

The West Bengal Power Development Corporation Ltd



Request for Proposal (RFP)

for

Supply & Installation of

Rear Projection Video Wall at Corporate Office of WBPDCCL

Ref No: WBPDCCL/IT&MIS/92/314 Dt. 25.11.2013

Bidyut Unnyan Bhaban
3/C, Block-LA, Sector-III
Bidhannagar
Kolkata - 700098

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1. Introduction

1.1 The WBPDCCL Limited (WBPDCCL), an enterprise of Government of West Bengal, is the leading thermal power generating company in West Bengal. WBPDCCL has its Corporate office in Kolkata and following Plants spread across West Bengal.

- Bakreswar Thermal Power Project, Dt. Birbhum WB , Pin: 731104
- Sagardighi Thermal Power Project, Dt. Murshidabad WB , Pin: 742226
- Santaldih Thermal Power Project, Dt. Purulia WB , Pin: 723146
- Bandel Thermal Power Station , Dt. Hooghly, WB, Pin : 712503
- Kolaghat Thermal Power Station, Dt. Purba Medinipur, Pin: 721171

2. Solution Overview:

2.1 WBPDCCL is setting up a Control Room at its Corporate Office at Kolkata for real time monitoring of different operational parameters of the Plants.

2.2 To enable this, WBPDCCL requires a Large Video Screen with suitable arrangement to view information in the form of graphics accessed - directly by the displays or through an interposing hardware i.e Controller - through TCP/IP based Network.

2.3 The display will be built on 3 individual display cubes to be arranged in 3 columns to get merged into a single video wall.

2.4 The video wall will have the capability to show entire wall as a single display or multiple displays with entire screen split into multiple windows as per users choice.

2.5 The display with suitable controlling device will have the capability to replicate terminals of minimum 3 Desktop PCs tiled as per users requirement.

2.6 The display controller should have a PC Based interface to control and configure the video wall.

- 2.7 The display will be operating without interruption throughout the year and will be of 24x 7 duty cycle.
- 2.8 The display will be of rear projection type with LEDs as light source. The display arrangement should be maintainable completely from front as minimum rear clearance could be made available for the installation at site.

3. **Scope of Work**

- 3.1 The Bidder will supply 3 no Display Cubes - LED-illuminated, rear projection & front access type- to be arranged in 3 columns to merge into a single Video Wall.
- 3.2 The scope of work includes supply, installation, commissioning & testing of video wall including but not limited to:
 - 3.2.1. Mounting / Fabrication of pedestal and /or framework for holding each display cube and ultimately the Video Wall
 - 3.2.2. Configuring the required network with configuration of Layer 2 switch
 - 3.2.3. Configuring controller software
 - 3.2.4. Installation of network enclosure and mounting all accessories i.e Controller & Network Switch etc.
 - 3.2.5. Supply of all required hardware including CAT6 Data Cable required to connect Desktop PCs installed in location.
- 3.3 **Training:** Training will be in two categories
 - 3.3.1. System Administrators' Training
 - 3.3.2. General Users' Training
- 3.4 **Documentation & Deliverables**
 - 3.4.1. A detailed User Manual will be submitted to WBPDCL. The user manual will help users to have a complete understanding of the configuration of the Video Wall and the Controller along with its different features.

4. Installation Location Details

- 4.1 The Video Wall will be installed in a room at 6th Floor of Vidyut Unnyan Bhaban. Dimensional details of the location is as given below:

Category	Value
Maximum Frontage Available at Site	200" X 90 "
Maximum Floor Clearance from Rear Wall Allowed at Site for Video wall installation	24"

5. Site Compliance

- 5.1 The Video Wall will be installed at the designated Generation Control Room. The available frontage in the room is given above. The bidder must send its representative to survey the location before pre-bid meeting and ensure that the solution proposed can be transported & accommodated – with all accessories and installation equipment - in the space provided without any special arrangement. The condition is applicable for transportation of all accessories required
- 5.2 However if there is any special arrangement which to the bidder is unavoidable and is a mandatory requirement as per the bidder, then it should be clearly mentioned in pre-bid meeting. WBPDCCL may or may not accept such requirement.
- 5.3 Subject to Clauses 5.1 & 5.2 Bidder has to submit a site compliance declaration as per Annexure

6. General Conditions of Contract

6.1 Completion Period :

Following timeline is to be met by the Bidders for completion of the project

SI No	Milestone	Time line
1	Delivery of Hardware at all Plants	45 days from the Date of Placement of PO
2	Installation of Videowall with complete	15 days from the Date of

SI No	Milestone	Time line
	configuration	Delivery of materials at Site
2	Administrators' Training	1 day
3	Training to End Users	2 days

7. Payment

Payment will be made as per following milestones

- 7.1 70% after installation and commissioning of the Video Wall with completion of Training
- 7.2 20% after 6 months of satisfactory performance from date of commissioning
- 7.3 10% after completion of 1 yr of satisfactory performance from date of commissioning

8. Warranty & Support

- 8.1 The Bidder has to provide support for both Hardware & Software component supplied.
- 8.2 All hardware will be warranted against defects for 3 yr from the date of installation.
- 8.3 For Wall Management Software warranty support means supply of patches, bug-fixes & on-site configuration support for 3 year.
- 8.4 Warranty will commence from the date of issue acceptance certificate by WBPDCL.
- 8.5 Bidder shall be liable to repair or replace any defective part in the equipment/installation during the warranty period. Warranty would entail that the vendor will attend to all faults and rectify the same on site within 48 hours of informing the Bidder (excluding traveling time)

9. Delivery

- 9.1 Unloading at delivery point & transportation of the Materials to the installation room is in the scope of the bidder.

10. Delivery Point

Hardware items will be delivered at Corporate office of WBPDCCL

11. Bill of Materials

For detail BOM Refer to Annexure-9

12. Price

Firm, FOR- Kolkata and respective sites of delivery as mentioned above. Service Tax, VAT, Insurance, Excise Duty & Other charges should be mentioned clearly and separately in the Price Bid.

13. Offer Validity

Offer must remain Valid for at least 90 days from the date of opening of the bid.

14. Performance Bank Guarantee

- 14.1 The successful Bidder will submit a bank guarantee of 15% of value of order within one month from date of issue of supply order. The BG will be valid for 1 (one) year from date of installation of equipment.

15. Liquidated Damage

- 15.1 If the Bidder fail to maintain the stipulated Date of completion of the Project i.e Installation & Commissioning of the Video Wall, for reasons solely attributable to its responsibilities, it will be charged, as agreed compensation 0.25 % of the contract price for every week or part thereof of delay. The total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Contract Price of the Project. The amount of compensation may be adjusted or set-off against any sum payable to you under the Purchase Order.

16. Tender Methodology

- 16.1 The tender methodology for proposed engagement of OEM /SI will be in single stage 2-Part bidding inviting techno-commercial bids by issuance of Request for Proposal (RFP)
- 16.2 The tenders shall be submitted in two-part bid system. The technical proposal shall contain the pre-qualification documents, technical information & data sheets of the solution proposed, technical compliance statement (listing all the deviations), Manufacturer's Authorization Form (as per Annexure-I) & the EMD.

17. Qualifying Requirements (QRs)

The QRs are given below. For all the other clauses, the OEM/SI will be evaluated against the evaluation criteria.

17.1 Technical

- 17.1.1. The bidders can either be an Original Equipment Manufacturer (OEM) or a System Integrator (SI) or authorized partner of the OEM.
- 17.1.2. In case of SIs who are not OEM, authorization in the MAF in prescribed format given in Annexure-4 has to be provided by Bidder.
- 17.1.3. All hardware & Software must meet criteria as mentioned in specification given in Annexure-5
- 17.1.4. Non-OEM Bidders should submit the tender-specific Manufacturer Authorization Format (MAF) from the OEM of all associated hardware & software.
- 17.1.5. The bidder must have already supplied such or similar (including non-LED based illumination systems with rear access) system in India and a report on the performance of the systems from the client must be enclosed.
- 17.1.6. A list of installations done in last 3 (Three) years should be furnished along with the Technical Bid.
- 17.1.7. OEM / SI's must have done 2 (two) instance of Supply and Installation of Video Wall with similar technical specification (i.e Rear access, non-LED based

- illumination and at least with 3 Display Cubes) project in India executed in last 3 years. Relevant Information on such project must include:
- 17.1.7.1 Brief Description of the Project with supplied Equipment and Software Specification & Size and Scale of the Project i.e no of display cubes, arrays etc.
 - 17.1.7.2 Duration of the project i.e date of PO & Date of Installation
 - 17.1.7.3 Users' Acceptance Certificate or Commissioning Protocol Signed by Owner's Representative.
 - 17.1.7.4 For non-OEM Bidders, name of the OEM for equipments supplied
 - 17.1.8. Of the 2 required installation as mentioned in 17.1.7, 1 (one) installation must be in 24 hrs X 365 days duty cycle type and in areas like Control Room of Power / Process Plant, Load Despatch Centers, Aviation / Traffic Control Room etc.
- 17.2 **Organizational Parameters**
- 17.2.1. Any OEM / SI Firm registered in India under the Indian Companies act 1956 is eligible for the Bid. Copy of Certificate of Incorporation or Registration in India is to be furnished.
 - 17.2.2. The OEM and SI must have its own regional operation in East/Kolkata & all over India.
 - 17.2.3. The SI and OEM shall have proper office providing support and services in Kolkata, West Bengal.
 - 17.2.4. OEM / SI are to give information asked for by WBPDCCL as a single entity. Any consortium, JVs, partnerships and sub-contracting arrangement shall be disqualified.
 - 17.2.5. OEM / SI shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any Govt. Agencies.
 - 17.2.6. The bidder should have an Annual Turnover of Rs.8 Crores or above as per the last Audited balance Sheet (2011 -12) and aggregate of turnover of last three financial years (i.e. 2011-12, 2010-11, 2009-10) should be Rs 20 crores or above. Copy of audited balance sheet for last 3 (Three) years to be submitted.

- 17.2.7. Trade License, VAT Registration No., and Permanent IT/ST Registration no. are to be furnished with the Bid.
- 17.3 Testimonials / Documents supporting fulfillment of the QR mentioned above must be submitted with the Technical Bid as per Annexure
- 17.4 All declarations/undertakings/ certifications as mentioned in Annexure to must be submitted with the bid.

18. Earnest Money

- 18.1 Bidders must furnish the earnest money in the form of Demand Draft /Pay Order of Rs 100000.00 (One Lakh Only) from any scheduled bank authorized to do the business in India. Demand Draft /Pay Orders will be in the name of “**The West Bengal Power Development Corporation Ltd.**” and payable at Kolkata.
- 18.2 The earnest money will be returned to the unsuccessful Bidder on request. For successful Bidder earnest money will be returned on request after Go-live of E-recruitment module.
- 18.3 Earnest money submitted will be liable to forfeiture, if successful Bidder fail to accept Purchase Order /LOI issued within the offered validity period, not below 120 days.

19. Submission of Bid

- 19.1 Bids must be delivered in two parts: (a) Technical Bid, and (b) Commercial/Price Bid, which are to be submitted in separate sealed covers.
- 19.2 The 1st envelope should contain the earnest money. Name of the Bid, RFP Ref No., Due date and the words '**Cover- I : Earnest Money**' should be clearly written on the front side of the envelope. This envelope shall contain only the earnest money. Amount of earnest money should be strictly as per Clause - 18. In case of any shortfall, the offer will be treated as cancelled and in that case Cover-II and III of the Bid shall not be opened.

- 19.3 The 2nd envelope should contain the Technical Bid. Name of the Bid, RFP Ref No., Due date and the words '**Cover-II: Technical Bid**' should be clearly written on the front side of the envelope.
- 19.4 This Technical Bid shall contain complete technical offer including:
- 19.4.1. Complete technical solution with Overview of the solution with Make & Model No.
- 19.4.2. Installation diagram with Network Connectivity and Power requirement, clearly delineating Bidders understanding of the scope of work and exclusions considered.
- 19.4.3. All relevant Data Sheets & Brochures
- 19.4.4. The Annexures - 1,2,3,4 or 5 and 6 and price schedule as in Annexure-8 in un-priced condition. In case of any deviation in the technical bid, WBPDCCL reserves the right to reject the offer and not to open the price bid.
- 19.5 The 3rd envelope should contain the Financial/Price Bid. Name of the Bid, RFP Ref No., Due date and the words '**Cover-III and Commercial Bid**' should be clearly written on the front side of the envelope.
- 19.6 All the above three covers shall be placed in a 4th envelope and shall be submitted properly sealed superscribing " **Name of the Bid, RFP Ref No., Due date and No. of covers inside**" with mentioning Bidder's name and seal.
- 19.7 Bids received upto stipulated time and date only would be accepted. Tenders will not be received beyond the stipulated time and date of receipt of tenders as stipulated in the NIT.
- 19.8 Bids as mentioned above should be addressed to:
- The GM (IT&MIS),
The WBPDCCL Limited,
Bidyut Unnayan Bhaban,
Plot - 3/C, LA- Block, Sector -III,
Bidhannagar,
Kolkata- 700 098.

19.9 WBPDCL reserves the right to select or reject any party without assigning any reason whatsoever.

20. Technical Bid

20.1 The Bidder is expected to examine all terms and conditions included in the Document. Failure to provide the requested information will be at his risk and may result in rejection of the Bid.

20.2 This Technical Bid shall contain complete technical offer :

20.2.1. Complete technical solution with Overview of the solution with Make & Model No.

20.2.2. Installation diagram with Network Connectivity and Power requirement, clearly delineating Bidders understanding of the scope of work and exclusions considered.

20.2.3. All relevant Data Sheets & Brochures

20.3 Technical Bid must provide the information, using, but not limited to, the formats given in Annexure 1 to 8.

20.4 Bidders understanding of the processes and the proposed solution are also an elaboration of how the required tasks are proposed to be undertaken.

20.5 The technical bid must be submitted in the same fashion as in financial bid format as in Annexure-8 **without the Price column** .

**TECHNICAL BID MUST NOT INCLUDE ANY FINANCIAL INFORMATION.
IF FOUND SO THE BIDDER WILL BE DISQUALIFIED**

21. Financial Bid

21.1 The financial Bid should list the costs associated with the Assignment using, but not limited to, the formats attached.

21.2 The financial Bid must take into account the tax liability and cost of insurances if any and any other statutory payouts as per the standard guidelines

21.3 The Bids should be submitted with a covering letter as per formats given in Annexure 1

22. Pre-Bid Discussion

- 22.1 Bidder's representatives may visit the site of installation of Video Wall before pre-bid meeting to have an idea about the frontage available. For this GM(IT&MIS), WBPDCCL should be contacted at sgghoshal@wbpdcl.co.in. *No visit can be done after pre-bid meeting.*
- 22.2 All questions regarding the RFP will be discussed in the Pre Bid Meeting. Bidders are requested to E-mail their questionnaire at least 3 days before Pre Bid discussion.
- 22.3 The Pre Bid Discussion meeting will be held the date mentioned in Bid Timeline section i.e Section 28 of this document - at Bidyut Unnyan Bhaban. The points raised by the Bidders and any other points required to be discussed further as desired by WBPDCCL shall be clarified / modified in the Meeting.
- 22.4 In the Pre Bid Discussion meeting, the points raised by the party/ parties, any other points required to be discussed further as desired by WBPDCCL shall to be clarified / modified.
- 22.4.1. Outcome of the meeting will be a part of the RFP which has / have to be followed by all bidders irrespective of their participation in the pre bid discussion. The changes made in the pre bid discussion will be displayed in WBPDCCL's website www.wbpdcl.co.in

23. Date of Submission

- 23.1 The Bid must be received by the addressee within 15.00 Hrs on 16.12.2013 and valid for 90 days from opening of Technical Bid. It is the responsibility of the Bidders to ensure that Bids are delivered in accordance with the instructions set out in the RFP and its accompanying documents.
- 23.2 Technical bids will be opened at 15.30 Hrs same day. Non Submission of Bids, is to be intimated to WBPDCCL within closing date.
- 23.3 Late Bids will not be accepted in any circumstances and will be returned unopened to the Bidders. No special pleadings will be accepted.

24. Bid Opening

- 24.1 Evaluation of the Technical Bids will be done subsequently by WBPDCL.
- 24.2 Bidders may be asked to clarify on any discrepancy found in Technical Bid.
- 24.3 On the basis of evaluation and clarification eligible Bids will be finalised. Financial Bids for all eligible Technical Bids will be opened on a suitable date, likely within 15 days of submission of Bids.
- 24.4 Date of opening of the financial bid will be intimated to eligible bidders and they are request to be present at the opening of the Financial Bid.

25. Bid Evaluation

- 25.1 The evaluation of Bid responses will be paper-based and on the basis of documents submitted to WBPDCL.
- 25.2 Bid will be assessed in accordance with good techno-commercial practices.
- 25.3 For documents to be submitted for pre qualification, refer to Annexure.
- 25.4 WBPDCL reserves the right to call any or all of the Proposers who have submitted Bids, for presentations or negotiations on specific points in the Bids submitted, in order to satisfy the selection and/or its “value for money” criteria.
- 25.5 WBPDCL is not bound to accept the lowest or any Bid and reserves the right to accept any Bid in whole or in part and to reject any or all Bids without assigning any reason thereof and to contract on any of the terms offered or on different terms in keeping with its “value for money” criteria.
- 25.6 Bids will be assessed in accordance with good commercial practice. The Bid should clearly articulate how the tasks envisaged in ‘scope of work’ are proposed to be undertaken.
- 25.7 Bids with documents substantiating submission of earnest money will only be evaluated.

- 25.8 The technical Bids submitted will be evaluated first to look into the eligibility of the Bid. The Technical bid must be complete in terms of Formats given in Annexure- 1 to 7 for consideration of opening of financial bid.
- 25.9 Financial bid will be opened within 15 (seven) days of opening of Technical bid.
- 25.10 Lowest bidder will be selected as per lowest project cost as submitted by the bidders in Financial bid in the format given in Annexure-8
- 25.11 WBPDCCL is not bound to accept the lowest or any Bid and reserves the right to accept any Bid in whole or in part and to reject any or all Bids without assigning any reason thereof and to contract on any of the terms offered or on different terms in keeping with its “value for money” criteria.
- 25.12 Bids with documents substantiating submission of earnest money will only be evaluated.
- 25.13 The technical Bids submitted will be evaluated first to look into the eligibility of the Bid. The Technical bid must be complete in terms of Formats furnished in Annexure- 1 to 7 for consideration of opening of financial bid.
- 25.14 WBPDCCL expects that no deviation is taken by the Bidder from the Scope of Work envisaged. If there is any deviation, it is to be clearly mentioned in the Compliance Sheet to be submitted in the format given in Annexures. Bids with any non-compliance or deviation vis-à-vis the Scope of Work will not be accepted and respective financial bids will not be opened.
- 25.15 **Lowest bidder will be selected as per lowest project cost as submitted by the bidders in Financial bid in the format given in Annexure-8.**
- 25.16 Evaluation of the price bids will take into account the Unit Landed cost of the service at the final destination.
- 25.17 For the purpose of evaluation, the unit landed cost will be arrived at by adding all the elements of the basic price, Taxes and other statutory levies. So unit landed cost will be (i) Basic price + (ii) CST or VAT + (ii) Service Tax or other Taxes & Duties as mentioned in the Bid.

25.18 Any variation, up or down, in taxes and duties or any new levy introduced subsequent to bid opening will not be considered for comparison of bids.

26. Taxes & Duties

26.1 Where relevant, taxes & duties should be declared as a cost, but shown separately from the basic price of the services in the Schedule of Prices

26.2 In case there is any change in applicable direct taxes during the validity period of the contract, the same shall be to WBPDCCL's account.

27. Mode of Payment

Payment will be made through account payee cheque. If payment is required to be made through Demand Draft then Draft charges are to be borne by the Bidder.

28. Bid Timeline

Event	Date
NIT Published	25.11.2013
Pre-bid Discussion	6.12.2012
Last Date & Time for submission of Bid along with Earnest Money	16.12.2013
Technical Bid Opening	16.12.2013
Financial Bid Opening	To be intimated

Annexure

Annexure-1: Cover Letter Format

The Bids to be submitted with a cover letter written in the following format:

Bid Reference No. and Date:

Bidders Name and Address:

Person to Be Contacted:

Designation:

Telephone No(S):

Fax No.:

E-mail ID :

To:

The GM(IT&MIS)

The WBPDCCL Ltd

Bidyut Unnyan Bhaban

LA-3C, Sector-III

Bidhannagar, Kolkata - 700098

Telephones: +91 33 2339 3486

Fax: +91 33 2339 0424

Subject: Submission of Technical & Financial bid for Supply & Installation of Rear Projection Video Wall at Corporate Office of WBPDCCL

Sir,

We, the undersigned bidder, having read and examined in detail the specifications and the RFP in respect of Supply & Installation of Rear Projection Video Wall at Corporate Office of WBPDCCL do hereby propose to provide services as specified in the RFPs.

1. Bid Validity

The prices mentioned in our Bid are in accordance with the terms as specified in RFP. The prices and other terms and conditions of this Bid are valid for the period of 60 calendar days from the date of submission the bids.

2. Bid Pricing

We further declare that the prices stated in our Bid are in accordance with your Instructions to Bidders included in RFP

3. We declare that our bid prices are for the entire scope of the work as specified in the RFP. These prices have been submitted in the Financial Bid.
4. We declare that the prices will not be subject to escalation for any reason whatsoever within the period of project. A Bid submitted with an adjustable price quotation or conditional Bid may be rejected as non-responsive.
5. This is to further certify that all the information contained in the Bid is to the best of our knowledge and the bids submitted are completely unconditional

Thanking you,

Yours faithfully,

(Signature)

Name of Authority Signatory:

Designation:

Seal

Date:

Place:

Business Address:

Signature

(In the capacity duly authorized to sign bids for and on behalf of)

(Name in block letters)

Annexure-2 : General Particulars to be provided by the Respondents

The Respondent should provide the following particulars along with relevant supporting documentation:

1. Full Name of the OEM / SI Firm
2. Mailing address in India
3. Telephone and fax number
4. E-mail address
5. Name and designation of the person authorized to make commitments to WBPDCL
6. Year of establishment and constitution of organization
7. Details of the top management with their professional qualification and experience
8. Description of business and business background
9. Details of similar projects undertaken by the OEM / SI Firm (executed in last 5 years)

Annexure-3: Verification

(To be signed and submitted with the Technical Bid)

1. We confirm that we will abide by all the terms and conditions contained in the RFP document.
2. All the details mentioned above are true and correct and if WBPDCCL observes any misrepresentation of facts on any matter at any stage, WBPDCCL has the right to reject the proposal and disqualify us from the process.
3. We hereby acknowledge and unconditionally accept that WBPDCCL can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents.
4. We also confirm that we have noted the contents of this Bid and various documents forming part of it and have ensured that there is no deviation in filing our offer in response to the tender. WBPDCCL will have the option to disqualify us in case of any such deviations.

Place:

Date:

.....

Seal and Signature of the Prime Respondent

Annexure-4: Manufacturer Authorization Format (For Non-OEM)

(to be submitted filled up with Technical Bid)

Date:

To

The GM (IT&MIS)

WBPDCCL

Bidyut Unnayan Bhaban, 3/C, Block-LA, Sector-III,

Bidhannagar, Kolkata - 700 098.

Ref : Tender no. WBPDCCL /

Dear Sir,

1. Our company is a reputed manufacturer of (name & description of equipment), having manufacturing facilities at (address of manufacturing locations) and Indian/APAC head office at (address).
2. We hereby authorize M/S having their office at, to submit a bid and subsequently negotiate and sign the Contract, in their individual capacity with you against Tender No dated for the above products manufactured by us..
3. We are aware of the model numbers of our products quoted for this RFP and assure you that these are not end-of-life products. These model numbers are (product name & model numbers).
4. We are willing to provide a warranty of 3 year on the above mentioned model numbers from the date of supply.
5. We hereby confirm to you that the proposed products quoted shall not be declared end of life for a period of 5 years from the date of supply and shall be supported by us for a period of 7 years from date of supply and the necessary spares shall be made available during the same period.

.....

[Signature for and on behalf of Manufacturer]

Name :

Designation :

Yours faithfully,

(Contact Person)

(Designation)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer with full address, phone number, email, and website address, and should be signed by a person competent from the OEM.

Annexure-5: Product Support Commitment Declaration (For OEM)

(to be submitted filled up with Technical Bid)

Date:

To

The GM (IT&MIS)

WBPDCCL

Bidyut Unnayan Bhaban, 3/C, Block-LA, Sector-III,

Bidhannagar, Kolkata - 700 098.

Ref : Tender no. WBPDCCL /

Sub : Warranty & Support Continuity Declaration

Dear Sir,

1. Our company is a reputed manufacturer of (name & description of equipment), having manufacturing facilities at (address of manufacturing locations) and Indian/APAC head office at (address).
2. We declare that the model numbers of our products quoted for this RFP are not end-of-life products. These model numbers are (product name & model numbers).
3. We will provide a warranty of 3 year on the above mentioned model numbers from the date of supply.
4. We hereby confirm to you that the proposed products quoted shall not be declared end of life for a period of 5 years from the date of supply and shall be supported by us for a period of 7 years from date of supply and the necessary spares shall be made available during the same period.

Yours faithfully,

.....

[Signature for and on behalf of Manufacturer]

Name :

Designation :

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer with full address, phone number, email, and website address, and should be signed by a person competent from the OEM.

Annexure-5: Specifications and Compliance Sheet

To be submitted filling-up the following format

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
Video Wall /Display Cube	Resolution	SXGA or above	
	Functionality	Rear Projection Video Wall	
	Illumination System	LED Light Source	
	Lifetime	Min 80,000 Hrs in Eco Mode	
	Native Resolution	1280 X 1024	
	Screen type	AG screen, 3 layer FS: <0.7 mm; RS <0.1 mm	
	Aspect Ratio	4:3	
	Screen Options	FXS	
	Full Viewing Angle	180 degree	
	Brightness	Typ. 1000 Lumens	
	Light Source	LED	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
	Border	0 mm	
	Screen to Screen Gap	<0.7 mm	
	Brightness Uniformity	> 95%	
	Colors	16.7 million	
	Color Gamut	100% IBU	
	Image Alignment	Integrated 6-axis adjuster	
	Maximum Stacking	2 high	
	Operating Temperature	5°C - 40°C	
	Operating Humidity	10 to 80% RH non-condensing	
	Serviceability	Full Front Access	
	Inputs / Display (Minimum Interfaces) / Cube	2x Digital DVI-D /VGA	
	DVI-DVI cable length	15mtrs	
	Display Capabilities	PIP 3, resize, pan, scale, zoom, snapshot	
	Contrast Ratio Typ.	1800:1	
	Individual Cube Sizes (Diagonal)	67" or 71"	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
	Power Consumption (Opt./Typ./Eco)	Max : <350W Typ : <280W Eco : <230W	
Display Controller & Wall Management Software	General Functionality	<ul style="list-style-type: none"> • Capable to drive multiple cubes to form one large logical screen i.e video wall. • Capable of capturing, displaying and managing varied sources on the video wall. • Should have the flexibility to display local applications, network-streamed desktops, and direct-connected DVI, VGA and video inputs 	
	Chasis	Industrial Grade 19" Rack-mount	
	Application	24x7x365	
	Configuration	1*4 scalable to 2*4	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
		Matrix	
	Processor	Quad Core Processor , Clock Speed 2.80 GHz 0r above, Cache 6 MB or above	
	Operating System	Windows 64 Bit 7/8 Ultimate/ Windows2010 Server, Linux	
	RAM Type	DDR3 SDRAM	
	RAM Size	4 GB or higher	
	Output	5 no DVI/VGA output	
	HDD	500 GB	
	Removable Storage	1 x DVD-RW drive	
	USB Ports	4 No	
	LAN Ports	4 No. (Gigabyte Ports) IP V6 compatible	
	Power Supply	Dual redundant 240V AC 90~260V, 47~63Hz, 9/5A - Autoswitch Mains 50 / 60 Hz	
	Power Cable	2 No.	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
	Key board & Mouse Interface	USB	
	Extension cable for KB & Mouse	Up to 20 meter	
	Display Export	Software license for Desktop grabbing and Transport through the Network, Capture of at least 5 Desktops	
	Language Support	English	
	Display & Scaling	Display multiple sources anywhere on display up to any size	
	Input Management	All input sources can be displayed on the video wall in freely resizable and movable windows	
	Layout Management	Support all Layout from Video, RGB, DVI, Internet Explorer, Desktop and Remote Desktop Application Set any layout as Default layout to launch at Application Switch ON	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
	Control	Remote Control over LAN	
	Multi View Option	Multiple view of portions or regions of Desktop, Multiple Application Can view from single desktop	
	Remote Management	Simultaneously Control over user workstations	
	Multiple Concurrent Client	Yes	
	KVM support	Yes	
	Console View	Primary Display, Secondary Display, Full Desktop, Selected application or region	
	Cube Control	Control l the entire wall or a selected cubes from anywhere (local or Remote location) over LAN	
	Multi View Option	Multiple view of portions or regions of	

Item	Parameter	Value	Compliance (*To be stated in terms of "Yes/No") In case of non-compliance / higher specification, values or description to be provided)
		Desktop, Multiple Application Can view from single desktop	
	Authorization	Multi level i.e Admin, User, etc,	
	Console View	Primary Display, Secondary Display, Full Desktop, Selected application or region	
Network Enclosure	Floor Standing Network Enclosure to hold and make functional the Video Controller complete with <ul style="list-style-type: none"> • Power Distribution Unit • Cable Manager, • 4 Castor Wheels. • Side Panels • Front Glass Door • Rear Steel Door Height : 24 U Colour : Black	Make: Valrack/APW-president/Emerson	
Switch	24 Port Managed Ethernet Switch with 2 No. Fiber Uplink Ports and 2 No GE SFP, LC connector LX/LH transceiver	Make : Cisco	
UPS	UPS (On-Line Specification : On-Line, Output Power Capacity : 3500 Watts / 5000 VA Input : Single Phase 230 V AC	Make: APC/Emerson/Numeric	

Annexure-6: Site Compliance Certificate

(to be submitted filled up with Technical Bid)

Date:

To

The GM (IT&MIS)

WBPDCCL

Bidyut Unnyan Bhaban, 3/C, Block-LA, Sector-III,

Bidhannagar, Kolkata - 700 098.

Ref : Tender no. WBPDCCL /

Sub: Site Compliance Declaration

Dear Sir,

We hereby declare that

1. Our representative has visited the designated location at Bidyut Unnyan Bhaban, 3/C, LA-Block, Bidhannagar Kolkata-700098.
2. We declare that the equipment quoted for this RFP with all accessories can be transported & accommodated in the specified location without any special arrangement other than whatever has been mentioned in the RFP.

Yours faithfully,

.....

[Signature for and on behalf of Bidder]

Name :

Designation :

Note: This letter of authority should be on the letterhead of the bidder with full address, phone number & email.

Annexure-7 : Technical Bid Format

(To be submitted in a separate sealed cover marked:

Format for Submission of Particulars related to QR mentioned in Clause 17 to be provided by the Bidders:

Sl	Description/Clause No	Proof / Documents to be submitted
1	17.1.1	Relevant document to be submitted
2	17.1.2	Relevant document to be submitted
3	17.1.3	Relevant document to be submitted
4	17.1.4	Relevant document to be submitted
5	17.1.5	Relevant document to be submitted
6	17.1.6	Relevant document to be submitted
7	17.1.7	Relevant document to be submitted
8	17.2.1	Relevant document to be submitted
9	17.2.2	Relevant document to be submitted
10	17.2.3	Relevant document to be submitted

Annexure-8: Financial Bid Format

(To Be Submitted in a Separate Sealed Cover Marked:

Supply, Installation and Implementation of Attendance Management System at WBPDCCL (Financial Bid)

A. Scope of Work: Supply

Sl	Category	Warranty	Manufacturer	Part No /Product No	Unit	Qty	Rate(INR)	Tax Type	% Tax	Tax Amount (INR)	Total Cost (INR)
1	Hardware										
1.1	Display Cubes, 67" Diagonal , Rear projection, LED-illuminated ,SXGA, full front access, As per Specification	3 year			No	03					
1.3	Controller - Graphic Controller for the generation of ultra-high resolution desktop and interfaces with network with I/O interfaces To drive 4 SXGA Display Cubes (3 Installed + 1 Spare) As per Specification	3 year			Nos	01					
1.5	Wall Management Software With Proper License for Desktop grabbing and transport through the Network for Capture of minimum 5 Desktops	3 year			Set	01					
1.6	Cable DVI-DVI 15mtrs Cable	3 year			Nos	06					

WBPDCCL: RFP for Supply & Installation of Rear Projection Video Wall at Corporate Office of WBPDCCL

Sl	Category	Warranty	Manufacturer	Part No /Product No	Unit	Qty	Rate(INR)	Tax Type	% Tax	Tax Amount (INR)	Total Cost (INR)
1.7	Basement with complete mounting arrangement to mount 3 DLP Cubes to form a single Video Wall	3 years			Set	01					
1.8	24 Port Managed Ethernet Switch with 2 No. Fiber Uplink Ports and 2 No GE SFP, LC connector LX/LH transceiver	3 years	Cisco		Nos	01					
1.8	Floor Standing Network Enclosure to hold and make functional the Video Controller complete with <ul style="list-style-type: none"> • Power Distribution Unit • Cable Manager, • 4 Castor Wheels. • Side Panels • Front Glass Door • Rear Steel Door Height : 24 U Colour : Black	3 years	Emerson/ Valrack/ APW -President		Nos	01					
1.9	UPS (On-Line Specification : On-Line, Output Power Capacity : 3500 Watts / 5000 VA Input : Single Phase 230 V AC	3 years	APC/Emerson/Numeric		Nos	01					

B. Scope of Work: Service

SI	Category	Unit	Qty	Rate	Tax Type	% Tax	Tax Amount (₹)	Total Cost (₹)
1.1	Complete On-site Installation and Commissioning of Video Wall , Controller, Configuration of related Wall Management Software and Configuration of Network	Lump sum						
1.2	Comprehensive AMC for On-Site Service for 3 Years	Lump sum						
	Total Cost (A+B)							