

**NOTICE INVITING QUOTATION
FOR**

SUPPLY, INSTALLATION & COMMISSIONING

**OF FULL COLOUR LED DISPLAY BOARD
WITH**

**O & M SERVICES FOR DISPLAYING WBIDC MESSAGES ALONG WITH
COMMERCIAL ADVERTISEMENT UNDER PPP MODE**

AT

WBIDC, PROTITI BUILDING

AT

**23, ABANINDRANATH THAKUR SARANI
KOLKATA- 700 017**

NIQ No.WBIDC/CC/250/DH/2013-14/001

Date:09.09.2013

WBIDC

SECTION- I NOTICE INVITING QUOTATION UNDER PPP MODE

Office of issue	:	Managing Director, WBIDC
Tender No	:	WBIDC/CC/250/DH/2013-14/ 001 dated 09.09.2013
Tender Document	:	Details are given below
Due date/Time of receipt	:	16.09.2013 / 1400 hrs
Opening date/ time	:	19.09.2013/ 1400 hrs

INSTRUCTION TO BIDDER

Sealed tenders super scribing enquiry number and due date are invited on behalf of Managing Director , WBIDC, Protiti, 23 Abanindranath Thakur Sarani, Kolkata- 700 017 for Design, Development, Supply, Installation, Commissioning of one Software based out door, full colour PC driven Digital/ Full colour LED Display Board along with commercial advertisement under PPP mode with strong visual impact ,ultra clear picture illustrating high definition Video from reputed Kolkata and Eastern based agencies.

The Display Board shall have 12 pixel pitch and Screen, size 10 ft(w)x 7.5 ft(h) proper size, It will be PC/DVD based with EP Rom of suitable capacity having auto timing system built in it. The system should have the option of operating on UPS back up power supply. It should be day-visible.

The Board shall have to be installed / fixed at a suitable location on the outer face of WBIDC PROTITI Building so as to be clearly visible from all angles

Eligibility of bidder & General Conditions of Contract

Indian companies registered to take up tendered items of work and whose annual turnover in the last 5(five) financial years was a minimum of Rs.15 crore each year (to be substantiated by submission of audited balance sheet) with an average turnover of Rs.18 crore in past 5 (five) years, are eligible to participate in this tender.

1. The bidder should have experience for executing similar type of job with its eligibility conditions as described in detail in the tender document. Experience of installing full colour LED display boards for the Government of West Bengal and municipalities in West Bengal is a must.
2. The bidder should have an experience of installing at a minimum of 100 sq.mt. of full colour LED display boards across India.
3. The bidder should have executed a single Government job order of at least Rs. 1 Crore or above in the last 5 years FY relating to signages.
4. The bidder must produce the detailed infrastructure to handle post installation service, stock of spares, engineering skills during the warranty period which is same as the contractual period.
5. In case the bidder is not the manufacturer, it will have to submit Original Equipment Manufacturer tie- up certificate from the manufacturer.

6. No consortium of bidders is allowed in this tender process.
7. An import licence should be submitted if the product (OEM) is being imported from other country.
8. Enlistment of the bidder as an SSI unit certified by a State Government department will be preferred. (to be substantiated with appropriate documents).
9. The provision for commercial advertisement display will be 50% of total display period for each day and balance 50% time will be dedicated for dissemination of information by WBIDC. The slots will be equally distributed along the entire display hours/ per day.
- 10. In addition to the technical qualification and time share of 50% of total display time, all bidders may also indicate any other value addition such as rental per month for the said location.**

Pre Bid Meeting

A Pre Bid meeting will be held with the participating agencies on 13.09.13 in the second floor meeting room of WBIDC, 23 Abanindranath Thakur Sarani, Kolkata -700017.

The Bidder will have to submit Earnest Money Deposit (EMD) of Rs. 1 lakh in form of Pay Order/ Demand Draft drawn in favour of **West Bengal Industrial Development Corporation Limited payable in Kolkata.**

Interested bidders having eligibility to participate in the tender may download the copy of the tender document from www.wbidc.com. The tender fee will have to be submitted offline to the office of WBIDC, Protiti, 23 Abanindranath Thakur Sarani, Kolkata -700 017 prior to the due date of submission of the quotation. The quotation must be submitted in a large sealed envelope which should contain all relevant documents as required in the NIQ and must be signed with official seal of the bidder on all pages and must have the tender fee of Rs. 1000/- and the EMD of Rs. 1 lakh. Quotations received without the mentioned fees and EMD will be summarily rejected.

SPECIFICATIONS OF DAY LIGHT & NIGHT VISIBLE FULL COLOUR LED DISPLAY

SPECIFICATIONS:

Installation, Operation and Maintenance of Full colour LED Display Board at WBIDC.

1. Introduction:

The West Bengal Industrial Development Corporation is interested in procurement of a day and night visible Full colour LED Display Board (based on latest LED Display Technology) for installation within Kolkata for display of video, text & graphics along with current air quality, water quality and weather information. The system comprising LED display board, back ended with a computer server connected through RS 485/Ethernet with graphics text and suitable programming software for outdoor display with graphics & text. The salient features of the system are listed below.

2. Specification of Full colour LED Display Board

Design, manufacture, supply, commissioning / integration and maintenance of the Full colour LED Display Board and peripherals on PPP mode. The contractor has to arrange for mounting of the Full colour LED Display Board on road-side places provided by the Full colour LED Display Board including the civil and mechanical constructions required for mounting the Full colour LED Display Board and establishing electrical and electronic connectivity to the Full colour LED Display Board

2(A) . MAIN FEATURES:

1. Graphic, Animation and text message display.
2. Dedicated P.C. Server with key board for data entry.
3. Window/ linux based user Friendly software.
4. Easy in operation, and preparations of display information in graphics, animation and text base in desired Fonts (Alpha-Numeric).
5. Multi lingual text and user defined graphics,
6. Display of matter from imported files.

2(B) . WI-FI CONNECTIVITY

1. Wireless connectivity for data entry from the central command office to the sites. The said display system should be compiled with RAS with full secured control.
2. Feedback of the data reaching the display board at a Remote place unattended to ensure the prompt monitoring of the system.

3. TECHNICAL SPECIFICATONS:

3. 1. OVERALL DIMENSIONS OF THE FULL COLOUR LED DISPLAY BOARD

Height: 7.5ft

Width: 10ft

Depth: 2ft

Visibility Range: 200 Meters day time (min) or better colour of display: 256 shades of red, 256 shades of green, 256 shades of blue

Angle of vision: Horizontal 140 degrees , Vertical 110 degrees.

Visibility: Super day & night visible.

Technology: Current industrial grade embedded system.

Interface: Remote control via Ethernet, Internet for data communication.

Characters: Display Software.

Graphics: Very High Resolution.

Language support: English

3.2 Effects:

Stable, moving, flashing, scroll, Curtain, enter right, enter left, Customer defined, free draw on the copy board and transferable onto the Display Software for Any image import shall be available, including photographs, Computer System Software compatible with Windows/Linux or user friendly animation, line sketches, bar charting, and caricatures. Text (Alpha-Numeric) in user defined Fonts.

4. DISPLAY SOFTWARE

Display software should have the following features.

- 4.1. Provision to select data of choice from the control PC and display it in combination of text and graphics.
- 4.2. 1000 Pages for writing and saving text messages in page wise or scroll modes.
- 4.3. Selection of color, effect, speed, character – height, gap between lines and gap between characters, time of messages after it has appeared on the screen for all 1000 pages.
- 4.4 A screen equivalent to the display matrix where one can see while writing or editing as to show the front shall appear on the display. Color selections also provided on the screen.
- 4.5. Scheduler shall be provided so that the different sequences of combination of text messages, animation and time and temperature display can be selected for display at different times during the day. Scheduler shall have facility to add, delete, insert and save the sequences.
- 4.6. A log of various communication statuses shall be maintained for records.
- 4.7. The software shall have the provision of pass word protection so that the data cannot be tempered.
- 4.8. There shall be provision for selection, link check to determine the communication status; board reset facility to reset the display, if the sequence is to be interrupted for sending new message. The software shall indicate when the data has been successfully transferred.
- 4.9. It should be possible to make animation using flash and load the same to display board. No. of animations supported should be minimum 500.
- 4.10. All the animation shall be stored in the PC and which can be send to the display board processor flash memory on line. Acknowledgement for correct data from board should be available on console. The animation once transferred to the display memory can be selected for display in combination of text messages from the scheduler.
- 4.11. There shall be a facility to add, delete, insert new animation can be down loaded through Internet also.
- 4.12. It should be possible to send following type of file on the board to be displayed via remote, i.e. FLC, BMP, SFW, compress files.
- 4.13. The data transfer shall be totally online so that no flash RAM memory chip has to be removed to down load the animations or messages.

4.14. Display should support multi—display and it should be possible to edits each display separately.

4.15. There should be facility to display database file, table line in, and background play,

4.16. Playing schedule, multi-window and multi- task display synchronously.

4.17. Text support Word & Excell and supporting all the cartoon documents, mpeg, bmp, jpg avi, vod, swf, rm, ra, rmj, asf should be possible.

5. Installation and integration:

The eligible bidder will be required to configure the display system with PC and install at our site.

6. Terms and Conditions:

i) The safe delivery of the instruments to the respective site is the responsibility of the supplier.

ii) The eligible bidder is required to do the necessary civil and electrical site preparation for the purpose of satisfactory installation and operation of display equipment on turnkey basis.

iii) Compliance Statement: To facilitate quick evaluation of the proposals, the quotation may be submitted in a tabular form , a detailed compliance/non-compliance statement pertaining to all paras of these specifications. These technical specifications and other requirements are essentially required to be met fully by the bidder. Reason for non-compliance, if any, may also be given in detail. Details of compliance statement may be included.

iv) The supplier shall provide all testing equipment, special tools etc., along with diagnostic utilities required for the system integration, installation, testing/checkout, and during acceptance test of the system. The supplier will provide all cables and connectors required for installation and integration.

v) The supplier will demonstrate the capabilities of all software, and hard ware to the functionalities mentioned in the specifications, to the WBIDC officers as part of the acceptance test of the system.

vi) Guidelines for the preparation of the proposal: The supplier shall submit the proposal giving full technical details of every system and subsystem along with interface details. For convenience, of evaluating the proposals from different companies, the tender may follow the same numbering pattern as given in the specifications and indicate compliance or otherwise. He may however; give additional pares for submitting further details/information, if any. The tender shall submit an implementation plan indicating the proposed time schedule for system design, software development, procurement / fabrication of equipment, system installation, site preparation and training. The proposal shall be self-contained and shall enclose all the necessary details needed for its evaluation.

vii) All financial obligations, legal liabilities, with respect to this NIQ will be vested on the successful bidder.

viii) WBIDC will facilitate to obtain NOC and permission from all the relevant government authorities for installation of the Display system.

ix) The location will be determined jointly between WBIDC and the Successful bidder within the compound of PROTITI building along the boundary wall facing traffic coming from mother Teresa Sarani (Park Street).

x) Successful party should have to pay all the necessary license fees, advertisement fees to the relevant authority/municipal body as per prevailing rate.

xi) The installation process should be completed within 60 days from the date of issue of the installation order.

xii) Initial agreement period of the successful party will be 10 years from the date of successful installation at site.

xiii) The agreement will be signed within 15 days from the finalization of the tender.

xiv) WBIDC will facilitate to the successful bidders to obtain the electricity which they may need at the time of installation.

7) Documentation:

All documentation may be submitted in English language and in bound volume. It includes installation, details of system integration, and check out procedure, software logic diagrams, flow charts, explanation, operational and maintenance procedure etc.

8) Spares and Consumable:

The offer shall include the recommended list and prices of spare components, modules, etc., in sufficient quantities for maintenance of the system by the contractor. In addition the supplier may also indicate those items that are of special design and are not likely to be easily procured and shall quote for these items in quantities adequate for maintenance over the design life time of the equipment.

9) The successful bidder is required to complete above installation, integration and commissioning of the system within 60 days from the date of issue of installation order.

10) The system design should be modular and upgradeable to meet the future requirement.

11) Warranty: The successful bidder shall quote for comprehensive warranty on all software and hardware modules for the entire agreement period from the date of successful installation at site. Any break down period for more than 24 hrs shall be added to the warranty period.

12) The successful bidder should be ready to accommodate marginal changes in all software, and hardware in order to fulfill such requirements that may arise during the intervening period between preparation of this document and commissioning of the system.

13) The successful bidder may contact WBIDC officials on any working day for clarification, if needed before supplying the system and also obtain the necessary permission for repairing and maintenance of the LED Display board.

14) Technical capability of the firm needs to be proven by submitting a list of its clientele to ascertain the firm's technical competence along with performance certificate.

15) The EMD of the unsuccessful bidders will be refunded after 90 days from the date of opening of the bid and no interest will payable for that period.

INFORMATION TO BE GIVEN BY THE BIDDER

1.Name of the Bidder Firm/Company :
 2.Address :

Telephone No : Office
 Residence
 Mobile
 FAX

3.Registration particulars of the Firm/Company :
 viz. Proprietary, Partnership, Private Limited,
 Public Limited etc. (attach photocopy of the
 Certificate of Incorporation)

4.Name of Proprietor/Partner/Director signing the tender document.:

5.Name/Designation/Address of the Authorized :
 Signatory holding the Power of Attorney (if any)

6.Income Tax Return Particulars :

7.Permanent Account Number (PAN) :

8.Details of Experience :

9.Details of Technical Personnel :

Name Contact No.

Certified that the information given above is true and if any information is found to be false or misleading the tender /contract may be cancelled.

Name:

Signature
 (Capacity in which signed)

BID DOCUMENT:

4.1 The goods required, bidding procedures and contract terms are prescribed in the Bid Documents. The Bid Documents include:

Documents to be enclosed with the Bid Document
Notice Inviting quotation Instructions to Bidders Eligibility of Bidder & General Conditions of Contract Schedule of Requirements Technical Conditions of Contract (what Kind of technical design is proposed for the Display system, support, etc.). Audited balance sheet for last 5 years, Current IT Return, Experience Certificates Make, Model No. of the goods being offered in the tender shall be specified in the technical bid and the brochure of the equipment being quoted shall be enclosed. Details of similar nature/magnitude work executed–Service network, customer feed back Turnover Certificate of Minimum Rs.15 crores and average 18 crores. Bid Form Other documents asked for in the tender form Any other document as the bidder may wish to submit in support of the bid.

4.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bid Documents. Failure to furnish all information required as per the Bid Documents or submission of bids not substantially responsive to the Bid Documents in every respect will be at the bidders risk and shall result in rejection of the bid

CLARIFICATION OF BID DOCUMENTS:

A prospective bidder, requiring a clarification of the Bid Documents shall notify the purchaser in writing at the purchaser's mailing address indicated in the invitation for Bid. The purchaser shall respond in writing to any request for clarification of the Bid Documents, which is received not later than 7 days prior to the date for the submission of bids. Copies of the query (without identifying the source) and clarifications by the purchaser shall be sent to all the prospective bidders who have purchased the bid documents.

The contractor is required to visit the site and discuss the matter with the authorized personnel to get acquainted with the requirement and nature of job before submission of offer

DOCUMENT ESTABLISHING BIDDER’S ELIGIBILITY AND QUALIFICATIONS:

10.1 The bidder shall furnish, as part of his bid documents establishing the bidders eligibility, The following documents:

- I.Certificate of Incorporation.
- II.Articles of Memorandum of Association or Partnership Deed/Proprietorship Deed.
- III.Registration Certificate.
- IV.Annual turnover certificate

Certificate in respect of capability and experience

- a -----(work experience description)-----in Government/Semi Government organization.
- b. -----(work experience description)-----
- c. -----(work experience description)-----

10.2 The bidder shall furnish documentary evidence that he has the financial, technical and operational capability necessary to perform the contract.

10.2a. To judge the financial capabilities, the firm shall furnish balance-sheet of last five years showing turnover.

10.3 The equipment offered must should meet the technical specifications. Necessary document to substantiate this shall be submitted along with the offer by the Supplier.

Annexure-I

TECHNICAL DATA SHEET

Supply and O&M Full colour LED Display Board

Code Number:

Equipment Name: Day Light & Night Visible Full colour LED Display Board

Quantity: 1

WBIDC TECHNICAL SPECIFICATION

P12mm outdoor full color led screen	
Specification	Parameter
Pixel Pitch	12 mm
Pixel composing	2R1G1B
Density per sqm	6944 pixels
LED package	DIP 346
Wavelength(R)	625~630nm
Wavelength(G)	525~530nm
Wavelength(B)	470~475nm
Led Lamp type	Silan
Module size	192 mm*192 mm
Display resolution/module	16 dots*16 dots
Weight per cabinet	33Kg/pcs
Cabinet material	Steel(1.5mm thickness)
Protection classification	IP65(Front), IP54(Rear)
Wave Angle (H)	110°(H)/ 40°
Display color	256*256*256
Whiteness brightness	≥5000nits/sqm
Changing frame frequency	60 Hz
Refresh	400 Hz
Driving method	1/4 Constant Driving
Control way	Real Pixel
Max power/sqm	700W/sqm
Average power/sqm	400W/sqm
Signal and power connector	No connector(inside cable cabinet design)
Power supply	MW
Led fail rate(MTBF)	1‰
Working voltage	AC 220±10%50Hz or AC 110±10%60Hz
Short circuit protection	Yes
Working temperature	-20~50 centigrade
Working Humidity	10~90%
Out of control	1/10,000 (scattered)
Lifetime	100,000 hours
Environment	Outdoor
Install mode	Wallmount, upright post
Install Purpose	Fix installation
Control mode	Synchronous
Display port	DVI
Display mode	1024*768 /1024*1024