

**"Request for Proposal of Supply, Installation of Computer, Printers, Laptop, Networking and Miscellaneous Items for Jabalpur Smart City Ltd"**



**Jabalpur Smart City Limited**

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The JSCL, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, **"Request for Proposal of Supply, Installation, of Computer , Printers, Laptop ,Networking and Miscellaneous Items for Jabalpur Smart City Ltd"** in JSCL area damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP document and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP document or arising in any way for participation.

The JSCL also accepts no liability of any nature whether resulting from negligence or Otherwise howsoever caused arising from reliance of any Applicant upon the statements Contained in this RFP document.

The JSCL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP document before the last date of bid submission.

The issue of this RFP document does not imply that the JSCL is bound to select an Applicant or to appoint the selected Applicant or Concessionaire, as the case may be, for the Project and the JSCL reserves the right to reject all or any of the Applicants or Bids without assigning any reason whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and Submission of its Bid including but not limited to preparation, copying, postage, delivery Fees, expenses associated with any demonstrations or presentations which may be required by the JSCL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Applicant and the JSCL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

**Chief Executive Officer  
Jabalpur Smart City Ltd.**

## 1. Invitation For Proposal

Name of the Work:- Request for proposal of “ **Supply, Installation, of Computer , Printers, Laptop , Networking and Miscellaneous Items for Jabalpur Smart City Ltd**”.

1.1 JSCL hereby invites online bids for Selection of a agency for “**Supply, Installation, Computer, Printers, Laptop, Networking and Miscellaneous Items for Jabalpur Smart City Ltd**”.

### **Broadly the project includes following works:-**

a) **Supply and Installation of Computers, Desktops, Printers , Networking and Miscellaneous items for Jabalpur Smart City Limited for the period of One YEAR (12 Months) on "AS AND WHEN REQUIRED BASIS" with effect from Agreement date**

1.2 The RFP document can be downloaded from [www.jscljabalpur.org](http://www.jscljabalpur.org) or <https://mptenders.gov.in>, and can be purchased from <https://mptenders.gov.in>. Applicant is required to submit bid document online and offline at the office, details of which are given below.

### **Address for Document Submission**

Executive Director

Reg. Office- Jabalpur Smart City Limited

Manas Bhawan, Wright Town,

Jabalpur, M.P- 482001

Website:-[www.jscljabalpur.org](http://www.jscljabalpur.org)

Email:-[admin@jscljabalpur.org](mailto:admin@jscljabalpur.org), [ceojscl@mpurban.gov.in](mailto:ceojscl@mpurban.gov.in)

Contact:-7611136800,7611136802

All subsequent notifications, changes and amendments will be uploaded on the JSCL’s website

[www.jscljabalpur.org](http://www.jscljabalpur.org) and <https://mptenders.gov.in>

1.3 Applicant (authorized signatory) shall submit its offer for preliminary qualification, Technical and financial proposal [mptenders.gov.in](https://mptenders.gov.in) system. However, Tender Document Fees and Earnest Money Deposit (EMD) should be deposited online. The bid document complete in all respect is to be submitted on or before the time of last date of submission of bid through [mptenders.gov.in](https://mptenders.gov.in) system. JSCL will not be responsible for delay in submission due to any reason.

## 1.4 Key Events and Dates

Last Date for Document Submission Online	:-	27/09/2019
Last Date for Document Submission Offline	:-	28/09/2019
Date of Opening of Technical Bids Online	:-	30/09/2019
Cost of Tender Document	:-	2000/-
Earnest Money Deposit	:-	25,000/-

**Chief Executive Officer  
Jabalpur Smart City Ltd.**

## SECTION 2

### **INSTRUCTIONS TO BIDDERS (ITB)**

#### **A. GENERAL**

##### **PROJECT OBJECTIVE AND KEY COMPONENTS**

The brief scope of work comprises of Carrying out supply and installation of computer , laptop , printers , networking, , firefighting system and miscellaneous data networking works for Jabalpur Smart City Limited on "as and when required basis" or on the **basis of requirement**, supply is to be carried out for the period of 12 Months ..

#### **2. GENERAL QUALITY OF WORK:**

The work shall have to be executed in accordance with the technical specifications specified in the Bill of Quantities.

#### **3. PROCEDURE FOR PARTICIPATION IN E- TENDERING:**

The procedure for participation in e-tendering is given in the Bid Data Sheet.

#### **4. ONE BID PER BIDDER**

1.1 The bidder can be an individual entity or Firm/LLP/Company. NO Joint Venture will be allowed.

1.2 No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids wherein the bidder has participated shall stand disqualified.

#### **5. COST OF BIDDING:**

The bidder shall bear all costs associated with the preparation and submission of his bid, and no claim whatsoever for the same shall lie on the JSCL or the Authority

**6. Payment Terms:** Whenever JSCL will give work order to the selected bidder, the bidder will supply and install the require items. After that the bidder will raise the invoice against

the work order. After that JSCL will pay to the bidder within 30 days. 15 % of the invoice value will be released after the completion of defect liability period.

## **B.BID DOCUMENTS**

### **7. CONTENT OF BID DOCUMENTS:**

The Bid Document comprises of the following documents:

1. NIT with all amendments.
2. Instructions to Bidders, Bid Data Sheet with all ANNEXURE
3. Conditions of Contract :
  - I. Part I General Conditions of contract and the Contract Data with all ANNEXURE, and
  - II. Part II Special Condition of Contract.
4. Specifications
5. Priced bill of quantities
6. Technical and Financial bid
7. Letter of Acceptance
8. Agreement, and
9. Proof of online payment / Bank Guarantee of any Nationalized or all commercial Scheduled Bank against EMD in favour of "**Executive Director Jabalpur Smart City Limited**".
10. Copy of documents related to qualifying requirement of bidders as per NIT clause.
11. Certificate of Financial Turnover duly certified by CA as indicated above.
12. Acknowledgement towards cost of tender fee submission.
13. All pages of the entire Corrigendum (if any) duly signed by the authorized person
14. Any other document(s), as specified

### **8. INFORMATION**

The bidder is expected to examine carefully all instructions, conditions of contract, the *Contract data*, forms, terms and specifications, bill of quantities, forms and drawings in the bid document, Bidder shall be solely responsible for his failure to do so.

### **9. AMENDMENT OF BID DOCUMENTS**

- 14.1 Before the deadline for submission of bids, the Employer may amend or modify the bid document by publication of the same on the website.
- 14.2 All amendments shall form part of the Bid Document.

14.3 The Employer may, at its discretion, extend the last date for submission of bids by publication of the same on the website.

### **C. PREPARATION OF BID**

#### **10. BID PREPARATION.**

The bidders have to prepare their bids online, encrypt their Bid Data in the Bid Forms and submit Bid Seals (Hashes) of all the envelopes and documents related to the bid required to be uploaded as per the time schedule mentioned in the key dates of the Notice Inviting e-tenders after signing of the same by the Digital Signature of their authorized representative.

#### **10. DOCUMENTS COMPRISING THE BID:**

The bid submitted online by the bidder shall be in the following parts:

**Part1-** This shall be known as online Envelop A and would apply for all bids. Online envelop A shall contain the following as per details given in the bid data sheet:

- i) Registration number or proof of application for registration and organizational details in the format given in the bid data sheet.
- ii) Payment of the cost of Bid Document.
- iii) Earnest Money : and
- iv) An Affidavit Duly Notarized.

**Part 2 –** This shall be known as Online Envelope B and required to be submitted only in work where pre-qualification conditions and / or special eligibility conditions are stipulated in the Bid Data Sheet. Online Envelope B shall contain a self-certified sheet duly supported by documents to demonstrate fulfilment of pre-qualification conditions.

**Part 3-** This shall be known as online Envelope C and would apply to all bids. Envelop C shall contain financial offer in the prescribed format enclosed with the Bid Data Sheet and shall only be submitted online.

#### **11. LANGUAGE:**

The bid as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer shall be in English or Hindi. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case, for the purposes of interpretation of the bid, such translation shall govern.



## **12. TECHNICAL PROPOSAL:**

12.1. Only, in case of bids with pre-qualification conditions defined in the Bid Data Sheet, the Technical Proposal shall comprise of formats and requirements given in the Bid Data Sheet.

12.2. All the documents/ information enclosed with the Technical Proposal should be self-attested and certified by the bidder. The Bidder shall be liable for forfeiture of his earnest money deposit, if any document/information is found false/fake/untrue before acceptance of bid. If it is found after acceptance of the bid, the bid sanctioning authority may at his discretion forfeit his performance security / guarantee, security deposit, enlistment deposit and take any other suitable action.

## **13. FINANCIAL BID:**

- i. The bidder shall have to quote rates in format referred in Bid Data Sheet, in overall item wise, if the bid is in absolute amount, item wise rates would be arrived at in relation to the probable amount of contract given in NIT. The overall item rate would apply for all items of work.
- ii. The bidder shall have to quote rates inclusive of all duties, royalties, levies and taxes except Goods and Services Tax (GST). The amount of applicable GST will be paid separately to the Contractor with each bill at the time of payment. The employer shall not be liable for any duties, taxes (except GST) royalties and levies.
- iii. The material along with the units and rates, which shall be issued, if any, by the department to the contractor, is mentioned in the Bid Data Sheet.

## **14. PERIOD OF VALIDITY OF BIDS:**

The bids shall remain valid for a period specified in the Bid Data Sheet after the date of “close for bidding” as prescribed by the Employer. The validity of the bid can be extended by mutual consent in writing.

### **D. SUBMISSION OF BID**

## **16. BID SUBMISSION**

The bidder is required to submit online bid duly signed digitally and envelop “A” in physical form also at the place prescribed in the Bid Data Sheet.

### **E. OPENING AND EVALUATION OF BID**

## **17. PROCEDURE:**

19.1 *Envelope “A”* shall be opened first online at the time and date notified and its contents shall be checked. In cases where *Envelope “A”* does not contain all requisite documents, such bid shall be treated as non-responsive , and envelop B and / or C of such bid shall not be opened.

19.2 Wherever *Envelope ‘B’ (Technical Bid)* is required to be submitted, the same shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the *Envelope ‘B’ Envelope ‘C’ (financial bid)* of bidders who are not qualified *in Technical Bid (Envelop ‘B’)* shall not be opened.

19.3 *Envelope ‘C’ (Financial Bid)* shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the *Envelope ‘C’*

19.4 After opening *Envelope ‘C’* all responsive bids shall be compared to determine the lowest evaluated bid.

19.5 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.

19.6 The employer reserves the right of accepting the bid for the whole work or for a distinct part of it.

## **18. CONFIDENTIALITY:**

20.1 Information relating to examination, evaluation, comparison and recommendation of contract award shall not be disclosed to bidders or any other person not officially concerned with such process until final decision on the bid.

20.2 Any Attempt by a bidder to influence the employer in the evaluation of the bids or contract award decisions may result in the rejection of his bid.

## **F. AWARD OF CONTRACT**

### **19. AWARD OF CONTRACT:**

The Employer shall notify the successful bidder by issuing a ‘Letter of Acceptance’ (LOA) that his bid has been accepted.

### **20. PERFORMANCE SECURITY**

20.1 Prior to signing of the contract the bidder to whom LOA has been issued shall have to furnish performance security of the amount in the form and for the duration, etc. as specified in the Bid Data Sheet.

### **21. SIGNING OF CONTRACT AGREEMENT:**

21.1 The successful bidder shall have to furnish Performance Security and Additional Performance Security, if any, and sign the contract agreement within 15 days of issue of LOA

21.2 The signing of contract agreement shall be reckoned as intimation to commencement of work. No separate work order shall be issued by the employer to the contractor for commencement of work.

21.3 In the event of failure of the successful bidder to submit Performance Security and Additional Performance Security, if any or sign the Contract Agreement, his EMD shall stand forfeited without prejudice to the right of the employer for taking any other action against the bidder.

**22. CORRUPT PRACTICES:**

The Employer requires that bidders observe the highest standard of ethics during the procurement and execution of contracts. In pursuance of this policy, the employer.

- i. May reject the bid for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract ; and
- ii. May debar the bidder declaring ineligible, either indefinitely or for a stated period of time, to participate in bids, if it at any time determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing , a contract.

For the purposes of this provision, the terms set forth above are defined as follows:

- a. ***'Corrupt Practice'*** means the offering, giving, receiving or soliciting directly or indirectly, anything of value to influence improperly the actions of another party ;
- b. ***'Fraudulent Practice'*** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a fanatical or other benefit or to avoid an obligation:
- c. ***'Coercive Practice'*** means impairing of harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party,
- d. ***'Collusive practice'*** means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

**(END OF ITB)**

**Eligibility Criteria**

<b>S. No.</b>	<b>Basic Requirement</b>	<b>Specific Requirements</b>	<b>Documents Required</b>
1.	Applicant Entity	Registered firms /agency /companies Legal entities duly registered under the Companies Act 1956/ 2013 is allowed.	a) Certificates of incorporation or Registration Certificates b) GST
2	General Requirement	<p>1. Applicant should be in operation for a period of at least 3 years' experience.</p> <p>2. The bidder must provide a minimum of 1 year warranty</p> <p>3. The bidder should have Work Experience in Supplying, Installation.</p> <p>4. The firm has to give a declaration that it has not been blacklisted in the past by any Govt. /Private institution of the country and there is no vigilance /any other investigating agency, Ease pending against the firm/supplier.</p>	<p>Work order and experience certificate copy issued by Government organisations.</p> <p>A self declaration of the same should be furnished.</p> <p>Work order copy and all Certificates to be enclosed.</p> <p>A self declaration of the same should be furnished.</p>

3	Turnover	The Applicant shall have an average annual turnover of at least INR 12.5 lakh in last 3 Financial Year (2016-17,2017-18,2018-19)	a) Certificate(s) from statutory auditors of the Applicant or its Associates or the concerned client(s) stating the payments made / received or works commissioned, as the case may be, during the past 3 (three) years; and b) Audited financial statements for the last three financial years(2016-17,2017-18, 2018-19).
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**|| AFFIDAVIT ||**

**(To be contained in Envelope A)**  
*(On Non Judicial stamp of Rs. 100)*

I/We \_\_\_\_\_ who is / are \_\_\_\_\_ (status in the firm / company) and competent for submission of the affidavit on behalf of M/S \_\_\_\_\_ (contractor) do solemnly affirm an oath and state that :

I/We am / are fully satisfied for the correctness of the certificates/ records submitted in support of the following information in bid documents which are being submitted in response to notice inviting e-tender No. \_\_\_\_\_ for \_\_\_\_\_ (name of work) dated \_\_\_\_\_ issued by the \_\_\_\_\_ (name of the Department).

I/We am/ are fully responsible for the correctness of following self- certified information / documents and certificates.

1. That the self – certified information given in the bid document is fully true and authentic.
2. That :
  1. Term deposit receipt deposited as earnest money, demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.
  2. Information regarding financial qualification and annual turnover is correct.
  3. Information regarding various technical qualifications is correct.
3. No. close relative of the undersigned and our firm/company is working in the department.

**Or**

Following close relatives are working in the department:

Name \_\_\_\_\_ - Post \_\_\_\_\_ present Posting \_\_\_\_\_

Signature with seal of the Deponent (bidder)

I/We, \_\_\_\_\_ above deponent do hereby certify that the facts mentioned in above paras 1 to 4 are correct to the best of my knowledge and belief.

Verified today \_\_\_\_\_ (dated) at \_\_\_\_\_ (place).

**Signature with seal of the Deponent (bidder)**

*Note: Affidavit duly notarized in original shall reach at least one calendar day before opening of the bid.*

## LETTER OF ACCEPTANCE (LOA)

No. \_\_\_\_\_

Dated: \_\_\_\_\_

To,

M/s. \_\_\_\_\_

(Name and address of the contractor)

Subject: \_\_\_\_\_

(Name of the work as appearing in the bid for the work)

Dear Sir(s),

Your bid for the work mentioned above has been accepted on behalf of the Jabalpur Smart City Limited at item Rates of the Bill of Quantities and item wise rates given therein.

You are requested to submit within 15 (Fifteen) days from the date of issue of this letter:

- a. The performance security/ performance guarantee of Rs. \_\_\_\_\_ (in-figures) (Rupees \_\_\_\_\_ in words only). The performance security shall be in the shape of term deposit receipt / bank guarantee of any nationalized / schedule commercial bank valid up to three months after the expiry of defects liability period.
- b. Sign the contract agreement.

Please note that the time allowed for carrying-out the work as entered in the bid is \_\_\_\_\_ months including/ excluding rainy season, shall be reckoned from the date of signing the-contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact the Engineer-in-charge for taking the possession of site and necessary instructions to start the work.

Yours Faithfully

Chief Executive Officer

**PERFORMANCE SECURITY**

To

\_\_\_\_\_ [name of Employer]  
\_\_\_\_\_ [address of Employer]

WHEREAS \_\_\_\_\_ [name and address of Contractor] (Hereinafter called ‘the Contractor’) has undertaken, in pursuance of letter of Acceptance No- \_\_\_\_\_ dated to execute \_\_\_\_\_ [name of Contract and brief description of Works] (hereinafter called ‘the Contract’).

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligation in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, Up to a total of \_\_\_\_\_ [amount of guarantee]\* \_\_\_\_\_ (in words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and Without cavil or argument, an sum or sums within the limits of \_\_\_\_\_ [amount of guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the term of the Contract of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 12(twelve) months from the date of expiry of the Defect Liability Period.

Signature, Name and Seal of the guarantor \_\_\_\_\_  
Name of Bank \_\_\_\_\_  
Address \_\_\_\_\_  
Phone No, Fax No., E-mail Address, of Signing Authority \_\_\_\_\_  
Date \_\_\_\_\_

\*An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.



## AGREEMENT FORM

### AGREEMENT

This agreement, made on the \_\_\_\_\_ day of \_\_\_\_\_ between:  
\_\_\_\_\_ (name and address of Employer) (hereinafter called “the Employer)  
and \_\_\_\_\_ (name and address of contractor) hereinafter called  
“the Contractor” of the other part.

Whereas the Employer is desirous that the Contractor execute  
\_\_\_\_\_ (name and identification number of Contract) (hereinafter called  
“the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of  
such Works and the remedying of any defects therein, at a cost of Rs.....

NOW THIS AGREEMENT WITNESSED as follows:

1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein Contract Price or such other Sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
  - i. Letter of Acceptance
  - ii. Contractor’s Bid
  - iii. Condition of Contract: General and Special -
  - iv. Contract Data
  - v. - Bid Data
  - vi. Drawings
  - vii. Bill of Quantities and
  - viii. Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed whereof the parties there to have caused this Agreement to be executed the day and year first before written.

The Common Seal of \_\_\_\_\_ was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said \_\_\_\_\_ in the presence of:

Binding Signature of Employer \_\_\_\_\_

Binding Signature of Contractor \_\_\_\_\_



# BILL OF QUANTITIES (BOQ)

(Financial Bid)

## Part – 1

### SUPPLY OF LAPTOP, DESKTOP

S. No	Item Description	Unit	Qty	Rate
1	<b>Desktops</b> Processor Make Intel * Processor Generation 7th * Processor Intel Core I3-6300 (3.8 Ghz, 4 Mb Cache, 2 Cores) * Motherboard Chipset Intel H170 * Expansion Slots (pcie X 1) (number) 1 * Expansion Slots (pcie X 4) (number) 2 * Expansion Slots (pcie X 16) (number) 1 * Graphics Type Dedicated/discrete * Graphic Memory 1gb * Operating System Operating System (pre-Loaded) Windows 10 Profession AI, Windows 10 Home, Windows 10 Professional Under Microsoft Shape The Future Program)	Each	01	
3	<b>Laptop</b> with Processor - Intel® Core™ i5 840QM Processor , RAM - 8 GB RAM DDR3-1333 , Graphics Card - 2GB , HDD - 1 TB SSD Hard disk , Writer - DVD ROM , Screen - 15.6” Screen, Battery - 4-6 Hrs. backup , Keyboard - Latest with Rupees sign., OS - Windows 10 license version, Network - LAN-Gigabit (1000 mbps) LAN subsystem using the Intel® 82578DC Gigabit Ethernet Controller, Bluetooth & Wireless, Webcam , Other Device’s - AS Per motherboard Standard, Quote with Normal\Deluxe Laptop Bag with Company logo, Company Logo on LCD back panel, Modem, Card Reader, USB Controller, Power –AC adapter of same company, Wi-Fi and Bluetooth connectivity <b>Make - Dell/Acer/Lenovo/HP</b>	Each	01	
4	<b>Laptop</b> with Processor - Intel® Core™ i5 , RAM - 4 GB RAM DDR3-1333, HDD - 1 TB SSD Hard disk , Writer - DVD ROM, Screen - 15.6” Screen, Battery - 4-6 Hrs. backup, Keyboard - Latest with Rupees sign, OS - Windows 10 license version, Network - LAN-Gigabit (1000 mbps) LAN subsystem using the Intel® 82578 DC Gigabit Ethernet Controller, Bluetooth & Wireless, Webcam, Other Device’s - AS Per motherboard Standard , Quote with Normal\Deluxe Laptop Bag with Company logo, Company Logo on LCD back panel, Modem, Card Reader, USB Controller , Power –AC adapter of same company , Wi-Fi and Bluetooth connectivity <b>Make - Dell/Acer/Lenovo/HP</b>	Each	01	

## Printers

Sr. No.	ITEMS	Unit	QTY.	RATE
1	HP Laser Jet 1020 Plus Printer	Each	1	
2	HP Laser Jet 1020 Plus Printer Cartridge	Each	1	
3	HP Laser Jet 1020 Plus Printer Cartridge Refilling Cost	Each	1	
4	HP Printer All-in-One (M1005)	Each	1	
5	HP Printer All-in-One (M1005) Cartridge	Each	1	
6	HP Printer All-in-One (M1005) Cartridge Refilling Cost	Each	1	
7	Canon printer 2900 B	Each	1	
8	Canon printer 2900 B Cartridges	Each	1	
9	Canon printer 2900 B Cartridges Refilling Cost	Each	1	
10	HP Laser m 154 A Printer	Each	1	
11	HP Laser m 154 A Printer Cartridges	Each	1	
12	HP Laser m 154 A Printer Cartridges Refilling Cost	Each	1	
13	HP Laser Jet Pro m 203 Printer	Each	1	
14	HP Laser Jet Pro m 203 Printer Cartridges	Each	1	
15	HP Laser Jet Pro m 203 Printer Cartridges Refilling Cost	Each	1	
16	Samsung ML 3310 ND Printer	Each	1	
16	Samsung ML 3310 ND Printer Cartridges	Each	1	
17	Samsung ML 3310 ND Printer Cartridges Refilling Cost	Each	1	
18	Antivirus quick heal total security	Each	1	
19	Xerox photo copy Toner c7025 Cartridge	Each	1	
20	Xerox photo copy toner sc2020 Cartridge	Each	1	
21	Xerox photo copy toner sc2020 Cartridge Refilling Cost	Each	1	
21	Xerox work center 3335 Printer	Each	1	

22	Xerox work center 3335 Printer Cartridge	Each	1	
23	Xerox work center 3335 Printer Cartridge Refilling Cost	Each	1	
24	HP Leser Jet Pro MFP M128FN printer	Each	1	
25	HP Leser Jet Pro MFP M128FN Cartridge	Each	1	
26	HP Leser Jet Pro MFP M128FN Cartridge Refilling Cost	Each	1	

**Others**

Sr. No.	ITEMS	Unit	QTY.	RATE
1	Mouse -Logitech / Del I / HP.	Each	1	
2	Keboard Logitech / Del I / HP.	Each	1	
3	Pen Drive - Capacity: 16 GB ,Interface: USB v3.0	Each	1	
4	Pen Drive - Capacity: 32 GB ,Interface: USB v3.0	Each	1	
5	Pen Drive - Capacity: 64 GB ,Interface: USB v3.0	Each	1	
6	Hard Disk - That Supports Windows XP SP3 (32-bit and 64-bit) / 7/ Vista and Above, 1 TB expansion external hard disk, with its whopping capacity. Black, sleek HDD with USB v2.0 and USB v3.0 connectivity for seamless and easy data transfer.	Each	1	
7	Providing & Laying of HDMI Cable of			
a)	25 Mtrs.	Each	1	
b)	20 Mtrs.	Each	1	
c)	10 Mtrs.	Each	1	
d)	4.5 Mtrs.	Each	1	
e)	2 Mtrs.	Each	1	
8	MS Office 2016	Each	1	
9	VGA cable 2 Mtrs.	Each	1	
10	HDMI to VGA converter	Each	1	
11	VGA to HDMI converter	Each	1	
12	Mouse pad	Each	1	
13	UPS 600 VA	Each	1	
14	Wireless Presenter	Each	1	
15	Printer Cable	Each	1	
16	Power Cable for Computer	Each	1	
17	Windows 10 licenced	Each	1	

18	All in one convertor ()	Each	1	
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### Network

S. No.	Item Description	Unit	Qty	Rate
<b>LAN NETWORKING</b>				
1 (SOR No. 8.13)	Providing & Fixing of 19" Modular Patch - 1U Patch Panel 24, RJ 45 Cat-6 Connector.	Each	1	
2	Providing & Fixing of Providing & Fixing of 24-Port Data Switch of [Managed Layer-2 with 2-Giga Ports (10/100/1000)]	Each	1	
	Make : D-Link / Netgear / Airpro			
3 (SOR No. 38.15.2)	Providing & Fixing of 9U cabinet 504.65X600X500, wall mounting with power power supply and fan etc.	Each	1	
4 (SOR No. 38.9)	Providing & Fixing of RJ-45 Computer Jack Cat 6 with shutter module (1 Module)	Each	1	
5	Providing & Fixing of Wire Manager.	Each	1	
	Make : D-Link / Netgear / Techroutes			
6	Providing & Fixing of Hardware.	Each	1	
	Make : D-Link / Netgear / Techroutes			
7	Providing & Fixing of Patch Cord			
a) (SOR No. 38.12.1)	CAT 6 RJ45 Patch Cord F/UTP 1 Mtr.	Each	1	
b) (SOR No. 38.12.3)	CAT 6 RJ45 Patch Cord F/UTP 3 Mtr.	Each	1	
8 (SOR No. : 38.6)	Providing & Fixing of RJ-11 Telephone Jack Modular (1 Module)	Each	1	
9	Providing & Fixing of special Boss Secretary (1+1) Sysem. Make : Beetel, Panasonic,BPL	Each	1	
10	Supply, Installation testing and commissioning of telephone Tag block Krone connector with enclosure and lock complete			
	100 Pair	Each	1	

11 (SOR No. : 38.11)	Providing & Laying 4 pair shielded 0.5mm PVC insulated copper conductor un-armoured Cat-6 computer cable FR in existing surface / concealed steel / PVC conduit / Casing-N-Capping as required.	Per Mtr.	1	
12	Providing & laying following pair of 0.5 mm size solid annealed Copper conductor PVC insulated telephone cable as per DOT Specifications in existing surface / concealed steel / PVC Conduit / Casing-N-Capping as required.			
(SOR No. : 38.2.2)	2 Pair	Per Mtr.	1	
13	Providing & laying of .5 mm Copper conductor PVC telephone cable of 5 Pair	Per Mtr.	1	
14 (S.O.R. No. : 16)	Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required			
(S.O.R. No. : 16.2)	PVC . Conduit 25 mm (HMS)	Per Mtr.	1	
15	Providing & Laying of fire proof DLP Trucking with cover of size 80mm X50mm	Per Mtr.	1	
16	Providing & Laying of MS Cable Tray of Size 300mm X 80mm with Hardware for Hanging arrangement	Per Mtr.	1	



## PA System

S. No.	Item Description	Unit	Qty	Rate
1	Providing & Fixing of 120 Watts Booster Amplifier with Voltage : 230 VAC $\pm$ 10%, 50/60 Hz, Inrush current : 8 , Max power consumption : 400 VA, Output power (rms/maximum) : 120 / 180 W, Frequency response 50 Hz to 20 kHz (+1 / -3 dB at -10 dB ref. rated output), Distortion <1% at rated output power, 1 kHz S/N (flat at max volume) >90 dB.	Each	1	
	<b>Make : Bosch / Martin Audio / Crown</b>			
2	Providing & Fixing of 240 Watts Booster Amplifier with Voltage : 230 VAC $\pm$ 10%, 50/60 Hz, Inrush current : 9A , Max power consumption : 760 VA, Output power (rms/maximum) : 240 / 360 W, Frequency response 50 Hz to 20 kHz (+1 / -3 dB at -10 dB ref. rated output), Distortion <1% at rated output power, 1 kHz, S/N (flat at max volume) >90 dB.	Each	1	
	<b>Make : Bosch / Martin Audio / Crown</b>			
3	Providing & Fixing of Plena Booster Amplifier of 480 Watts with Frequency Response : 60Hz to 15kHz (+1/-3dB), Impedance : 20 Kohm, Sensitivity : 1.0V balanced, S/N Ratio : > 80 dB.	Each	1	
	<b>Make : Bosch / Martin Audio / Crown</b>			
4	Providing & Fixing of Special Music Speakers with 6 Watts RMS output with Line Matching Transformer with max. Power : 9 Watts, Rated Power : 6 Watts (6-3-1.5), Effective frequency range (-10dB) : 200 Hz - 15000Hz, Rated Voltage : 100 V, Rated impedance : 1667 ohm			
A)	Ceiling Speaker	Each	1	
B)	Wall Mount Speaker	Each	1	
	<b>Make : Bosch / Martin Audio / JBL</b>			
3	Providing & Fixing of Volume Control knob	Each	1	
4	Providing & Fixing of Six-zone Plena System pre-amplifier, with single or dual channel operation, Two input channels for call stations, Frequency Response : 50 Hz to 20 kHz (+1 / -3dB), Distortion : <(><<>)>0.5% "	Each	1	
	<b>Make : Bosch (LBB1925/10) / Brahler / Beyer Dynamic</b>			
5	Providing & Fixing of Stylish Plena six-zone call station, intended for LBB 1925/10 system pre-amplifier having voltage range : 18 to 24V (24V supplied by LBB 1925/10), current consumption : <(><<>)> 30mA, nominal sensitivity : 85 dB SPL, Frequency Response : 100Hz to 16 KHz.	Each	1	

	<b>Make : Bosch (LBB1946/00) / Brahler / Beyer Dynamic</b>			
6	Providing & Fixing of Paging Microphone (Table Top Microphone), high-quality tabletop unidirectional condenser microphone for making calls and announcements in a public address system. Phantom power supply - Voltage range: 12 to 48 V, Current consumption : <8 mA, Frequency response : 100 Hz to 16 kHz, Output impedance : 200 ohm.	Each	1	
	<b>Make : Bosch / AKG / Sennheiser</b>			
7 (SOR No. 38.15.1)	Providing & Fixing of 6U cabinet 371.30X600X500, wall mounting with power supply and fan etc.	Each	1	
8	Providing & Laying of 48/0.2 mm 2-core sheathed copper special Speaker Cable <b>Make: Krystal / RR/ Finolex</b>	Per Mtr.	1	
9 (S.O.R. No. : 16)	Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required			
(S.O.R. No. : 16.2)	PVC . Conduit 25 mm (HMS)	Per Mtr.	1	

## Conference Room

S. No	Item Description	Unit	Qty	Rate
1	Providing & Fixing of following units for Conference System			
(a)	Delegate Unit Long Microphone with Microphone stem length - 488mm (19.2 inch), DC Supply 24V $\pm$ 1V typical, frequency response : 125 Hz to 12.5 KHz	Each	1	
	Make : NX Audio / Bosch (CCS700-CCSE-DL) / AKG (Harman Pro) / Philips			
(b)	Chairman Unit Microphone with Microphone stem length - 488mm (19.2 inch) has a priority switch facility with DC Supply 24V $\pm$ 1V typical, frequency response : 125 Hz to 12.5 KHz.	Each	1	
	Make : NX Audio / Bosch (CCS700-CCSE-CML) / AKG (Harman Pro) / Philips			
(c)	Power Supply Unit (Conference Controller) with Mains Voltage : 100 to 240VAC $\pm$ 10%.	Each	1	
	Make : NX Audio / Bosch (CCS700-CCSE-CU) / AKG (Harman Pro) / Philips			
2	Providing & Fixing of 12 Watt Cabinet Loudspeaker with Rated power(PHC) : 12 W (12-6-3), Effective frequency range (-10 dB) : 200-1500 Hz, Rated voltage : 100 V, Rated impedance : 1667 ohm.	Each	1	
	Make : Bosch / Martin Audio / JBL			
3-A)	Providing & Fixing of 120 Watt Mixing Amplifier with Frequency response (Line) : 60 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output), Power consumption : 400VA, Bass / Treble Control : Max. $\pm$ 8 dB, Impedance : >1 kohm (mic.); A3 >5 kohm (line)	Each	1	
	Make : Bosch / Martin Audio / Crown			

3-B)	Providing & Fixing of Amplifier 240 / 250 Watts RMS Amplifier with 6 Mic. / 1 Aux. Input .	Each	1	
	Make : Bosch / Martin Audio / Crown			
4	Providing & Fixing of CD / Cassette Deck Player / Blue Ray Player	Each	1	
5	Providing & Fixing of 4000 Ansi – Lumen Projector with	Each	1	
	Technology : Digital Light Processing			
	Min Brightness : 4000 Ansi Lumens			
	Min Contrast Ratio : 3000:1			
	Image Size : 0.78 - 9.38m (30.79"-369.43" ) Diagonal 4:3			
	Native Resolution : XGA (1024 x 768)			
	Video Compatibility : PAL, SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p			
	Aspect Ratio : Native 4:3, Compatible 16:9			
	Power Supply : 100 - 240V, 50 - 60Hz			
	Make : Optoma / Infocus / L.G.			

6	Providing & Fixing of 8'X6' Matt finish Motorized Screen.	Each	1	
	Make : Star Screen / Liberty / Suvira			
7	Providing & Fixing of Ceiling Mount Kit	Each	1	
8	Providing & Fixing of Cable Cubby for access to A/V, Power Data & video Connections including architectural adapter plates. Designed to mount discretely into a table, cable slide in out for easy access, one AC power outlet, Lid slides down in to enclosure, LAN connectivity, Audio Connectivity.	Each	1	
9	Providing & Laying of HDMI Cable of 20 Mtrs.	Each	1	
10	Electronic Podium with all accessories	Each	1	
11	Providing & Laying of 48/0.2 mm 2-core sheathed copper special Speaker Cable	Per Mtr.	1	
12	PWD SOR No. 16 Supplying and fixing PVC conduit ISI marked along with the accessories in concealed system etc. as required			
	PWD SOR No. 16.2 PVC . Conduit 25 mm (HMS)	Per Mtr.	1	

**EPABX SYSTEM**

<b>S. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>
1 (S.O.R. 43.A.1	Supply, installation, testing and commissioning of EPABX System consist, No. of extension, No. of Junction, No. of Expandable ports, Operator Console. Current on max. load with ISDN compatible of approved make and labor as required as per Specifications.			
(S.O.R. 43.A.1.2	EPABX consists of 48 nos. extensions, 8 nos. junctions, & up to 96 nos. expandable ports with one Operator Console. 2 amp. Max. Current	Each	1	
2 (S.O.R. 43.A.2	Supplying & Fixing of Float cum Boost charger for EPABX system of approved make with all necessary material as required as per specifications.			
43A.2.1	10 Amp., 48 V float cum boost charger	Each	1	
3 (S.O.R. 43.A.3)	Supplying & Fixing of Essential additional Accessories to EPABX System of approved make with all necessary material as required as per specifications.			
a)S.O.R. No. 43.A.3.4	EPABX - Operator Console	Each	1	
b) S.O.R. No. 43.A.3.9	EPABX System Digital Line Card 8 line	Each	1	
c) S.O.R. No. 43.A.3.10	4 Push Button CLI Phone	Each	35	

**LED**

<b>S. No.</b>	<b>Item Description</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate</b>
1-a)	Providing & Fixing of 55" LED T.V. <b>(Make : Sony / Equivalent)</b>	Each	1	
2-b)	Providing & Laying of HDMI Cable of 10 Mtr. <b>(Make : Chetan)</b>	Each	1	
2-a)	Providing & Fixing of 55" LED Display (Panel) with Screen size : 55", Aspect ratio - 16:9, Resolution : 1920 x 1080 (FHD), Brightness (cd/m2) : 400, Contrast Ratio -1,300:1, 500,000:1 (DCR), Viewing Angle : 178 X 178 deg. <b>Make : LG / Sony / NEC</b>	Each	1	

## ACCESS CONTROL SYSTEM

S. No	Item Description	Unit	Qty	Rate
1	Providing & Fixing of Fingerprint / Time Access Machine 2,000 (Finger / Card / Password) Transaction Log capacity : 120000, Sensor type : Optical Sensor, Card Reader : 125kHz EM / 13.56 MHz, Mifare LCD display : 2.4" TFT color screen 320x240 pixel, Interface : TCP/IP, USB (host n slave), Wiegand 26-bit 1x In, 1x Out Voice instruction 16-bit Hi-Fi voice & sound indication Language English Verification time Professional Access Control Make : Time Watch / Viridi / Spectra	Each	1	
2	Providing & Fixing of Software for Time Access Machine	Each	1	
3	Providing & Fixing of 12V 4 amp. Power Supply for the System. Make: Proton / Time watch / Viridi	Each	1	
4	Providing & laying of 8X.75 Sq mm Cable for Communication .	Per Mtr.	1	
5	Providing & Fixing of 600 LBS Lock. Make : EL	Each	1	
6	Providing & Fixing of Press to Open Switch. Make : Proton / Time watch / Viridi	Each	1	
7	Face and Finger Biometric Attendance machine with installation, required software and accessories. 2 hr Battery backup,	Each	1	
8	Logitech BCC950 HD small video Conference setup with Webcam, mic and other <b>accessories</b>	Each	1	

**Note:**

- Rate will be excluding of all applicable taxes.
- The rates are to be quoted item wise and shall be valid for 12 months. if any item will be require than the work will be given to that vendor whose rates are minimum.
- If there is any query then send it to [ceojsc1@mpurban.gov.in](mailto:ceojsc1@mpurban.gov.in) before 20-09-2019



