

## West Bengal Electronics Industry Development Corporation Limited

Registered Office  
Webel Bhavan, Block - EP & GP, Sector - V Bidhannagar, Salt Lake Kolkata 700091  
Phone: 9133-2339-2228/226/327/316 'Fax: 9133-2357-1739/1708 email: contact@webel-india.com

### NOTICE INVITING OPEN TENDER

**Notice Inviting Tender No. EOT/COM/19-20/00058 Dated: 01-10-19**

**For:** PROCUREMENT OF JOB FOR SUPPLY & INSTALLATION OF CCTV SURVEILLANCE SYSTEM FOR DIAMOND HARBOUR WOMEN'S UNIVERSITY.

The G.M.(COMMERCIAL) on behalf of WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT CORPORATION LIMITED invites Tender for the work detailed in table below:-

Brief Description of Work	Tender Document Money (Rs) [Non refundable]	Earnest Money Deposit (EMD) (Rs) [Refundable]	Last Date and Time of Bid Submission	TECHNICAL Bid Opening Date and Time
Procurement of job for Supply & Installation of CCTV Surveillance System for Diamond Harbour Women's University.	Rs.500/-	Rs. 3,000/-	17 October 2019 12:00 PM	17 October 2019 4:00 PM
<b>BID Opening Venue</b>	<b>WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT CORPORATION LIMITED</b> Webel Bhavan, Block - EP & GP, Sector - V Bidhannagar, Salt Lake Kolkata 700091			

For Commercial Queries, Contact: Mr. Pratul Show, G.M.(COMMERCIAL) E-Mail: pratul.show@webel-india.com

For Technical Queries, Contact: Suman Moitra, GM (GOVT. SALES) E-Mail: suman.moitra@webel-india.com

## **DATE & TIME SCHEDULE**

<b>Activity / Event Description</b>	<b>Date</b>	<b>Time</b>
Last Query Submission	10 October 2019	12:00 PM
Last Query Response	10 October 2019	1:00 PM
Publishing Last Corrigenda (if any)	10 October 2019	4:00 PM
Submission of Bid(s)	17 October 2019	12:00 PM
TECHNICAL Opening	17 October 2019	4:00 PM
FINANCIAL Opening	21 October 2019	4:00 PM

# ELIGIBILITY CRITERIA

- 1 . System Integrator**  
The Bidder/ASP/OEM should be a System Integrator.  

**Statutory**
  
- 2 . Experience on the related job area**  
The bidder should have executed 1 single order of similar nature of jobs, particularly in SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV of Rs.300,000.00 each or more at any or The bidder should have executed 2 single order of similar nature of jobs, particularly in SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV of Rs.150,000.00 each or more at any or The bidder should have executed 3 single order of similar nature of jobs, particularly in SUPPLY, INSTALLATION AND COMMISSIONING OF CCTV of Rs.100,000.00 each or more at any Govt. Department / Quasi Govt. Dept / PSU / Board / Council/ Large corporate or similar organization in last 3 financial years. Govt. Department / Quasi Govt. Dept / PSU / Board / Council or similar organization in last 3 financial years. Work Order copies along with job completion certificate from the customer duly self-attested are to be submitted.  

**Statutory**
  
- 3 . Authorisation from OEMs**  
Bidders with tender specific authorization(s) from OEM(s), strictly in our format given in ANNEXURE-MAF in this tender document for all the items (EXCEPT CABLE), are only eligible to quote. Such tender specific authorization(s) must authorize the bidders for supply, installation and comprehensive maintenance during the Warranty period. OEM(s) must accept their responsibility of supply, installation and comprehensive maintenance of services during warranty period as per ANNEXURE MAF.  

**Statutory**
  
- 4 . Warranty of products**  
All products must be quoted with 1 YEARS ON SITE COMPREHENSIVE manufacturer's warranty.  

**Statutory**
  
- 5 . Unpriced Bill of Quantities**  
Un-priced B.O.Q is to be submitted in company letterhead mentioning the name, make and model no. of all the items.  

**Statutory**
  
- 6 . Minimum Annual Turnover for the last financial year**  
Turnover of the last Financial Year (2017 - 2018) should be Rs.1,500,000.00 or above (Copy of audited Balance Sheet & P/L A/c duly certified by CA is required as proof).  

**Non-statutory**
  
- 7 . Aggregate Annual Turnover**  
Aggregate of Turnover of last 3 Financial Years (01-04-15 - 31-03-18) should be Rs.5,000,000.00 or above (Copy of audited Balance Sheet & P/L A/c duly certified by CA is required as proof).  

**Non-statutory**
  
- 8 . Incorporation certificate**  
The bidder should provide the certificate of incorporation under Comapny Act 1956.  

**Non-statutory**
  
- 9 . No Consortium is allowed**  
The Bids shall be submitted by only the Bidder; no consortium is allowed in this Bid. Declaration in this regard needs to be submitted.  

**Non-statutory**
  
- 10 . NO PART BID ALLOWED**  
Bidders have to quote all the items mentioned in tender document.No part bid will be accepted. Otherwise, the bid(s) will be treated as cancelled.



**Non-statutory**

**11 . Statutory Documents-PAN & IT Returns**

Copies of valid PAN along with I-T return documents, for Financial Year 2015 2016, 2016-2017, 2017-2018 are to be enclosed with the bid.

**Non-statutory**

**12 . Trade License**

Copy of valid Trade License is to be enclosed with the bid.

**Non-statutory**

**13 . Locations of Service Centres**

The bidder must have at least 1 registered service center for COMMUNICATION in KOLKATA Supporting documents for existence of Service Centre(s) has to be attached with the tender document.

**Non-statutory**

**14 . Details of Office Locations**

The Bidder must have office(s) in KOLKATA. (Copy of Trade License and contact details of the office(s), at the specified locations to be submitted along with the bid).

**Non-statutory**

**15 . Banned by Govt. or like organizations**

The bidder shall be required to give a declaration in their letter head that they have not been banned by any Government Agencies / Govt. Department / Quasi Govt. Dept / PSU / Board / Council or similar organization. If any Government Agencies / Govt. Department / Quasi Govt. Dept / PSU / Board Council or similar organization has banned the bidder and later on lifted the ban, the fact must be clearly stated.

**Non-statutory**

**16 . Minimum number of years of existence**

The bidding firm must be in existence for 3 years or more. (Documentary evidence has to be provided along with the bid)

**Non-statutory**

**17 . Additional Eligibility Criteria**

COPIES OF REGISTRATION CERTIFICATE FOR GST MUST BE ENCLOSED WITH THE BID. BIDDERS ARE ADVISED TO ENCLOSURE SYSTEM OF NOMENCLATURE (HSN) CODE & SERVICE ACCOUNTING CODES (SAC) FOR ALL THE ITEMS.

**Non-statutory**

# SECTION A

## INSTRUCTIONS TO BIDDERS

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### GENERAL

**1 . Instruction to submit no. of parts in the bid**

Interested Bidders are required to submit their proposals in 1 sealed envelope(s) as per the instructions given below.

**2 . Preperation of Tender**

Tender shall be submitted in accordance with the following instructions:

- i) Tenders shall be submitted in the prescribed forms. All signatures shall be in longhand. Where there is conflict between the words and the figures, the figure shall govern.
- ii) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- iii) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, electronic, telegraphic or telephonic proposals for modifications will be acceptable.
- iv) Tenders shall be delivered to the office as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tender. The packet of documents including the tender shall be enclosed in sealed envelope having the title of the work and the name of the bidder.
- v) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- vi) Each and every page of the tender document must be signed with date and company seal by the bidder. This is required to show that the bidder had accepted all the terms and conditions mentioned in this tender document.

**3 . Instruction to mark the techno-commercial bid envelope**

The firm shall seal and mark the Techno Commercial Bid in one envelope super scribed with words:- "Techno Commercial Bid for "Procurement of job for Supply & Installation of CCTV Surveillance System for Diamond Harbour Women's University.". "Tender no.EOT/COM/19-20/00058, dated 01-10-19 11:30" & "Do Not Open Before 17 10-19 16:00 Hrs". This envelope will also contain the EMD and Tender Document Fees (if the tender document is downloaded from the website) in a separate small envelope inside it.

**4 . Instruction to mark the pricel bid envelope**

The firm shall seal and mark the Price Bid in one envelope super-scribed with words:- "Price Bid for "Procurement of job for Supply & Installation of CCTV Surveillance System for Diamond Harbour Women's University.". "Tender no.EOT/COM/19-20/00058, dated 01-10-19 11:30".

**5 . Instruction to mark the both techno-commercial and price bid envelope**

All the envelopes shall be sealed in a covering envelope super scribed with words Techno Commercial Bid & Price Bid for "Procurement of job for Supply & Installation of CCTV Surveillance System for Diamond Harbour Women's University." "Tender no.EOT/COM/19-20/00058, dated 01-10-19 11:30" & "Do Not Open Before 17 10-19 16:00 Hrs". The sealed envelope containing the sealed Techno Commercial Bid and Price Bid should be addressed to the Mr. Pratul Show, through post / speed post / Courier or dropped personally within the stipulated time in the tender box kept with him. No other mode of delivery shall be accepted. WBEIDC Ltd will not be responsible for any postal delay. Late submission of Bid will not be accepted.

**6 . Exemption under NSIC**

The bidders (small scale units) who are registered with National Small Scale Industries Corporation, i.e, NSIC, UNDER SINGLE POINT REGISTRATION SCHEME for the TENDERED ITEMS are exempted from payment of bid security up to the amount equal to their monetary limit. A proof regarding current registration with NSIC for the TENDERED ITEMS will have to be attached along with the bid. Registration other than NSIC & Under Single Point Registration Scheme) will not be entertained.

**TECHNO-COMMERCIAL BID - The Techno Commercial Bid should contain the following documents:****1. The Techno Commercial Bid documents**

The Techno Commercial Bid should consist of the following documents:

1. Technical proposals submission letter on the letterhead of the firm clearly indexing the enclosures. This proposal submission letter should bear the reference no. and date, without which the bid will be treated as non responsive.
2. Bid Form duly filled and signed as per format on the letterhead of the bidder.
3. Original Tender document duly stamped & signed on each page, as a token of acceptance of all terms and conditions laid down in the tender document.
4. Technical Brochures of items quoted. Printed and published Brochure and / or Web site reference essential (made to order statement on OEM letterhead or likes not acceptable).
5. Details of Service arrangement of bidder/ASP/OEM:
  - a) Mentioning location wise (Dist. Of W.B.) number of service centers,
  - b) Availability of call center details with escalation matrix and
  - c) Number of service engineers with mobile no.
6. The company should operate in the same name and style at least for the last 3 years
7. EMD & Tender Document Fees (if downloaded from the web site) in separate envelope.

**Additional Instructions****1. Additional Instruction**

COPIES OF REGISTRATION CERTIFICATE FOR GST MUST BE ENCLOSED WITH THE BID. BIDDERS ARE ADVISED TO EN SYSTEM OF NOMENCLATURE (HSN) CODE & SERVICE ACCOUNTING CODES (SAC) FOR ALL THE ITEMS.

## SECTION B

# GENERAL TERMS & CONDITIONS

### GENERAL TERMS AND CONDITIONS

#### 1. Earnest Money Deposit (EMD)

The firm shall furnish an EMD of Rs. 3,000 in the form of a DEMAND DRAFT from a Scheduled Bank payable at Kolkata duly pledged in favour of WBEIDC Limited. Any bid not accompanied with the valid EMD shall be summarily rejected. Earnest money will be refunded to the unsuccessful bidders after receiving application from them on completion of tender process. In case of successful bidders earnest money will be retained till security deposit of 5% of the total value of the job is deposited in the form of BANK GUARANTEE of the total value of the job is deposited in the form of 60 days more than the warranty period. Earnest money of the bidder is liable to be forfeited in case of any false submission / statement. In case of any refusal to abide by terms and conditions of our LOI/PO or refusal to enter into a written agreement as per prefixed terms and conditions authority is at liberty to forfeit earnest money and take lawful actions. Note: Empanelled vendors are not required to submit the security deposit money if they are selected as successful bidder.

#### 2. Awarding of Contract

WBEIDC Ltd will award the contract to the successful bidder whose bid has been valued as per Price and Other criteria . WBEIDC reserves the right not to accept the Lowest Price bid with out assigning any reason what so ever and the bidder will not challenge such decision in any forum what so ever WBEIDC also reserves the right to split the order and / or drop any line item as per direction of the end customer. The contract will be awarded to the bidder securing lowest price as per their offer. The successful bidder will have to give security deposit of 5% of total value of the LOI in the form of BANK GUARANTEE for a period of 60 days+ the maximum warranty period among the items quoted. After receiving the PBG, firm P.O will be issued.

#### 3. PBG SUBMISSION AFTER LOI

You are requested to convey your acceptance of this Letter of Intent and to submit the desired information at an early date and submit the required Bank Guarantee in the attached prescribed format within a period of 14 days from the date of placement of this Letter of Intent, failing which this Letter of Intent is likely to be treated as cancelled.

#### 4. Disputes and Arbitrations

In case of any dispute or differences, breach and violation relating to the terms of this agreement, the said dispute or difference shall be referred to the sole arbitration of Managing Director, WBEIDC Ltd. or any other person appointed by him. The award of the arbitrator shall be final and binding on both the parties. In the event of such arbitrator to whom the matter is originally referred to vacates his office on resignation or otherwise or refuses to do works or neglecting his work or being unable to act as arbitrator for any reason whatsoever, the Managing Director shall appoint another person to act as arbitrator in the place of outgoing arbitrator and the person so appointed shall be entitled to proceed further with the reference from the stage at which it was left by the predecessor. The Contractor will have no objection in any such appointment that arbitrator so appointed is employee of WBEIDC Ltd. The adjudication of such arbitrator shall be governed by the provision of the Arbitration and Conciliation Act, 1996, or any statutory modification or re-enactment thereof or any rules made thereof. The arbitration shall be held in Kolkata only.

#### 5. Deadline for Submission of Proposals

Proposals will be received by WBEIDC at the specified address not later than 17-10-19 12:00 Hrs. WBEIDC may, at its discretion, extend this deadline. WBEIDC may also extend this deadline for any other administrative reason.

#### 6. Force Majeure Condition

If the execution of the contract/supply order is delayed beyond the period stipulated in the supply order as result of outbreak of hostilities, declaration of an embargo or blockade of road, fire, flood or any such act of nature, then WBEIDC LTD may allow such additional time by extending the project execution timeframe as considered to be justified by the circumstances of the case and its decision will be final. If additional time is granted by the WBEIDC LTD, the supply order shall be read and understood as if it had contained from its inception the execution date as extended.

#### 7. Inclusion of freight & insurance

Price quoted should be inclusive of freight & insurance upto the delivery locations.

#### 8 . **Formats and Signing of Proposals**

The original proposal shall be neatly typed and shall be signed by an authorized signatory / signatories on behalf of the Bidder. The authorization shall be provided by written Power of Attorney accompanying the proposal. The person or persons signing the proposal shall initial all pages of the proposal, except for un-amended printed literature. The proposal shall contain no interlineations, erase or overwriting. In order to correct errors made by the Bidder, all corrections shall be done & initialed with date by the authorized signatory after striking out the original words / figures completely.

#### 9 . **Governing Laws**

This Tender Document and the contract shall be governed by and interpreted in accordance with Laws in force in India. The courts at Kolkata shall have exclusive jurisdiction in all matters arising under the contract.

#### 10 . **Insertion of Webel's GST in Vendor invoice**

All bills/ invoices must be raised / submitted with proper GSTIN No. of WBEIDC Ltd (GSTIN No.- 19AAACW2411Q1Z1 ) for releasing payment.

#### 11 . **Late Proposals**

Any proposal received by WBEIDC after the deadline for submission of proposals, as referred above shall not be accepted.

#### 12 . **Language of Proposal & Correspondence**

The proposal submitted by the Bidder should be in English language only. All the documents relating to the proposal (including brochures) supplied by the firm should also be in English, and the correspondence between the Bidder & WBEIDC will be in English language only. A duly signed formal copy must subsequently confirm the correspondence by Fax / e-mail.

#### 13 . **Non escalation of Price**

The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.

#### 14 . **Non-eligibility of bid by Webel Group Company**

No Webel group company allowed to bid in WBEIDC tenders, and bids will be summarily disqualified if received from any WEBEL group company.

#### 15 . **Availability of PAN**

Any quotation submitted without PAN of the vendor will be summarily rejected.

#### 16 . **Proposal Currency**

Prices shall be quoted in Indian Rupees, inclusive of all prevailing taxes, levies, duties, etc.

#### 17 . **Cancellation of PO**

WBEIDC Ltd. reserves the right to cancel Purchase Order if the agreed delivery schedule is not adhered to by the supplier. Any loss arising out of such delay in the supply of the equipment / service, shall be on the supplier account.

#### 18 . **Period of Validity of Proposals**

The price offers shall remain firm within the currency of contract and no escalation of price will be allowed. The quoted offer and / or rate must be valid for a minimum period of 180 Days from the date of opening of the tender. The tender inviting authority reserves the right for seeking extension of validity of offered rates from the successful bidder. Acceptance of such request during actual offer is however optional to the bidder. The price validity will remain unaltered irrespective of any reason including foreign exchange rate variation. Variation in statutory rate levied by Government will however be reflected for both reduction and escalation.

#### 19 . **Whom to report**

Reporting: You have to report to SRI SUMAN MOITRA, GM(BD). for ALL purposes.



**20 . Schedule of the Tender**

The tender document shall be submitted on or before 17-10-19 12:00 Hrs. to Mr. Pratul Show

**21 . Opening of Tender**

The tenders shall be opened at the time set forth in the document. Bidders or their authorized representatives are invited to be present and to put their signatures on the records of tender opening as each tender is opened

**22 . Withdrawal from Tender**

Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

**23 . Additional Terms & Conditions**

AT THE TIME ACCEPTING LOI, VENDOR IS ADVISED TO CHECK THE GST PERCENTAGE MENTIONED IN THE LOI. IN CASE BIDDER MUST INFORM DGM (COMMERCIAL) ) IN WRITING PRIOR TO ISSUE OF THE PURCHASE ORDER. ONCE PURCHASE ORDER ISSUED NO SUBSEQUENT REQUE PERCENTAGE WILL BE ENTERTAINED.

# SECTION C

## SPECIAL TERMS & CONDITIONS

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### SPECIAL TERMS AND CONDITIONS

**1. Consignee Details**

Consignee Details: DIAMOND HARBOUR WOMEN'S UNIVERSITY.

**2. Delivery time period**

ALL ITEMS must be delivered and installed within 4 WEEKS from the date of issuance of LOI.

**3. Delivery Locations**

Delivery/Installation location:

DIAMOND HARBOUR WOMEN'S UNIVERSITY, SARISHA, DIAMOND HARBOUR ROAD, SOUTH 24 PARGANAS, SOUTH 24 P

**4. Liquidated Damage**

As per the job mentioned in the tender document; In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the Vendor(s) for sum equivalent to 1.00% of the contract value for each week or part thereof, subject to a ceiling of 5.00% of the contract value (including all taxes & duties and other charges). In the event of LD exceeds 5.00% of the order value, WBEIDC reserves the right to terminate the contract and WBEIDC will get the job completed by any other competent party. The difference of cost incurred by WBEIDC will be recovered from the earnest money deposited / PBG / Invoice submitted by the vendor (as applicable).

**5. Payment Authority**

Payment sanctioning authority: SRI SUMAN MOITRA, GM(BD).

**6. Payment Terms**

Payment will be made on submission of bills along with the receipted Challan & successful installation certificate from the END CUSTOMER. Payment will be released within 30 days after receiving payment from the end customer.

**7. Security Deposit**

Successful bidder will have to submit a performance bank guarantee within 14 DAYS of issuance of LOI, amounting 5% total ordered value in the format given in the tender document for a validity period of 60 DAYS more than the warranty period (1 YEAR from the date of final acceptance of the end customer) of the quoted items.

**8. Service Level Agreement**

Service Level: Resolution time should be 24 HRS.. If not resolved within 24 HOURS, a penalty of 0.5% of equipment cost per day will be levied and will be adjusted against the balance payment/PBG held with WBEIDC Limited.

**9. Warranty Support - Period**

The equipment along with the solution supplied will be warranted for 12 MONTHS from the date of ACCEPTANCE of the system whole or part. Service support for the entire warranty period will be ONSITE and COMPREHENSIVE and free of cost for the entire warranty period.

**10. Additional Terms & Conditions**

THE DETAILS SPECIFICATION IS ATTACHED IN THIS TENDER DOCUMENT.

# BOQ, TECHNICAL SPECIFICATIONS & DELIVERY LOCATIONS

SL. No.	Description / Specification	Qty	UOM	Delivery Location
1	DOME CAMERA 4MP H.265+, Lense 3.6mm, DWDR with PoE (As per attached Specification)	7	Nos.	
2	BULLET CAMERA 4MP H.265+, Lense 3.6mm, DWDR with PoE (As per attached Specification)	8	Nos.	
3	16 PORT POE+ SWITCH With 1 No. SFP Module Port (As per attached specification)	1	Nos.	
4	6U WALL MOUNT RACK	1	Nos.	
5	UPS 600 VA	1	Nos.	
6	UTP CAT 6 CABLE	3	Box	
7	SFP MODULE	2	Nos.	
8	CAT 6 PATCH PANEL (24 PORT)	1	Nos.	
9	IO/FACE PLATE & BACK BOX	15	Nos.	
10	UTP PATCH CORD 2MTR.	15	Nos.	
11	UTP PATCH CORD 1 MTR.	15	Nos.	
12	6 CORE SM FIBER CABLE	150	Meter	
13	FO PATCH CORD	2	Nos.	
14	LOADED LIU (6PORT)	2	Nos.	
15	SM PIGTAIL	12	Nos.	
16	1/4TH HDPE PIPE	140	Meter	

SL. No.	Description / Specification	Qty	UOM	Delivery Location
17	UTP CAT 6 CABLE LAYING With Required Conduit & Cassing	915	Meter	
18	HDPE & FIBER CABLE LAYING	150	Meter	
19	SOFT SOIL DIGGING	30	Meter	
20	CONCRETE & ROAD CUTTING	40	Meter	
21	FIXING OF 6U RACK & DRESSING	1	Nos.	
22	FIXING OF LIU INCL. SUPPLY OF ACCESSORIES	2	Nos.	
23	SPLICING OF FIBER	12	Nos.	
24	CAMERA INSTALLATION AND CONFIGURATION CHARGES	15	Nos.	
25	OLD NVR INTEGRATION, SWITCH INSTALLATION & AND CONFIGURATION CHARGES(1 No.Switch&1 No.NVR)	2	Lot	
26	FIXING & CRIMPING OF BACK BOX & IO/ FACE PLATE	15	Nos.	
27	PATCH PANEL PUNCHING	1	Nos.	
28	PROJECT MANAGEMENT CHARGE	1	Lot	

# COMPLIANCE SHEET

SL. No.	Description / Specification	Qty	UOM	Offered Specification	Compliant (Yes/No)	Deviation Details (if any)
1	DOME CAMERA 4MP H.265+, Lense 3.6mm, DWDR with PoE (As per attached Specification)	7	Nos.			
2	BULLET CAMERA 4MP H.265+, Lense 3.6mm, DWDR with PoE (As per attached Specification)	8	Nos.			
3	16 PORT POE+ SWITCH With 1 No. SFP Module Port (As per attached specification)	1	Nos.			
4	6U WALL MOUNT RACK	1	Nos.			
5	UPS 600 VA	1	Nos.			
6	UTP CAT 6 CABLE	3	Box			
7	SFP MODULE	2	Nos.			
8	CAT 6 PATCH PANEL (24 PORT)	1	Nos.			
9	IO/FACE PLATE & BACK BOX	15	Nos.			
10	UTP PATCH CORD 2MTR.	15	Nos.			
11	UTP PATCH CORD 1 MTR.	15	Nos.			
12	6 CORE SM FIBER CABLE	150	Meter			
13	FO PATCH CORD	2	Nos.			
14	LOADED LIU (6PORT)	2	Nos.			
15	SM PIGTAIL	12	Nos.			
16	1/4TH HDPE PIPE	140	Meter			

SL. No.	Description / Specification	Qty	UOM	Offered Specification	Compliant (Yes/No)	Deviation Details (if any)
17	UTP CAT 6 CABLE LAYING With Required Conduit & Cassing	915	Meter			
18	HDPE & FIBER CABLE LAYING	150	Meter			
19	SOFT SOIL DIGGING	30	Meter			
20	CONCRETE & ROAD CUTTING	40	Meter			
21	FIXING OF 6U RACK & DRESSING	1	Nos.			
22	FIXING OF LIU INCL. SUPPLY OF ACCESSORIES	2	Nos.			
23	SPLICING OF FIBER	12	Nos.			
24	CAMERA INSTALLATION AND CONFIGURATION CHARGES	15	Nos.			
25	OLD NVR INTEGRATION, SWITCH INSTALLATION & AND CONFIGURATION CHARGES(1 No.Switch&1 No.NVR)	2	Lot			
26	FIXING & CRIMPING OF BACK BOX & IO/ FACE PLATE	15	Nos.			
27	PATCH PANEL PUNCHING	1	Nos.			
28	PROJECT MANAGEMENT CHARGE	1	Lot			

## **ANNEX - BID FORM**

(Bidders are requested to furnish the Bid Form in the Format given in this section, filling the entire Blank and to be submitted on Letter Head)

Ref No : ( Mandatory)

Date : ( Mandatory)

To,  
Dy. General Manager (Commercial)  
WBEIDC Ltd  
Webel Bhavan  
Block EP & GP, Sector-V  
Salt Lake Electronics Complex  
Kolkata-700091

Dear Sir,

Having examined the Bid documents we, the undersigned, offer to undertake the job of "<Tender Title>" as per the Tender No. \_\_\_\_\_ dated \_\_\_\_\_.

We agree to abide by this bid for the period of 6 (six) months from the date for fixed for price bid opening and it shall remain binding upon us for acceptance at any time before the expiry of the period.

This bid, together with your written acceptance thereof and your order / notification of award, shall constitute a binding contract between us.

We understand that WBEIDC reserves the right to accept in full / part or reject any or all the bids received or split order within successful bidding without any explanation to bidders and its decision on the subject will be final and binding on Bidder. We also understand that WBEIDC is not bound to accept the L-1 bid for placement of order.

We had given an EMD/BG of Rs. \_\_\_\_\_ (DD/BG No \_\_\_\_\_ dated \_\_\_\_\_ on \_\_\_\_\_) along with the technical document.

We also abide to go through bank Guarantee of 5% of the job value as Performance Bank Guarantee.

Dated, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

Signature

.....  
(In capacity of)  
Duly authorized to sign bid for and on behalf of  
(Name and Address of the Bidder)

(Affix Official Seal)

### **ANNEX - BOM & TECHNICAL SPECIFICATIONS**

**ALL TECHNICAL PARAMETERS OF ITEMS ARE MANDATORY. NO DOWNWARD DEVIATION IS ALLOWED. IN CASE OF ANY DEVIATIONS IN SPECIFICATIONS OF THESE ITEMS, THE BID WILL BE SUMMERILY REJECTED.**

The bidder has to attach a technical compliance sheet in the following format:

Sl. No.	Description of Items	Make & Model No.	Qty	Unit	Offered Specification	Remarks
1						



**ANNEX – MAF**  
**(MANUFACTURER'S AUTHORISATION FORM)**

(TO BE SUBMITTED ON OEM LETTERHEAD, SIGNED BY A PERSON COMPETENT AND HAVING THE POWER OF ATTORNEY [Notarized copy to be attached] TO BIND THE PRODUCER) Without this MAF, the bid is liable to be rejected.

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

Date: \_\_\_\_\_

Dy. General Manager (Commercial)  
WBEIDC LTD ,  
Block-EP&GP, Webel Bhawan,  
Sector-V ,Salt Lake , Kolkata-700 091.

WHEREAS \_\_\_\_\_ who are official producers of \_\_\_\_\_ and having production facilities at \_\_\_\_\_ do hereby \_\_\_\_\_ authorize \_\_\_\_\_ located at \_\_\_\_\_ (hereinafter, the "Bidder") to submit a bid of the following Products produced by us, for the Supply Requirements associated with the above Invitation for Bids.

**[ Note : Please Specify the Product Name & Model No here. ]**

When resold by \_\_\_\_\_ these products are subject to applicable warranty terms of this NIT.

We assure you that in the event of \_\_\_\_\_ not being able to fulfill its obligation as our Sales & Service Provider in respect of this NIT, we would continue to meet our the terms stated in the abovementioned NIT through alternate arrangements.

We also confirm that \_\_\_\_\_ is our authorized service provider / system integrator and can hence provide maintenance and upgrade support for our products.

We also undertake to supply the materials in the event of the non-supply of the materials by \_\_\_\_\_ as per the NIT and assure you the availability of spares for the products for the next two years after the expiry of three years comprehensive on-site warranty.

Name \_\_\_\_\_ In the capacity of \_\_\_\_\_

**ANNEX – PBG**

**PERFORMANCE SECURITY GUARANTEE BOND**

1. In consideration of the MD , WBEIDC (hereinafter called "WBEIDC") having agreed to exempt \_\_\_\_\_ (hereinafter called 'the said contractor(s)') from the demand under the terms and conditions of an agreement/Advance Purchase Order No \_\_\_\_\_ dated \_\_\_\_\_ made between \_\_\_\_\_ and \_\_\_\_\_ for the supply of \_\_\_\_\_ (hereinafter called "the said agreement "), of security deposit for the due fulfillment by the said contractor (s) of the terms and conditions contained in the said Agreement, on production of the bank guarantee for \_\_\_\_\_ we, (name of the bank) \_\_\_\_\_

( hereinafter refer to as "the bank") at the request of \_\_\_\_\_ (contractor(s)) do hereby undertake to pay to the WBEIDC an amount not exceeding \_\_\_\_\_ against any loss or damage caused to or suffered or would be caused to or suffered by WBEIDC by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.

2. We (name of the bank) \_\_\_\_\_ do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the WBEIDC by reason of breach by the said contractor(s)' of any of the terms or conditions contained in the said Agreement or by reason of the contractors(s)' failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of WBEIDC in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding \_\_\_\_\_.

3. We undertake to pay to the WBEIDC any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/supplier(s) shall have no claim against us for making such payment.

4. We( name of the bank) \_\_\_\_\_ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the WBEIDC under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till \_\_\_\_\_(office/Department) WBEIDC certifies that the terms and conditions of the said Agreement have been fully or properly carried out by the said contractor(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry of TWO/TWO AND HALF/THREE YEARS (as specified in the tender no.....) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.

5. We (name of the bank) \_\_\_\_\_ further agree with the WBEIDC that the WBEIDC shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the WBEIDC against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the WBEIDC or any indulgence by the WBEIDC

7. We (name of the bank) \_\_\_\_\_ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the WBEIDC in writing.

Dated the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

for \_\_\_\_\_  
(Indicate the name of bank)

## ANNEX - PRICE BID

**(Bidders have to submit the price bid strictly in this format, otherwise the bid will be rejected)**

Ref . No.  ( Mandatory )

Date:  ( Mandatory )

Tender for \_\_\_\_\_ <Tender Title> \_\_\_\_\_, \_\_\_\_\_ <Tender No.>, \_\_\_\_\_ <Tender Date>

To,  
Dy. General Manager (Commercial)  
WBEIDC Ltd.

Dear Sir,

In response to the above tender, we offer our price as given below:-

Sl. No.	Item Description	Make & Model / Part No.	Total Qty.	Unit Rate	Amount (Rs.)	VAT Rate (%)	VAT Amount (Rs.)	Service Tax Rate (%)	Service Tax Amount (Rs.)	Total Amount (Rs.)
1										
2										
...										
n										
<b>Total</b>										

**In words:** Rupees \_\_\_\_\_

**(Signature and Seal of authorized signatory & a copy of power of attorney is to be enclosed)**

## ANNEX - TECHNICAL COMPLIANCE STATEMENT

ALL TECHNICAL PARAMETERS OF ITEMS ARE MANDATORY. NO DOWNWARD DEVIATION IS ALLOWED. IN CASE OF ANY DEVIATIONS IN SPECIFICATIONS OF THESE ITEMS, THE BID WILL BE SUMMERILY REJECTED.

The bidder has to attach a technical compliance sheet in the following format:

Sl. No.	Description of Items	Make & Model No.	Qty	Unit	Offered Specification	Remarks
1						

<b>4 MP fixed Dome Camera with 3.6 mm lens</b>	
<b>Camera</b>	Make: CP Plus/Dahua/EyeFocus/Infinova/Panasonic/Samsung
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON); B/W: 0.001 Lux @(F1.2, AGC ON), 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120 dB
<b>Lens</b>	
Focal Length	3.6 mm
Aperture	F2.0
Focus	auto
FOV	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>Smart Feature-set</b>	
Behavior Analysis	Line crossing detection, intrusion detection
Region of Interest	1 fixed region for main stream
<b>Image</b>	
Max. Resolution	2688x1520
Main Stream	50Hz: 25fps (2688x1520)(2560x1440) (2048x1536) (1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps 2688x1 520)(2560x 1 440) (2048x 1 536) (1920 x 1080,1280 x 960,1280 x 720)
Sub-Stream	50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720) (704 x 576, 640 x 480, 352 x 288, 320 x 240) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720) (704 x 480, 640 x 480, 352 x 240, 320 x 240)
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)

<b>Network</b>	
Network Storage	NAS (NFS, SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Reset Button	Yes
Audio input/output	in 1 & out 1
<b>General</b>	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, max. 6.5W 12 VDC, 0.4 A, max. 5W
Protection Level	IP67, IK10
Material	Front cover: plastic, base: metal
Dimensions	Camera: 130x105 mm
Weight	Camera: approx. 497 g (1.1 lb.) With package: approx. 597 g (1.3 lb.)

<b>4 MP Bullet camera with 3.6 mm lens</b>	
Make: CP Plus/Dahua/EyeFocus/Infinova/Panasonic/Samsung	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON); B/W: 0.001 Lux @(F1.2, AGC ON), 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120 dB
<b>Lens</b>	
Focal Length	3.6 mm
Aperture	F2.0
Focus	Auto
FOV	3.6 mm: horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7°

Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>Smart Feature</b>	
Behavior Analysis	Line crossing detection, intrusion detection
Region of Interest	1 fixed region for main stream
<b>Image</b>	
Max. Resolution	2688x1520
Main Stream	50Hz: 25fps (2688x1520)(2560x1440) (2048x1536) (1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps 2688x1 520)(2560x 1 440) (2048x 1 536) (1920 x 1080,1280 x 960,1280 x 720)
Sub-Stream	50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720) (704 x 576, 640 x 480, 352 x 288, 320 x 240) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720) (704 x 480, 640 x 480, 352 x 240, 320 x 240)
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)
<b>Network</b>	
Network Storage	NAS (NFS, SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Reset Button	Yes



Audio input/output	in1 & out1
<b>General</b>	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, max. 6.5W 12 VDC, 0.4 A, max. 5W
Protection Level	IP67, IK10
Material	Front cover: plastic, base: metal
Dimensions	Camera: 70x154x60.5 mm
Weight	Camera: approx. 497 g (1.1 lb.) With package: approx. 597 g (1.3 lb.)

<b>16 Ch NVR with 2 SATA Port</b>	
Processor	High Performance Embedded Microprocessor
Operating System	Embedded Linux
Video Compression	H.264 /H.264+/H.265/H.265+
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Supported Camera Type	1.3MP, 2MP, 3MP, 4MP, 5MP, 6MP, 8MP
Control Devices	USB Mouse, Control Keyboard, IR Remote control, Network Keyboard
Video Frame	PAL: 25FPS, NTSC: 30FPS
Video Input	16 CH IP Camera input up to 8MP
Video Output	VGA-1, HDMI-1 Max. Res.:2560*1440
Viewing	Multiple HDMI / VGA
Video Recording	1080p@25 FPS, 1080N@25 FPS, 720P@25 FPS
IP Camera Input	16 IP CAMERA UPTO 8 MP
Video Display Split	Full and Multiple Screen Display, 1/4/8/16
Privacy Masking	4 Self defined four sided zones for each camera
Password Protection	Multilevel Password for Operation, Setup and Remote access
OSD Functions	Supported
Video Information	Camera title, time, video loss, camera lock, motion detection, recording, Camera Status
Audio Input	1-ch, RCA (2.0 Vp-p, 1kQ)
Audio Output	1-ch, RCA (2.0 Vp-p, 1kQ)
Search Mode	Time/date, Alarm, Multi Zone Motion detection & exact search (Accurate to second)
Playback	All Ch. Simultaneous playback, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Storage	2 SATA Port (Support up to 6 TB)
Digital Zoom	Selected zone can zoom into full screen during live & playback
Backup Mode	Flash disk, USB HDD/CD/DVDRW, Network Download (With Player)
Interface Ports	RJ45 x 1, USB 2.0 x 2
Connectivity Network	ADSL, PSTN, Leased Line and Broad Band
Protocols	TCP, UDP, DHCP, DNS, PPPoE, DDNS, FTP, RTP, UTP
	NTP, SMTP, NFS, UPnP, HTTPS

Remote Operations	Monitor, PTZ control, playback, system setting, file download, log information
Network Viewing	Supported
Power Supply	240V 60 Hz / 100V 50Hz (24*7 Robust Working)
Power Consumption	30W
Certifications	CE, FCC
Working Temperature	-10°C ~ +55°C
Working Humidity	10%~90%
Dimensions	1U
Weight	1 Kg without HDD

<b>16 Port POE</b>	
General	10/100/1000 16 Port with 2 SFP
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)</li> <li>• ANSI/IEEE 802.3 NWay auto-negotiation</li> <li>• IEEE 802.3x flow control; IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)</li> </ul>
Switching Capacity	<ul style="list-style-type: none"> <li>• 20 Gbps switching fabric</li> </ul>
Data Transfer Rates	<ul style="list-style-type: none"> <li>• Ethernet</li> <li>• 10 Mbps (half duplex)</li> <li>• 20 Mbps (full duplex)</li> <li>• Fast Ethernet</li> <li>• 100 Mbps (half duplex)</li> <li>• 200 Mbps (full duplex); Gigabit Ethernet</li> <li>• 2000 Mbps (full duplex)</li> </ul>
Media Interface Exchange	<ul style="list-style-type: none"> <li>• Auto MDI/MDI-X adjustment for all ports</li> </ul>
Network Cables	<ul style="list-style-type: none"> <li>• 10BASE-T: <ul style="list-style-type: none"> <li>• UTP CAT 3/4/5/5e (100 m max.)</li> <li>• EIA/TIA-586 100-ohm STP (100 m max.)</li> </ul> </li> <li>• 100BASE-TX <ul style="list-style-type: none"> <li>• UTP CAT 5/5e (100 m max.)</li> <li>• EIA/TIA-568 100-ohm STP (100 m max.);</li> </ul> </li> <li>• 1000BASE-T <ul style="list-style-type: none"> <li>• UTP CAT 5/5e(100 m max.)</li> <li>• EIA/TIA-568 100-ohm STP(100 m max.)</li> </ul> </li> </ul>
LED Indicators	<ul style="list-style-type: none"> <li>• Per unit: Power / PoE Max</li> <li>• Per port: Activity / Link and Speed; Per port: Power / Status</li> </ul>
Transmission Method	<ul style="list-style-type: none"> <li>• Store-and-forward</li> </ul>
MAC Address Table	<ul style="list-style-type: none"> <li>• 16K entries per device</li> </ul>
Packet Filtering / Forwarding Rates	<ul style="list-style-type: none"> <li>• Ethernet: 14,880 pps per port</li> <li>• Fast Ethernet: 148,800 pps per port;</li> <li>• Gigabit Ethernet: 1,488,000 pps per port</li> </ul>
RAM Buffer	<ul style="list-style-type: none"> <li>• 256 KB per device</li> </ul>
PoE Capable Ports	<ul style="list-style-type: none"> <li>• 802.3af/802.3at PoE up to 30 Watts per port (ports 1-4 only)</li> </ul>
PoE Power Budget	<ul style="list-style-type: none"> <li>• 120 W</li> </ul>
Physical	
Dimensions	<ul style="list-style-type: none"> <li>• 5.5" x 3.0" x 1.06" (190 mm x 120 mm x 38 mm)</li> </ul>
DC Input	<ul style="list-style-type: none"> <li>• External 53.5 V / 1.5 A power adapter</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> <li>• Storage: -40 to 70 °C (-40 to 158 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 0% to 95% RH non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE •FCC, BIS, RoHS</li> </ul>