing the additional security.
- 3) If the lowest bidder offer is more than 10% below the estimated cost of the tender, tender calling authority should be call for the written explanation from this bidder with respect to the planning of execution of work as the rate quoted by him. Tender calling authority should assure himself about the feasibility of planning submitted by the bidder with respect to the quoted rates.

### **OPENING OF OFFER:-**

Tenders will be opened in the office of Executive Engineer (NMC) as mentioned above

- **Technical bid:** If possible technical bid will be opened to verify its contents as per requirement on specified date & time. If the various documents do not meet the requirements of the Tender, Tenderer will be disqualified, However if the Executive Engineer feels that the Tenderer may be asked to submit the requisite document within a stipulated time frame at the discretion of opening authority and if the Tenderer fails to submit those documents within the stipulated time frame then a note will be recorded accordingly by the opening authority and the said Tenderer's offer will not be considered for further action.
- Financial Bid: If possible this bid shall be opened on date & time specified of the qualified Tenderer only if contents of Technical bid are found acceptable. The tendered rate in form B-1 of the tender as percentage above / below the estimated rates put to the tender the amount shall then be read out.
- NMC is not responsible if due to any reason, tender documents are not uploaded on the last date of iii) submission. To avoid network congestion proper care should be taken and may upload tender well in advance before last date & time of submission.
- Tenderer and his authorized representative shall remain present with original documents during opening of Financial bid.

#### **GENERAL CONDITIONS:-**17)

#### **APPROVALS:**a)

i)All work shall be carried out as per the specification contained in the standard specification published by public works and housing department, Govt. of Maharashtra. In case of the discrepancy decision of the Engineer-In-Charge will be Final.

ii) All test of pole, Earthing, cable shall be done as per specification in the presence of representative of NMC & NMC approved third party inspection at Bidder own cost

### INSURANCE:-

Successful Contractor shall take out necessary Insurance Policy / Policies so as to provide adequate insurance cover for executive of the awarded contract work from the "Directorate of insurance, Maharashtra state Mumbai" only. It's Postal address for correspondence is 264, MHADA, First Floor, Opp. Kalanagar, Bandra (East), Mumbai-400051. (Telephone nos. 6438690/6438746, Fax no.6438461).

If the contractor fails to take insurance policy as above within 15 days from the date of work order, 1% amount will be deducted from bill.

#### c) PAYMENT:-

- i) Contractor shall submit his bills on his own printed form. The manner of preparation of bills should be according to the routine official procedure.
- ii) Payment will be released as per availability of funds and no interest or claim will be paid on account of delayed payment.
  - iii) S.D. will be released after defect liability period.

#### d) REJECTION OF OFFER:-

The Commissioner, Nashik Municipal Corporation, Nashik reserves the right to reject any or all offers without assigning any reason thereof.

#### PROGRESS OF WORK:e)

The contractor should take site survey within of 0 (T0) to 3 (T1) days. The contractor must start work within 0 (T0) to 7 (T2) days and should finish the work within period of 30 to 60 days i.e. (T2 + 30 to 60 days) as per site requirement.

# COMPENSATION & DELAY(Clause 2 of B1/B2 Tender condition applies here):-

i) Compensation & Delay will be levied on the delayed of work within time limit, the penalty will be charged as per given below

from  $1^{st}$  day of work order to  $\frac{1}{4}^{th}$  period of work order. = nil after  $\frac{1}{4}^{th}$  period of W.O. to  $\frac{1}{2}^{th}$  period of work order.=0.025 % of tender amount per day. after  $\frac{1}{2}^{th}$ period of W.O. to 3/4 th period of work order.=0.05 % of tender amount per day. after 3/4 th period of W.O. to last day of work order.=0.075 % of tender amount per day. After last date of W.O to till the completion day of work. 0.1% of tender amount per day.

| ii) If the material used for work is found of inferior quality or not as per specifications, the tenderer shall replace the fitting within 7 days from date of intimation at the cost & risk of the tenderer, failing which Earnest Money Deposit & Contract Deposit of the Contractor shall be forfeited & the tenderer shall be liable for penal action, including blacklisting etc. In addition to this for failure, the Earnest Money Deposit & contract deposit, or any fines is imposed by the Municipal Commissioner, the same shall be payable by the tenderer immediately on demand failing which the same shall be recovered from other dues to the tenderer from the Municipal Corporation |   |  |
|---|---|--|
| BLACKLISTING:-  |   |  |
| <ul> <li>i) Forged document are submitted or</li> <li>ii) If it becomes responsive on the basis of submission of bogus certificate.</li> <li>iii) In case of non supply of equipment /accessories or supply of substandard quality or supply of equipment / accessories found to have been previously used or having reconditioned part.</li> <li>iv) The successful bidder will have to pay initial deposit 5 % amount of the total cost of his bid as security deposit shall paid in the treasury of N.M.C. within 10 days from the date of communication of acceptance of his offer. Failing which the EMD will be also forfeited at the risk &amp; cost of the tenderer.</li> </ul>               |   |  |
|   |   |  |
| The Commissioner, Nashik Municipal Corporation is the sole arbitrator for this work & contract.   |   |  |
| ACKNOWLEDGING COMMUNICATIONS:-  |   |  |
| Every Communication from the Executive Engineer (Ele.) Nashik Municipal Corporation of Nashik to the tenderer should be acknowledging by the tenderer with the signature of authorized person and with official rubber stamp of the tenderer.   |   |  |
| JURISDICTION OF COURTS NASHIK ONLY:-  |   |  |
| TAXES AND DUTIES:-  |   |  |
| The rates quoted by the tenderer should inclusive of all duties, levies taxes including GST.  |   |  |
|   |   |  |
| It is at desecration of NMC authority to imposed force majeure clause and thereof.  |   |  |
|   |   |  |
| Signature and Stamp   | Executive Engineer Electrical Department  |  |
| Of Contractor  Nashik Municipal Corporation   |   |  |
|   | replace the fitting within 7 days from date of intimatic Money Deposit & Contract Deposit of the Contractor action, including blacklisting etc. In addition to the deposit, or any fines is imposed by the Municipal Colimmediately on demand failing which the same shall Municipal Corporation  BLACKLISTING:-  i) Forged document are submitted or  ii) If it becomes responsive on the basis of submissifii) In case of non supply of equipment /accessories of accessories found to have been previously used or have iv) The successful bidder will have to pay initive security deposit shall paid in the treasury of N.M.C. acceptance of his offer. Failing which the EMD will be DISPUTE:-  The Commissioner, Nashik Municipal Corporation is ACKNOWLEDGING COMMUNICATIONS:-  Every Communication from the Executive Engineer tenderer should be acknowledging by the tenderer wrubber stamp of the tenderer.  JURISDICTION OF COURTS NASHIK ONLY:- TAXES AND DUTIES:-  The rates quoted by the tenderer should inclusive of all FORCE MAJEURE CLAUSE:- |  |

# NASHIK MUNICIPAL CORPORATION ELECTRICAL DEPARTMENT

'E' Quotation form No.7

(2024-25)

Name of work : Supply and ercting air conditioning unit and allied electrificatation work at shwan nirbijikaran Kendra, Adgaon of NMC.

Estimate Cost put Rs.1,73,041/-

Time limit :- 30 Days

| SCHEDULE D OF D-1 E QUOTATION FOR | <b>SCHEDULE</b> | B' OF B- 1 | <b>'E' QUOTATION FORM</b> |
|-----------------------------------|-----------------|------------|---------------------------|
|-----------------------------------|-----------------|------------|---------------------------|

| Sr.       | SCHEDULE 'B' OF B- 1   | Qty. |      |       |      | Amount    |
|-----------|--|------|------|-------|------|-----------|
|           | Item   | Ų    | ıy.  | Rate  | Per  | Amount    |
| No.<br>1. | 3-2-11 (New) Supplying, installing, testing & commissioning split type variable speed inverter technology with minimum 3 to 1 convertible mode for compressor, room air conditioning unit 1.3TR to 1.6TR capacity having ISEER minimum 5.00 suitable to operate on 250V, 50 Hz, A.C. supply having 1 no of air handling unit hi-wall/floor mounting type complete with refrigerant R32 having copper condenser, minimum 2.5PM filter, self diagnosis feature, stabilizer free operation & temperature display on indoor unit, noise level maximum 50dBA at position as per | 2    | Nos. | 55578 | Each | 111156.00 |
| 2.        | specification no. APAC/ WAC  2-10-21  Supplying and erecting energy saving ceiling fan 230 V A.C. 50 cycles 1200 mm complete erected in position as per specification no. FG-FN/CF   | 5    | Nos. | 2397  | Each | 11985.00  |
| 3.        | 3-2-26 (New) Supplying & erecting seamless outside & inside, smooth, dry and clean copper pipe with ROHS compliant suitable for refrigerant having 22SWG thickness and inner dia/size 12mm complete.   | 6    | Mtr  | 300   | Mtr. | 1800.00   |
| 4.        | 3-2-27 (New) Supplying & erecting seamless outside & inside, smooth, dry and clean copper pipe with ROHS compliant suitable for refrigerant having 22SWG thickness and inner dia/size 16mm complete.   | 6    | Mtr  | 450   | Mtr. | 2700.00   |
| 5.        | 4-2-9 Supplying and erecting elastomeric nitrile rubber / foam tube type sleeves for coating and insulating on provided PC / copper pipes having 9 mm thickness and inner diameter / sizes 12 mm for solar water heater/AC system.   | 6    | Mtr  | 73    | Mtr. | 438.00    |
| 6.        | 4-2-10 Supplying and erecting elastomeric nitrile rubber / foam tube type sleeves for coating and insulating on provided PC / copper pipes having 9 mm thickness and inner diameter / sizes 16 mm for solar water  | 6    | Mtr  | 83    | Mtr. | 498.00    |

| Sr.<br>No. | Item   | Qt | ty. | Rate | Per  | Amount  |
|------------|--|----|-----|------|------|---------|
| 110.       | heater/AC system.  |    |     |      |      |         |
| 7.         | 1-3-15 Supplying and erecting PVC insulated PVC round sheathed 2.5 sq.mm (50 no. x 0.25 mm dia.) 3 core flexible multi stranded copper Industrial cable for voltage grade up to 1.1 kV   | 6  | Mtr | 96   | Mtr. | 576.00  |
| 8.         | 2-11-3 Supplying and erecting fan clamp of 30 x 5 mm. M.S. flat of required length and 10 mm. M.S. bolt and nuts erected with necessary hook of 10 mm. M.S. round bar and painted.   | 5  | Nos | 195  | Each | 975.00  |
| 9.         | 2-11-6 Supplying and erecting 'B' class G.I .pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core flexible cable 1 sq. mm copper PVC wire.  | 5  | Nos | 229  | Each | 1145.00 |
| 10.        | 1-6-23 Supplying and erecting modular type (two module) electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete.  | 5  | Nos | 382  | Each | 1910.00 |
| 11.        | 1-6-1 Supplying and erecting modular type switch 6A / 10A duly erected on provided plate and box with wiring connections complete.   | 5  | Nos | 72   | Each | 360.00  |
| 12.        | Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly erected.  | 3  | Nos | 222  | Each | 666.00  |
| 13.        | 1-6-28<br>Supplying and erecting PVC Surface<br>modular switch box with double mounting<br>plate for 3 module duly erected.  | 1  | Nos | 148  | Each | 148.00  |
| 14.        | 5-3-6 Supplying, erecting & marking DPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB   | 2  | Nos | 535  | Each | 1070.00 |
| 15.        | 5-4-7 Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming and 2 ways (2 poles) for outgoing SP MCBs, with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron / GI frame as per specification no. SW-SWR/MCBDB | 2  | Nos | 1054 | Each | 2108.00 |
| 16.        | Supplying and erecting PVC trunking (PVC casing-n-capping) of size 25 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.  | 60 | Mtr | 44   | Mtr. | 2640.00 |

| Sr. | Item  | Q  | ty.     | Rate      | Per     | Amount    |
|-----|---|----|---------|-----------|---------|-----------|
| No. |   |    |         |           |         |           |
| 17. | 1,3-1, 1-3-2 Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW    | 35 | Mtr     | 82        | Mtr.    | 2870.00   |
|     | (62+20=82)  |    |         |           |         |           |
| 18. | 1-3-1 Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW (40+20=60) | 60 | Mtr     | 60        | Mtr.    | 3600.00   |
|     |   |    | Total R | s. Withou | ıt GST  | 146645.00 |
|     |   |    |         | GST       | 18 %    | 26396.00  |
|     |   |    |         | Tot       | tal Rs. | 173041.00 |

I /We are hereby agreed to exeute the above work at % above / below (In words ...... perecent ) the estimated rates.

Signature & stamp of Contractor

Executive Engineer (Ele.) Nashik Municipal Corporation,

# NASHIK MUNICIPAL CORPORATION NASHIK ELECTRICAL DEPARTMENT LIST OF APPROVED MAKES

| Sr.<br>No. | Item                         | Make   |
|------------|------------------------------|--|
| 1)         | FRP Box                      | MEW/ Sintex/ Nil Kamal/ Ajay/ National/RMW             |
| 2)         | Wire (Multistrand)           | Vishal/ Poly cab / Finolex/ KEI/ HPL/R.R./ V-guard     |
| 3)         | Cable (Armored /             | Poly c ab /Finolex/KEI/Kenter/ Havells/ HPL/ R.R.      |
|            | Unarmored)                   | Kable/Vishal/Metrocab                                  |
| 4)         | Contactor                    | L&T/ G.E./ C&S/ Schneider/ Indo-asian/ HPL             |
| 5)         | D.P. Switch / Switches /     | Anchor / Vinay/ KALKI/ Great white/ Havells / Benlo/   |
|            | Accessories                  | Legrand  |
| 6)         | LT. Switch gear              | L&T/ GE./ C&S/ Simens/ Schneider/ Crompton             |
| 7)         | APFC                         | Klug Power Systems                                     |
| 8)         | Cable gland                  | Braco/ KEW/ Chetana                                    |
| 9)         | Cable lugs                   | 3 D / Chetana/ Braco/ KEW/ Dowells/ ECC                |
| 10)        | Octagonal poles              | Bajaj/ volmont/ Surya/ Transrail                       |
| 11)        | G.I. Poles / Pipes           | Jindal/ Tata/ Surya Prakash/ Zenith-Birla/ Apollo      |
| 12)        | DWC Pipe                     | Rex/ Duraline/ Electrex/ Finolex/ Tirupati             |
| 13)        | Kitkat                       | Anchor/Satnley/Kew/Vinay/KALKI/Great                   |
|            |                              | white/Equivalent                                       |
| 14)        | D.G. Set                     | Kirloskar/Cummins/ Mahindra/ Powerica/ Cuter-pillar or |
|            |                              | approved by engineer In charge                         |
| 15)        | LED Fittings Indoor/ outdoor | Philips/Bajaj/Crompton /Surya/ Havells/ Osram/         |
|            |                              | Equivalent   |
| 16)        | Fan                          | Crompton / Bajaj/ Havells/ Khaitan/ GE                 |
| 17)        | Switches                     | Anchor Penta /Legrand / Havells /Vinay                 |
|            |                              | approved by Engineer In charge                         |
| 18)        | Casing-Patti/ Conduits       | Precision/ Astral/ Mody/ Anchor or                     |
|            |                              | approved by Engineer In charge                         |
| 19)        | Any other                    | as per approved by Engineer In charge                  |

-Sd-Superintending Engineer Electrical - Mechanical Department Nashik Municipal Corporation