

**MP State Electronics Development Corporation Ltd.**  
**(A Govt. of M.P. Undertaking)**

Tender Document  
For  
Supply, Installation and Commissioning of DB's and Electrical Item for POP's  
(SWAN)

**Tender No. - MPSEDC/SWAN/2016/310 Dt. 08.02.2016**

(Scanned copy of all pages of this document is to be submitted duly signed on each page.)

**M.P. State Electronics Development Corporation Ltd.**  
47-A, Arera Hills, Bhopal-462011 (M.P.) Ph.0755-2518603-614  
Fax: 0755-2579824

## INVITATION FOR BIDS

Dy. General Manager, MPSEDC Ltd., Bhopal invites bids from bidders for Supply, Installation and Commissioning of DB's and Electrical Item for POP's (SWAN)

Interested bidders may obtain further information from the office of MPSEDC Ltd.; Bhopal. Bids are invited for the work mentioned hereunder:

### BID DATA SHEET

Particular	Details
Name of the Client	Madhya Pradesh State Electronics Development Corporation Ltd. (MPSEDC)
Address and Concerned person for Correspondence	Dy. General Manager, MPSEDC, State IT Centre, 47-A, Arera Hills, Bhopal, Madhya Pradesh
Purchase of Tender start date	08.02.2016
Purchase of tender end date and time	23.02.2016 up to 2.00 PM
Venue of Pre-Bid Meeting Date and time	State IT Centre, 47-A, Arera Hills, Bhopal - 462011 . date 10.02.2015 at 11:00 AM
Bid Submission date	23.02.2016 up to 3.00 PM
Cost of bid document	Rs.1, 000.00 + Processing Fees (non-refundable) to be paid online through the e-procurement portal.
EMD / Bid Security Amount	Rs. 50,000/- (Rs Fifty thousand only) to be paid online through e-procurement portal. (Please note that NO Exemption for EMD will be granted)
Date and time for opening of Technical Proposal	23.02.2016 at 4:30 PM
Date and time for opening of Financial Proposal of technical qualified bidder	The date and time would be communicated to the technically qualified bidders
Performance Bank Guarantee	The successful bidder shall be required submit a Performance Bank Guarantee equivalent to 10% of the total work order value, valid for a period of 15 Months extendable up to the validity of the contract period for the satisfactory performance /completion of the complete project (including project period plus three months) in the form of Bank Guarantee with MPSEDC within 15 days of signing of Agreement.
Method of submission of Proposal	Only through e-Procurement portal of MPSEDC (website <a href="http://www.mpeproc.gov.in">www.mpeproc.gov.in</a> )
Validity of Bids	Minimum 180 days from the due date of submission of proposal as mentioned in this TENDER or the subsequent corrigendum (if any)

**Note:**

- Tender document can be viewed/ downloaded from the website [www.mpeproc.gov.in](http://www.mpeproc.gov.in). Tenderer has to submit the document fee, processing fee Online and EMD amount Online.
- Any further corrigendum/ addendum shall be uploaded on the e-procurement portal [www.mpeproc.gov.in](http://www.mpeproc.gov.in) only

## 1. INTRODUCTION OF MPSEDC

M.P. State Electronics Development Corporation Ltd. is the agency of the state working towards promotion & implementation of IT and e-Governance. It is the single-point of access to any IT business opportunity in Madhya Pradesh and encourages various players in the field of IT to come forward and invest in the state of Madhya Pradesh.

MPSEDC is committed to generate IT business for the public/private sector with a mandate from the Government to develop IT in the state. This includes opportunities for software development, supply of hardware & peripherals, networking and connectivity, web applications, e-commerce, IT training and an entire gamut of direct and indirect IT businesses.

## 2. ELIGIBILITY CRITERIA

1. The Bidder should be an OEM or authorized Dealer/authorized Distributor of the OEM whose product is being quoted. In case of the authorized Dealer/authorized Distributors separate authorization letter from the OEM is mandatory to quote in the tender.
2. In case of OEM the average annual turnover for the last three years should be Rs. 1 Crores of which at least Rs. 50 Lakh should be from DB's and Electrical Item business. The bidder should submit audited balance sheet for last 03 years and a Certificate from a Chartered Accountant evidencing turnover of revenue from DB,s & Electrical Item business as required above.
3. In case of the authorized Dealer/Distributor of an OEM (meeting the requirement as per clause 4.2), he should have a minimum average annual turnover of Rs 50 Lakh from Sales & Maintenance of DB's and Electrical Item services during the last 03 financial years.

### a. SERVICE CENTRE

Authorised Service Centres are locations where repair and maintenance work of the DB's and Electrical Item takes place and are authorised.

- It should display the certificate of Authorisation issued by the OEM within its premises. The bidder shall also submit a copy of list of authorised service centres in M P along with the certificate of authorisation issued by the OEM for these service centres to MPSEDC.

## 3. SCOPE OF WORK

Following is the scope of work to be performed by the selected vendor:

S. no	Scope of Work	Description of Scope of Work/Deliverables for the Activity
1	General	The selected vendor is required to Supply, Installation and Commissioning of DB's and Electrical Item for POP's (SWAN) <ul style="list-style-type: none"><li>• Provide warranty support for 1 Year for the DB's and Electrical Item supplied from the date of distribution.</li></ul>

#### **4. INSTRUCTIONS TO THE BIDDERS**

This section specifies the procedures to be followed by bidders in the preparation and submission of their bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract. It is important that the bidder carefully reads and examines the Tender document.

##### **a. AVAILABILITY OF TENDER DOCUMENT**

The Tender document is available and downloadable on following website:

- a) <http://www.mpeproc.gov.in>

Tender Fees (non-transferable & non-refundable) must be paid online at e- procurement portal (<http://www.mpeproc.gov.in>).

##### **b. PREPARATION AND SUBMISSION OF PROPOSAL**

###### **i. Completeness of Bids**

Bidders are advised to study all instructions, forms, terms, requirements and other information in the TENDER document carefully. Submission of bid shall be deemed to have been done after careful study and examination of the TENDER document with full understanding of its implications. The response to this TENDER should be full and complete in all respects. Failure to furnish the information required by the TENDER documents or submission of a proposal not substantially responsive to the TENDER documents in every respect will be at the bidder's risk and may result in rejection of its proposal. The TENDER Document is not transferable to any other bidder.

###### **ii. Language**

The bid as well as all correspondence and documents relating to the bid exchanged by the bidder and the purchaser, shall be in English language only.

###### **iii. Preparation and Submission of Bid**

The bidder is responsible for registration on the e-procurement portal ([www.mpeproc.gov.in](http://www.mpeproc.gov.in)) at their own cost. The bidders are advised to go through the e-procurement guidelines and instructions, as provided on the e-procurement website, and in case of any difficulty related to e-procurement process, may contact the helpline number 18002588684. The Bidder shall submit the proposals online as described below-

- a) Proposal that are incomplete or not in prescribed format may be rejected.
- b) The Technical and Financial proposal should be submitted only through the e- procurement Portal.
- c) Technical Proposal - Scanned copy in PDF file format, signed on each page. The proposal should be as per the Technical Proposal format provided in Annexure I: Technical Proposal Formats
- d) Financial Proposal – should be filled online only.
- e) Conditional proposals shall not be accepted. If any clarification is required, the same should be obtained before submission of the bids.
- f) Any alteration, erasures or overwriting should be valid only if the person or persons signing the bid initial them.
- g) Bidders are advised to upload the proposals well before time to avoid last minute issues.

- h) The bid has to be submitted only through online through [www.mpeproc.gov.in](http://www.mpeproc.gov.in) website. No physical submission of bids would be acceptable.

#### **iv. Tender Validity**

The TENDER offer must be valid for 180 days from the due date of submission of proposal as mentioned in this TENDER or the subsequent corrigendum (if any). However, MPSEDC in consultation with Concerned user may extend this period, if the bidder accepts the same in writing.

#### **v. Cost and Currency**

The offer must be given in Indian Rupees only. The price will remain fixed for the period of the contract and no changes for any reason what so ever will be allowed. The bidder shall bear all the costs associated with the preparation and submission of its bid, and the purchaser will in no case be responsible or liable for these costs, regardless of conduct or outcome of bidding process.

#### **vi. Interpretation of the clauses in the Tender Document**

In case of any ambiguity in the interpretation of any of the clauses in Tender Document, the MPSEDC interpretation of the clauses shall be final and binding on the bidder.

The decision taken by the MPSEDC in the process of Tender evaluation will be full and final.

#### **vii. Amendment of Tender Document**

At any time prior to the deadline for submission of bids, MPSEDC for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bid documents by amendment. Any such communication shall be posted on website and bidders are requested to visit the e-procurement website for updates, modification and withdrawal of Offers.

#### **viii. Deviations**

The bidder shall not be allowed to make any deviation whatsoever from the terms and condition and technical specifications specified in the TENDER.

#### **ix. Earnest Money Deposit (EMD) / Bid Security**

- a) The Bidder shall furnish a bid security of Rs 50,000/- (Rs Fifty thousand only) online through e-procurement portal. No exemption whatsoever will be granted for EMD. Proposal without EMD shall be rejected and shall not be considered for further evaluation.
- b) No interest shall be payable on EMD under any circumstances.
- c) Unsuccessful Bidder's Bid security shall be discharged or returned within 60 (sixty) days of expiration of the period of proposal validity or after awarding Tender to successful Bidder.
- d) In case of the successful bidder, the EMD shall be discharged upon signing of agreement and submission of **performance bank guarantee of 10%** of the total work order for a period of 15 Months extendable up to the entire duration of the contract period for the satisfactory performance /completion of the complete project (including project period plus three months) in the form of Bank Guarantee with MPSEDC within 15 days of issue of LOI

- e) The EMD shall be forfeited by MPSEDC, on account of one or more the following reasons-
- If a bidder withdraws his bid during the period of bid validity
  - If the bidder fails to sign the agreement in accordance with terms and conditions (Only in case of a successful bidder)
  - Fails to furnish performance bank guarantee.
  - Information given in the proposal is found inaccurate/incomplete

### **c. BID EVALUATION**

#### **i. Evaluation Methodology**

##### **a. Tender Opening**

- a) Bid Opening shall take place through the e-Procurement Portal. Online Proposals submitted along with the EMD/ Bid Security and Tender Fee (Payable Online through the portal) shall be considered for Bid opening as per the timelines mentioned in the Bid Data Sheet.
- b) In case of EMD/ Bid Security is not received as per the timeline mentioned in Bid Data Sheet, the bid submitted in e-Procurement Portal would be rejected.
- c) The EMD/ bid security will be opened at MPSEDC, in the presence of Bidders' representative who may choose to attend the session on the specified date, time and address.
- d) A maximum of two representatives from each Participating Organization would be allowed to attend the Tender Opening. The Bidder's representatives, who may choose to attend the session, can attend the Tender opening at the Date and time mentioned in the Bid Data Sheet or as per the Date and Time revised in the subsequent communication given by MPSEDC through [www.mpeproc.gov.in](http://www.mpeproc.gov.in)
- e) During bid opening preliminary scrutiny of the bid documents will be made to determine whether they are complete, whether required bid security has been furnished and whether the bids are generally in order. Bids not conforming to such preliminary requirements will be prima facie rejected.
- f) To assist in the scrutiny, evaluation and comparison of offers, the MPSEDC may, at its discretion, ask some or all the Bidders for clarification of their offers on any of the points mentioned therein and the same may be sent through email, facsimile. No change in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by MPSEDC in the evaluation of the bids.

#### **I. Tender Evaluation**

To evaluate the Tender the MPSEDC shall formulate a Tender Evaluation Committee (TEC) (also referred to as "Evaluation Committee"). The Evaluation Committee shall evaluate the Technical and Financial bids as per the following process:

- a) MPSEDC will evaluate and compare the bids that have been determined to be substantially responsive.

- b) Tender Evaluation Committee shall review the Technical Proposal along with Eligibility Criteria. To assist in the examination, evaluation and comparison of the bids, and qualification of the Bidders, Evaluation Committee may, at its discretion, ask any Bidder for a clarification of its bid.
- c) The Financial Proposals of only those Bidders who have been qualified in the Technical Proposal along with Eligibility Criteria will be opened in the presence of their representatives, who may choose to attend the session on the specified date, time and address mentioned in the Bid Data Sheet.

## **II. Failure to Agree with the Terms and Conditions of the TENDER**

Failure of the successful bidder to agree with the Terms & Conditions of the TENDER / Contract shall constitute sufficient grounds for the annulment of the proposal or the award, in such event MPSEDC would reject the proposal and forfeit the EMD as specified in the document.

### **ii. Technical requirements**

The technical specifications as per Tender are the minimum configuration required. Higher specifications may be considered but no price weightage for higher specifications shall be considered.

#### **Please Note:**

MPSEDC reserves right to visit (or conduct telephonic verification) bidder's customers where such a similar project execution has taken place.

Bidders who qualify in the technical evaluation i.e. Eligibility criteria & Technical Compliance of products quoted as per required specification shall only be considered for financial evaluation.

### **iii. Inspection**

Purchaser reserves the right to inspect the manufacturer/supplier works prior to supply. The systems supplied shall be inspected by the purchaser.

### **iv. Financial Bid Evaluation**

The financial bids for technically qualified bidders will be opened. Financial bids, not substantially responsive or incomplete in any manner, are liable to be disqualified.

### **v. Selection of the Bidder**

- a) In the event that any successful bidder (L1) withdraws or is not ready for engagement for any reason, MPSEDC may invite the vendor with next lowest rate (L2) for engagement provided L2 bidder is ready to accept the rate quoted by L1 bidder.
- b) L1 bidder will be required to submit Performance Bank Guarantee and sign an agreement within 15 days of the issue of Letter of Intent (LOI).

### **vi. Confidentiality**

- a) Any attempt by a Bidder to influence MPSEDC in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.
- b) If any Bidder wishes to contact MPSEDC during/after opening of the Bid to award of contract. He may do so in writing.

#### **d. TERMS AND CONDITIONS GOVERNING THE CONTRACT**

##### **i. Performance Bank Guarantee (PBG)**

- a) The successful bidder shall furnish a Performance Bank Guarantee of 10% of the total work order value ,valid for a period of 15 Months extendable up to the validity of the contract period within 15 days of the issue of Letter of Intent (LOI).

##### **ii. Taxes and Duties**

Please submit your financial bid in the prescribed format only.

##### **iii. Warranty**

Items should invariably have a **warranty for a period of one year** from the date of successful installation & commissioning including accessories.

##### **iv. Work Order and Distribution Schedule**

The quantity of Items to be supplied will be mentioned in the work order that will be issued by MPSEDC. The successful bidder shall adhere to the follow distribution schedule for every work order issued. MPSEDC reserves the right to issue one or more work orders. The first work order shall be issued within one week of the signing of the contract.

MPSEDC LTD. reserves the right to extend the supply, Installation and Commissioning period, in the interest of the project if required.

##### **v. Transfer / Sub-Contracting**

The bidder has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof. However, in case of circumstances beyond the control of bidder, transfer/ sub-contracting may be permissible with the written concurrence of MPSEDC.

##### **vi. Penalty**

In case of delay in execution of the order, penalty will be imposed @ 1% (one percent) of the price of the item not installed/commissioned for every week delay or Part thereof subject to a maximum of 5% (five percent) of order value. In case of continued failure to Supply, Installation and Distribution of item beyond five weeks beyond the time period mentioned for Supply, Installation and commissioning of Item as mentioned in the delivery schedule, MPSEDC may take appropriate action which includes cancellation of work order/agreement and forfeiture of the Performance Guarantee.

##### **vii. Warranty support requirement**



Successful bidder will ensure the Supply, Installation and Distribution of item in time & ensure warranty support for the Items and their accessories for a period of 1 yr from the date of distribution.

**viii. Payment**

Payment of 90% of the value of the Supply, Installation and Distribution of item to the concern location shall be released after successful Supply, Installation and Distribution of item to the Beneficiaries as per the Supply, Installation and Distribution of item schedule.

Balance 10% payment will be released after the one year or submission of Bank Guarantee.

**ix. Corrupt / Fraudulent Practices**

The Purchaser requires that the Bidders under this Tender should observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser defines the terms set forth as follows:

- a) "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the award of the contract, procurement process or in contract execution;
- b) In the event of corrupt practice and fraudulence in addition to penal action as per the terms and conditions of the contract, legal action shall also be initiated against the concerned.
- c) "Fraudulent practice" means a misrepresentation of facts in order to influence award of contract or a procurement process or a execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of the free and open competition;
- d) The Purchaser will suspend the award of contract if prima-facie it is established that the vendor had engaged in corrupt or fraudulent practices in competing for the contract in question.
- e) The Purchaser will declare a Bidder ineligible after giving opportunity of being heard, either indefinitely or for a stated period of time, to be awarded a contract if at any time it is found that the Bidder has engaged in corrupt and fraudulent practices in competing for, or in executing, this contract.

**x. Resolution of Disputes**

MPSEDC and the successful bidders shall make every effort to resolve amicably by direct informal negotiation, any disagreement or dispute, arising between them under or in connection with the contract.

Any dispute or difference whatsoever arising between the parties to this Contract out of or relating to the meaning, scope, operation or effect of this Contract or the validity of the breach thereof, which cannot be resolved, shall be settled through a process of arbitration as defined the provisions of the *Madhya Pradesh Madhyastam Adhikaran Adhiniyam, 1983* and the award made there under shall be final and binding upon the parties hereto, subject to legal remedies available under the law. The Arbitration proceedings will be held at Bhopal, Madhya Pradesh, India.

**xi. Legal Jurisdiction**

All legal disputes are subject to the jurisdiction of Courts at Bhopal only.

**xii. Indemnity**

The successful bidders/Successful Bidder shall indemnify, protect and save MPSEDC against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any patent, trademarks, copyrights etc. or such other statutory infringements in respect of all components (like system software, software tools, hardware etc.) and the services rendered under this Tender.

**xiii. Publicity**

Any publicity by the bidder in which the name of the Indenter/buyer is to be used should be done only with the explicit written permission of the MPSEDC.

**xiv. Force Majeure**

- The successful Bidder shall not be liable for forfeiture of its Performance bank guarantee, Liquidated Damages, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- For purposes of this clause, "Force Majeure" means an event beyond the control of the
- Bidder and not involving the Bidder's fault or negligence, and not foreseeable. Such events may include, but are not restricted to, Act of God, acts of Government in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- If a Force Majeure situation arises, the Bidder shall promptly notify the Managing Director of MPSEDC in writing of such condition and the cause thereof. Unless otherwise directed by the authorized representative of MPSEDC in writing, the Bidder shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

**xv. Right to terminate the process**

MPSEDC, reserves the right to accept or reject any Tender offer, and to annul the Tendering process and reject all Tenders at any time prior to award of contract, without thereby incurring any liability to the affected vendor(s) or any obligation to inform the affected vendor(s) of the grounds for such action.

MPSEDC makes no commitments, explicit or implicit, that this process will result in a business transaction with anyone. Further, this TENDER does not constitute an offer by MPSEDC. The bidder's participation in this process may result in MPSEDC selecting the bidder to engage in further discussions.

**xvi. Limitation of Liability**

The maximum aggregate liability of successful bidder shall not exceed the order value.

## **Technical Specifications**

Note: Bidder has to provide the Item as per the specifications given below:

<b>Sl. No.</b>	<b>Item Description</b>	<b>Qty.</b>
1	Electrical Fixture: Supply, Installation, Testing and commissioning of Mirror optic lighting fixture of approved make suitable for surface/recess mounting complete with anodized high parity aluminium for high optical efficiency reflectors, copper chokes, HPS capacitors, lamp tube holders & fluorescent tubes of 2x36 Watts T/L.	34 Nos.
2	<p>Electrical DBs <u>Main DB</u></p> <p>Design, fabrication, assembling, wiring &amp; supply of panel fabricated out of 14/16 gauge CRCA sheet in cubical compartmentalized wall mounted dust and vermin proof with reinforcement of suitable size angle iron, channel, t section and or flat wherever necessary. Cable gland plates shall be provided at the bottom of the panel. Panel shall be treated with all anticorrosive process before powder coating. Each and outgoing feeder hinged door shall be properly earthed with braided copper conductor wire. All outgoing shall be provided with be properly earthed with braided copper conductor wire. All outgoing shall be provided with connectors, 2 Nos. earthing terminal shall be provided. Panel shall be suitable for 415 volts, 3 phase 4 wire, 50 Hz supply systems. Approval shall be taken for each panel in form of shop drawing before fabrication. Galvanized hardware with zinc passivation shall be used in fabrication of panel with:</p> <p><u>MPEB INCOMMER</u></p> <p>One No KWH meter compartment as per MPEB norms with proper sealing arrangement for MPEB meter, 3 Nos. 125 Amp. HRC fuses with fuse fittings, 1 No 63 Amp. TPN MCB, 3 Nos LED type phase indicators with 2 Amp HRC fuses with fuse fitting and Voltmeter with VSS.</p> <p><u>DG INCOMMER</u></p> <p>One No 63 Amp SPN/TPN MCB, 1 No KWH Meter, 3 Nos. LED type phase indicators with 2 Amp HRC fuses with fuse fitting, Voltmeter with VSS, 1 No 100 Amp 4 pole onload changeover switch, 100 Amp bus Al bus bars. Ammeter with ASS and CT's, outgoing 18 Nos. 6 to 32 Amp SP MCB's as per SLD provided. Circuit diagram of Main DB is enclosed.</p>	34 Nos
3	<p>Electrical DBs (UPS) <u>UPS DB:</u></p> <p>Supply and fixing of MCB distribution boards (grouted in wall) 12 way SPN consumer unit with 32 Amp DP MCB as incomer and 12 Nos. 6/10 Amp SP MCBs as outgoing. Circuit diagram is enclosed.</p>	34 Nos

4	Cabling: Cable end termination of 1.1 KV Cu insulated PVC insulated PVC sheathed armored cable with supply of bimetallic lugs and brass cable glands. 1.1 KV 4.0 core x 10 Sq mm Cu.	34x50= 1700 Rmt
5	Main Circuit Wiring: Supply, Installation, testing and commissioning of wiring with approved make 2x6 sq mm PVC insulated stranded copper conductor in recessed/surface 2 mm thick PVC pipe/16 gauge MS conduit including 4 sq mm stranded PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	34 x100= 3400 Rmt
6	Sub-Mains Circuit Wiring: Supply, installation, testing and commissioning of wiring with approved 2x4 sq mm PVC insulated stranded copper conductor in recessed/surface 2 mm thick PVC pipe/16 gauge MS conduit including 2.5 sq mm standard PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	34 x10= 340 Rmt
7	Point Wiring: Supply, installation, testing and commissioning of wiring with approved make 2x2.5 sqmm PVC insulated stranded copper conductor in recessed/surface 2mm thick PVC pipe/16 gauge MS conduit including 1.5 sq mm stranded PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	34 x100= 3400 Rmt
8	Data Cabling: Supply, Installation, testing and commissioning of CAT 6 data cable of approved make in 2mm thick PVC conduit (duly identified with proper ferrules and tagging with help of PVC transparent tape) including Supply, installation, testing and commissioning of modular information outlet. (RJ 45) approved make.	34 x10= 340 Rmt
9	Switch Board for AC: Switch board for AC supply complete with housing, one MCB 20A and single phase industrial socket. The quality of components to be used shall be approved by MPSEDC before installation.	34 No
10	Switch Boards for Lighting and fans: Modular Switch board for lighting & fans complete with housing, 1 no of 5 pin socket 6A, 3 switches 6A. The quality of components to be used shall be approved by MPSEDC before installation.	34 No
11	Fire extinguisher: Supply and installation of 4.5 Kgs Carbon Dioxide (CO2) type fire extinguishers (Portable) suitable for Data processing enters, Networking Labs, Telecommunication rooms, DG, Electrical Panel etc. Product quoted should be BIS certified.	34 No
12	Chemical earth resistance max 1 $\Omega$	34 No

The quantity above is tentative which may vary accordingly to site condition payment shall be made for the actual Qty only.

[Authorized Signatory]

[Designation]

[Place]

[Date and Time]

[Seal]

[Business Address]

**TECHNICAL PROPOSAL FORMATS**

**Covering letter Technical Proposal (on the letterhead of the company)**

To,

Dated-----

**Dy. Chief General Manager,**  
MPSEDC, State IT Centre,  
47-A, Arera Hills, Bhopal

**Sub:** Submission of Technical Proposal

**Ref:** Tender for Supply, Installation and Commissioning of DB's and Electrical Item for POP's (SWAN) (Tender No: **MPSEDC/SWAN/2016/310** Dated: **08.02.2016**)

Dear Sir,

Having examined the TENDER document, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply, Installation and Commissioning of DB's and Electrical Item for POP's (SWAN) , as required and outlined in the TENDER. We attach hereto our responses to Technical requirements.

We confirm that the information contained in these responses or any part thereof, including the exhibits, and other documents and instruments delivered or to be delivered to MPSEDC is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the department in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the selection process, we are liable to be dismissed from the selection process or termination of the contract during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the TENDER document.

We hereby confirm that:

1. We have deposited Earnest Money of Rs. 50,000/- (Rupees Fifty thousand only) online.
2. We have successfully executed orders of similar nature and we have sufficient experience and financial strength in handling orders of this value.
3. The quoted rates are valid till the completion of the order but not less than 180 days.
4. We further confirm that all chapters of the tender documents have been read, understood and signed and there is no deviation/discrepancy.
5. We agree that you are not bound to accept any Tender response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the Tender response.
6. We hereby declare that our Company / Firm is having unblemished past record and is not declared blacklisted or ineligible to participate for bidding by any State/Central Govt., Semi-government or PSU due to unsatisfactory performance, breach of general or specific instructions, corrupt / fraudulent or any other unethical business practices.

Yours Faithfully

[Authorized Signatory]

[Designation]

[Place]

[Date and Time]

[Seal & Sign]

[Business Address]

**Annexure II:**

Following are the particulars of our organization:

#	Description	Details (To be filled by the bidder)
1.	Name of the company	
2.	Official address	
3.	Phone No. and Fax No.	
4.	Corporate Headquarters Address	
5.	Phone No. and Fax No.	
6.	Web Site Address	
7.	Details of Company's Registration (Please enclose copy of the company registration document)	
8.	Address of office of the company/dealer in Madhya Pradesh	
9.	Name of Registration Authority	
10.	Registration Number and Year of Registration	
11.	Quality Certificates (ISO 9001:2008) and its validity, if any	
12.	CST registration No.	
13.	VAT registration No.	
14.	MP TIN registration No.	
15.	Service Tax Registration No.	
16.	Permanent Account Number (PAN)	
17.	Yearly Turnover of the Last 2 years 2012-2013 2013-2014 2014-2015	
18.	Name & address of the Banker	
19.	List of Major Clients and the size of orders	
20.	List of Service Centres	

Note: Separate sheets may be attached wherever necessary

[Authorized Signatory]

[Designation]

[Place]

[Date and Time]

[Seal & Sign]

[Business Address]

**Contact Details of officials for future correspondence regarding the bid process:**

<b>Details</b>	<b>Authorised Signatory</b>	<b>Secondary Contact</b>
Name		
Title		
Company Address		
Phone		
Mobile		
Fax		
E-mail		

It is hereby confirmed that I/We are entitled to act on behalf of our company and empowered to sign this document as well as such other documents, which may be required in this connection.

Yours Faithfully  
[Authorized Signatory]  
[Designation]  
[Place]  
[Date and Time]  
[Seal & Sign]  
[Business Address]

**MANUFACTURERS AUTHORIZATION FORM**

**Ref No:** .....

**Dated:** .....

To,

Chief General Manager  
M.P. State Electronics Dev. Corp. Ltd.  
State IT Centre, 47-A, Arera hills, Bhopal

Tender No: **MPSEDC/SWAN/2016/310** Due Date: 23.02.2016

Dear Sir,

We \_\_\_\_\_ who are established and reputed  
Manufacturers of \_\_\_\_\_ having factories at

\_\_\_\_ (Address of the factory) do hereby authorize M/s \_\_\_\_\_ (Name &  
Address of agent) to submit a bid, and subsequently negotiate and sign the contract with you  
against the above tender.

We hereby extend our full guarantee, warranty and support and also in meeting warranty  
obligations by providing necessary spares in time for the goods & services offered by the above  
firm against this tender, as per standard as well as MPSEDC warranty terms.

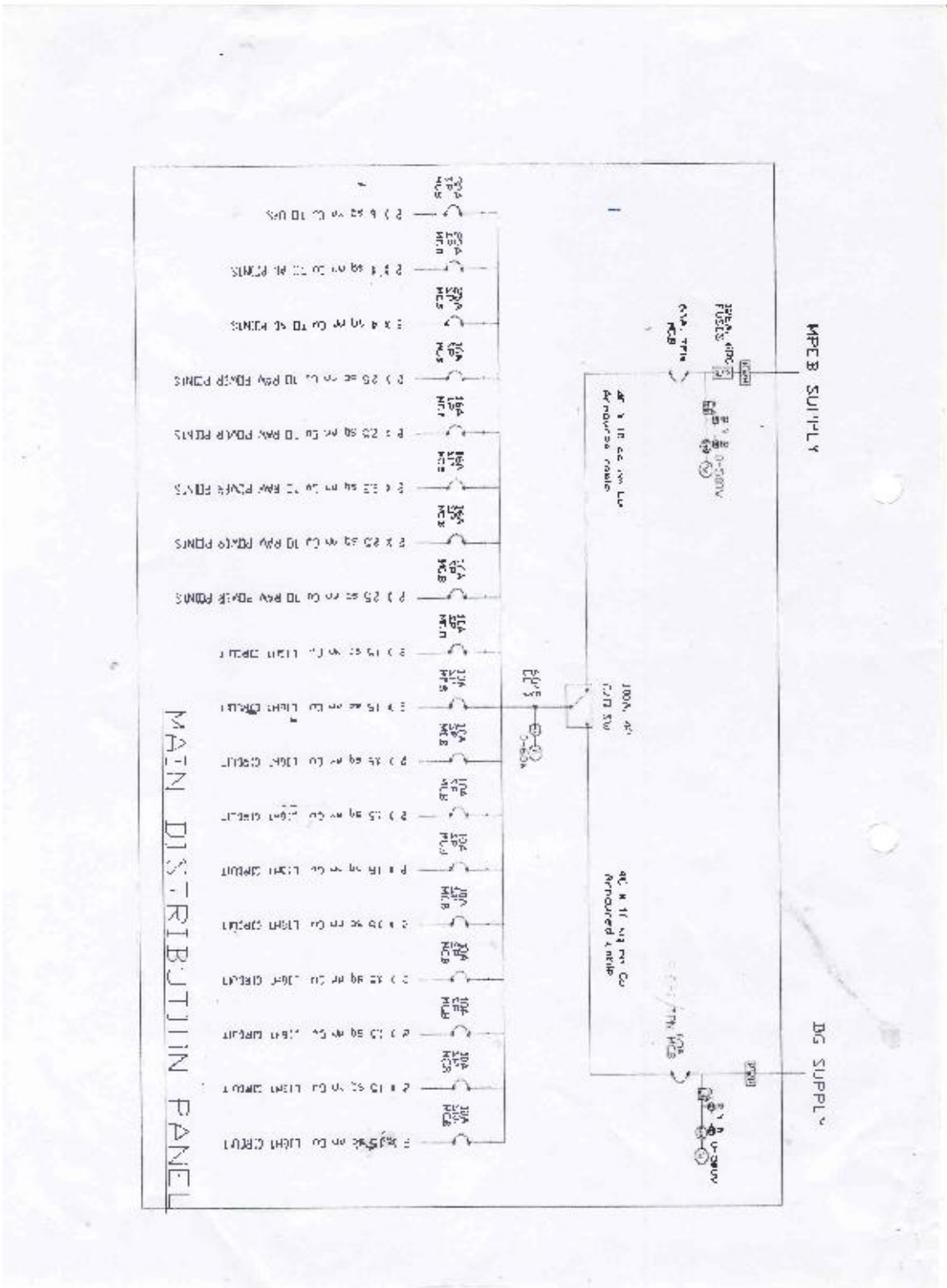
Yours faithfully

(Name)  
(Name of the manufacturer)

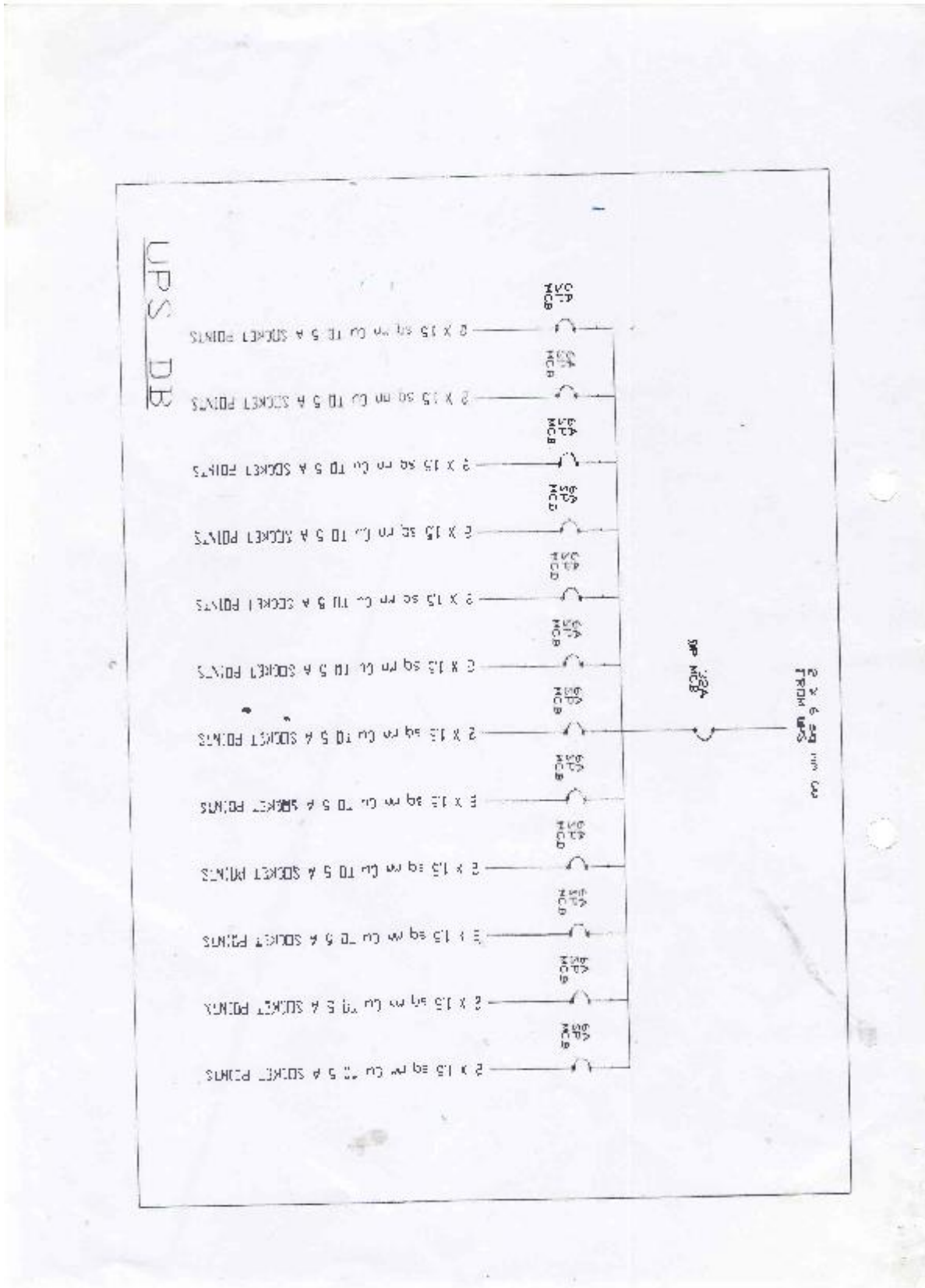
Note: This letter of authority should be on the letter head of the manufacturer and should be  
signed by a person competent and having a power of attorney to bind the manufacturer. The  
bidder in its bid should include it.



### Technical Drawing of Main Distribution Box (DB's)



Technical Drawing of UPS Distribution Box (DB's)



LIST OF APPROVED MAKES

SI No	Item(s)	Approved Make
1	Wires (Frls)/cables	Polycab, Finolex, RR
2	Switch/socket	North West stylus, Anchor, Legrand
3	Light fitting	Wipro, Philips, Bajaj, Havells, Syska
4	Mcb, Mccb, Elcb	Legrand, L & T, Siemens, North West
5	Switchgear equipments	L & T, Siemens, Havells, Legrand
6	Conduit (pvv)	Polycab, Akg, Precision
7	Data Cable, I/O	Molex, Belkin, D-Link, Legrand

Note: All material should be ISI certified.

**LIST OF POP's (SWAN)**

<b>Sl. No.</b>	<b>District</b>	<b>New Tehsil</b>
1	Ashoknagar	Nai Saray
2	Balaghat	Tirodi
3	Barwani	Barla
4	Bhind	Gormi
5	Chhindwara	Umreth
6	Chhindwara	Chand
7	Datia	Indergarh
8	Datia	Badhoni
9	Dewas	Udaynagar
10	Harda	Handiya
11	Hoshangabad	Dolriya
12	Khargone	Sanawad
13	Khargaon	Karahi
14	Neemuch	Singoli
15	Neemuch	Jiran
16	Neemuch	Rampur
17	Panna	Simatiya
18	Raisen	Sultanpur
19	Ratlam	Tal
20	Ratlam	Rawti
21	Rewa	Semariya
22	Sehore	Jawar
23	Sehore	Doraha
24	Sheopur	Baroda
25	Sheopur	Birpur
26	Shivpuri	Bairadh
27	Sidhi	Bahri
28	Singrauli	Sarai
29	Singrauli	Mada
30	Tikamgarh	Mohangarh
31	Tikamgarh	Lidhora
32	Umaria	Naurojabad
33	Vidisha	Gulabganj
34	Vidisha	Pathari

## FINANCIAL BID

### Financial Bid for Supply, Installation and Commissioning of DB's and Electrical Item for POP's (SWAN) Project (Tender No. - MPSEDC/SWAN/2016/310 Dated: 08.02.2016)

Tender No. - MPSEDC/SWAN/2016/310 Dated: 08.02.2016								
Name of Bidder:								
S.No.	Particulars	Unit	Qty.	Basic/ Unit Rate Rs.	Applicable VAT/CST Rs.	Applicable Service Tax (ST) Rs.	Total Rate (Inclusive of all taxes) Rs.	Total Amount Rs.
			(A)	(B)	(C)	(D)	(E) = (B) + (C) + (D)	(F) = (A) * (E)
1	Electrical Fixture: Supply, Installation, Testing and commissioning of Mirror optic lighting fixture of approved make suitable for surface/recess mounting complete with anodized high parity aluminium for high optical efficiency reflectors, copper chokes, HPS capacitors, lamp tube holders & fluorescent tubes of 2x36 Watts T/L.	Nos	34				0	0
2	<p><b>Electrical DBs Main DB</b> Design, fabrication, assembling, wiring &amp; supply of panel fabricated out of 14/16 gauge CRCA sheet in cubical compartmentalized wall mounted dust and vermin proof with reinforcement of suitable size angle iron, channel, t section and or flat wherever necessary. Cable gland plates shall be provided at the bottom of the panel. Panel shall be treated with all anticorrosive process before powder coating. Each and outgoing feeder hinged door shall be properly earthed with braided copper conductor wire. All outgoing shall be provided with be properly earthed with braided copper conductor wire. All outgoing shall be provided with connectors, 2 Nos. earthing terminal shall be provided. Panel shall be suitable for 415 volts, 3 phase 4 wire, 50 Hz supply systems. Approval shall be taken for each panel in form of shop drawing before fabrication. Galvanized hardware with zinc passivation shall be used in fabrication of panel with: <b>MPEB INCOMMER</b> 1 No KWH meter compartment as per MPEB norms with proper sealing arrangement for MPEB meter, 3 Nos. 125 Amp. HRC fuses with fuse fittings, 1 No 63 Amp. TPN MCB, 3 Nos LED type phase indicators with 2 Amp HRC fuses with fuse fitting and Voltmeter with VSS.</p>	Nos	34				0	0

	<u>DG INCOMMER</u> 1 No 63 Amp SPN/TPN MCB, 1 No KWH Meter, 3 Nos. LED type phase indicators with 2 Amp HRC fuses with fuse fitting, Voltmeter with VSS, 1 No 100 Amp 4 pole onload changeover switch, 100 Amp bus AI bus bars. Ammeter with ASS and CT's, outgoing 18 Nos. 6 to 32 Amp SP MCB's as per SLD provided. Circuit diagram of Main DB is enclosed.							
3	Electrical DBs (UPS) UPS DB: Supply and fixing of MCB distribution boards (grouted in wall) 12 way SPN consumer unit with 32 Amp DP MCB as incomer and 12 Nos. 6/10 Amp SP MCBs as outgoing. Circuit diagram is enclosed.		34				0	0
4	Cabling: Cable end termination of 1.1 KV Cu insulated PVC insulated PVC sheathed armored cable with supply of bimetallic lugs and brass cable glands. 1.1 KV 4.0 corex10Sq mm Cu.	Rmt	1700				0	0
5	Main Circuit Wiring:Supply, Installation, testing and commissioning of wiring with approved make 2x6 sq mm PVC insulated stranded copper conductor in recessed/surface 2 mm thick PVC pipe/16 gauge MS conduit including 4 sq mm stranded PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	Rmt	3400				0	0
6	Sub-Mains Circuit Wiring:Supply, installation, testing and commissioning of wiring with approved 2x4 sq mm PVC insulated stranded copper conductor in recessed/surface 2 mm thick PVC pipe/16 gauge MS conduit including 2.5 sq mm standard PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	Rmt	340				0	0
7	Point Wiring:Supply, installation, testing and commissioning of wiring with approved make 2x2.5 sqmm PVC insulated stranded copper conductor in recessed/surface 2mm thick PVC pipe/16 gauge MS conduit including 1.5 sq mm stranded PVC insulated copper conductor for earthing (single phase 3 wire) all complete.	Rmt	3400				0	0
8	Data Cabling: Supply, Installation, testing and commissioning of CAT 6 data cable of approved make in 2mm thick PVC conduit (duly identified with proper ferrules and tagging with help of PVC transparent tape) including Supply, installation, testing and commissioning of modular information outlet. (RJ 45)	Rmt	340				0	0

	approved make.								
9	Switch Board for AC: Switch board for AC supply complete with housing, one MCB 20A and single phase industrial socket. The quality of components to be used shall be approved by MPSEDC before installation.	No	34				0	0	
10	Switch Boards for Lighting and fans: Modular Switch board for lighting & fans complete with housing, 1 no of 5 pin socket 6A, 3 switches 6A. The quality of components to be used shall be approved by MPSEDC before installation.	No	34				0	0	
11	Fire extinguisher: Supply and installation of 4.5 Kgs Carbon Dioxide (CO2) type fire extinguishers (Portable) suitable for Data processing enters, Networking Labs, Telecommunication rooms, DG, Electrical Panel etc. Product quoted should be certified by BIS.	No	34				0	0	
12	Chemical earth resistance max 1 Ω	No	34				0	0	
<b>Total Rs.</b>								<b>0</b>	<b>0</b>
<b>Total Amount in Words:</b>									

**Terms & conditions:**

- 1. The unit Rates are exclusive of Taxes CST/ MP VAT and Service Tax as per applicable is to be quoted separately in column C & D.**
- 2. The technically qualified bidder with Lowest amount quoted for 'F' of the Table above may be considered as be the successful bidder**
- 3. Price shall remain fixed for the entire contact period.**
- 4. The Items quoted are warranted for one year from the date of commissioning.**
- 5. We agree to all other terms and conditions of the tender.**
- 6. The basic price mentioned above at serial number B is exclusive of all taxes. Please note as per the tax rules, CST/VAT and Service tax component are to be charged separately. Accordingly, please quote applicable CST/VAT on the supply part of the basic cost and service tax on the service component of the basic cost quoted.**

Yours Faithfully

DATE  
[Place]

[Seal & Sign]

(Authorized Signatory)  
[Designation]