

PRASAR BHARTI  
BROADCASTING CORPORATION OF INDIA  
DIRECTORATE GENERAL: DOORDARSHAN

**Specifications for Teleprompter with PC**

Specifications No.: SD 14/2010

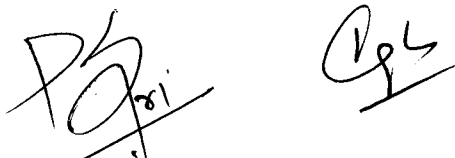
Dated: 16.06.2010

**1. SCOPE:**

The specifications describe the performance requirements of teleprompting device to be used in News & regular production Studio setup in Doordarshan Network. The system is required to be used as an aid to the News Presenter and Announcer of TV Programmes without going through the strenuous rehearsal and memorizing any lists and presenting them in a confident and eloquent manner. In addition, the presenter should be able to handle the last minute changes in the script and cue at the appropriate point with the help of this system. The equipment should consist of the following essential parts.

**2. GENERAL:**

- 2.1 **The offered equipment should be from an internationally reputed manufacturer and the quoted model should be field proven and in use by leading broadcasters. The bidder should essentially submit the list of the broadcasters to whom the quoted model has been supplied. The tenders without the proper user list shall liable to be rejected out rightly.**
- 2.2 The base station will consists of latest Pentium series desk top computer with a recent version of MS Windows environment operating system. In addition to the standard software, there will be CDAC - GIST based multilingual software, which enables prompting to be achieved in all major Indian languages. Tenderers are required to quote for all major Indian Languages fonts such as Hindi, Kashmiri, Urdu, Punjabi, Gurumukhi, Sanskrit, Sindhi, Gujarati, Marathi, Kannada, Malayalam, Tamil, Telugu, Oriya, Bangla, and Assamese etc. The details of regional language to be provided in each CG system is as detailed in **Appendix-I**.
- 2.3 The typical configuration for the teleprompter system shall be as under:
- (a) On camera prompter display unit with mirror and supporting accessories
  - (b) Desk Top Computer with all the essential accessories such as key board, mouse, Monitor etc., The computer will be loaded with a



latest version of MS Windows environment operating system for basic operation and Software for Prompting operations and multilingual text generation.

(c) An external unit which is connected to the computer through USB port and shall provide the video output for prompter monitor. This unit will also have a capability to operate independently to provide prompting output.

(d) Desk mounted Hand Control Unit with scroll wheel for speed control in forward & reverse direction of prompt output.

2.4 The bill of material is given in **Appendix-II**.

2.5 The equipment are being procured for various Doordarshan centres as per **Appendix-III**.

### **3. ESSENTIAL FEATURES:**

3.1 The prompting Software will run on the desktop PC. The prompting should be hardware based. The prompt card should be installed in an external unit connected to the PC through USB 2.0 interface. The scrolling and text speed control should be directly done from the prompt card.

3.2 The external unit will be powered independently and the unit will have storage capacity to store the script and should have the capability to continue prompting even in the case of PC failure.

3.3 The offered system should provide PAL analog video outputs which will be used for smooth scrolling the prompting text to the on-camera prompter monitor.

3.4 The prompt card will provide minimum 3 nos. of PAL composite video outputs.

3.5 A preview monitor of size 5" or better to facilitate the operator to view the output script as it appears to the presenter on the prompter monitor will also be the part of the offer.

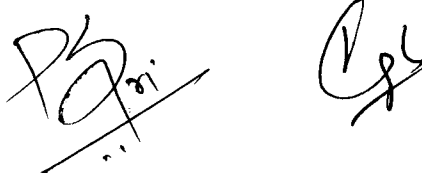
3.6 The offered system will also include one no. of 15" TFT based high-resolution video monitor for on camera prompting. The monitor should provide sharp, high contrast and high brightness displays for maximum legibility and clarity of texts.

3.7 The offered system will also include proper mounting arrangement for the on camera prompter assembly. The complete assembly should be



compact, light weight, with foldable slide mounting plate for easy assembly on the camera. This should be mains/DC operated. It should be possible to use it with all types of Studio/EFP cameras mounted with appropriate lenses. The offer should include all mounting accessories including extended wedge plate, support rod, inclined mirror assembly, hood etc.

- 3.8 Prompting software should allow on air editing of scripts elsewhere in run order without disturbing the script that is currently being read by the presenter.
- 3.9 In case of exigent situations the Prompting software should also allow on air editing of scripts in run order which is currently being read by the presenter.
- 3.10 The size of the letters and the fonts of the text should be changeable as and when required.
- 3.11 It should be possible to perform standard word processing task on the script.
- 3.12 It should be possible to import standard text files types such as word document, rich text format, plain text and Unicode text etc.
- 3.13 The run order of the items or pages should be interchangeable.
- 3.14 Speed control of the prompt output should be available from desk hand control and foot control.
- 3.15 The offered system should also include desk hand control with scroll wheel for speed control in forward/reverse direction of prompt output. It should also have buttons for previous and next item selection.
- 3.16 Facility for speed control should also be available from multiple numbers of speed controllers- hand/foot controls.
- 3.17 Language change-over should be instantaneous and within one or two operations.
- 3.18 It should be possible to take the hard copy of the script from the printer.
- 3.19 It should provide the interfaces to News Room Automation systems such as ENPS, iNews, Avstar, Autocue etc. It should also equip with MOS interface/ protocol.
- 3.20 Facility to time the script and count the words.

The image shows two handwritten signatures or initials in black ink at the bottom of the page. The signature on the left is more complex, possibly reading 'P. S. R.' with a horizontal line underneath. The signature on the right is simpler, possibly reading 'S. R.' with a horizontal line underneath.

3.21 Overlaying of messages for the presenter such as current date and time, on screen up/down count etc.

#### **4. TECHNICAL SPECIFICATIONS:**

##### **4.1 On Camera Display:**

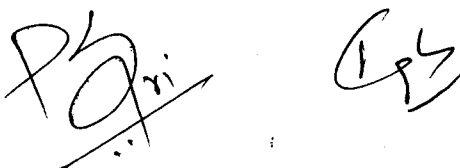
- (a) Display Device & size : 15" TFT Monitor
- (b) Brightness : 1600 nits or higher
- (c) Contrast Ratio : 400:1 or better
- (d) Resolution : 1024 x 768
- (e) Reading Range : 5 meter or better
- (f) Video input : 1x PAL Composite video, 1 Vp-p  $\pm$  3 dB, 75  $\Omega$  terminated BNC
- (g) Connector : 75  $\Omega$  BNC
- (h) Power supply : 230 $\pm$ 5% V AC, 50 Hz or DC -12V (Necessary adaptor to operate on mains should be offered)

##### **4.2 Preview monitor:**

- (a) Monitor size : 5" or better
- (b) Brightness : 300 nits or higher
- (c) Power supply : 230 $\pm$ 5% V AC, 50 Hz or DC -12V (Necessary adaptor to operate on mains should be offered)
- (d) Video input : 1x PAL Composite video, 1 Vp-p  $\pm$  3 dB, 75  $\Omega$  terminated BNC
- (e) Connector : 75  $\Omega$  BNC

##### **4.3 Hardware Configuration:**

The minimum hardware configuration of the envisaged system is as below. However, the bidder can offer a superior hardware configuration if required by the system & application software to ensure full performance of the offered product. The bidder must enclose a certificate that the offered hardware



configuration will ensure full performance of all the features available in the offered software.

<b>Sr. Nos.</b>	<b>Description</b>	<b>Parameter</b>
(a)	Processor	: Similar to Intel Pentium or higher processor
(b)	Keyboard	: Standard PS2 or USB
(c)	Mouse	: Optical 3 button with scroll wheel
(d)	Memory	: 2GB, DDR or better
(e)	System Hard Disk	: 80 GB SATA (7,200 rpm) or better
(f)	Optical drive	: Combo Drive
(g)	Network controller	: Integrated 10/100/1000 LAN
(h)	I/O interfaces	: 2 x Serial port, 4 x USB ports, 2x RJ45 port
(i)	Power Requirement	: 230±5% V AC, 50 Hz

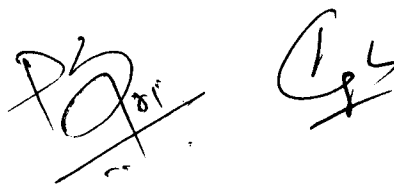
## **5. SOFTWARE**

All the necessary software required for proper working of the system is to be supplied in original and should be licensed to Doordarshan with perpetual validity.

## **6. COMPLIANCE**

- (a) Any substandard equipment included in the offer may cause the rejection of complete offer with the sole responsibility of bidder.
- (b) The firm should provide the offered un-priced bill of material in electronic form also in addition to the hard copy for ease of technical evaluation.
- (c) **A point-by-point compliance statement from the principal manufacturer in respect of all the points laid down in these specifications is to be enclosed along with the offer in the format given below. Mere signature on the copy of the specifications shall not be accepted as a compliance statement.**

**The figures so mentioned should be supported by record of these in the technical literature enclosed with the tender and reference**



**to the page number of enclosed literature for all features and technical specifications should be mentioned in the relevant column.** Offers without the compliance statement or with incomplete compliance statement will liable to be rejected with the sole responsibility of the bidder. **Any deviation from the specification detailed in the compliance statement is to be highlighted separately.**

Sr. No of DD specs.	DD specs.	Compliance (Yes/No)	Performance Fig. of equipment Offered.	Reference to the Page Number of enclosed literature	Deviations, in case of non-compliance	Optional items if any reqd. to make the sys. Compliant to DD specs.	Features in the offered Product which exceeds DD specs.

## **7. ACCESSORIES**

All the essential accessories, such as various types of connectors, AC to DC power adopters, power cords etc. are required to be quoted essentially. All the Optional items may be quoted separately. The firm must provide enough details about optional items to decide its utility.

## **8. DOCUMENTATION**

One set of printed technical and operation & maintenance manuals for all the equipments are to be provided on non-returnable basis along with the tender to facilitate the technical evaluation, otherwise the tender is liable to be ignored. The successful bidder will have to supply one set of printed operation, service and maintenance manuals with respect to the equipment.

## **9. GUARANTEE**

- (a) The system should be guaranteed for two years of trouble free operation from the date of supply. In case of any equipment failure including software and hardware within this period, the same shall be rectified or replaced free of cost to Doordarshan.
- (b) The guarantee should cover all hardware, software and modules of the complete system.

*P. Sri*      *Sh*

## 10. DEMONSTRATION

If necessary, the firm may be asked for demonstration of the offered system as part of the technical evaluation. In such case the firm will have to make suitable arrangement for the demonstration of the offered system at Doordarshan Bhawan, New Delhi, on notice of 7 days. Accordingly the firm should be in readiness for demonstration on a notice of 7 days.

## 11. INSPECTION

The equipment shall be subjected to inspection by Doordarshan officials at New Delhi.

## 12. ENCLOSURES

The bidder must necessarily submit the following enclosures along with the technical bid:

- (a) Compliance statement with respect to all the points of the specifications duly signed by the OEM.

The reference to the page number of enclosed literature for all features and technical specifications should be essentially mentioned in the relevant column of the compliance statement.

- (b) Technical manuals/Detailed technical literature/catalogues for all the offered products for substantiating the model no. and technical specifications.
- (c) **Model specific broadcast user list of the offered product.**
- (d) Any other document mentioned elsewhere in the tender document.

**The tender is liable to be rejected in the absence of the above enclosures with the sole responsibility of the bidder.**

\*\*\*\*\*



**DETAILS OF FONTS FOR THE VARIOUS LANGUAGES TO BE PROVIDED  
AT VARIOUS DOORDARSHAN CENTRES**



Sl. No.	Zone	Location of Doordarshan Centre	Fonts of the various languages to be provided
1.	<b>North Zone (NZ)</b>	Jammu	Hindi, English, Urdu, Kashmiri
2.		Chandigarh	Hindi, English, Punjabi (Gurumukhi)
3.		Bareilly	Hindi, English, Urdu
4.		Shimla	Hindi, English, Urdu
5.		Allahabad	Hindi, English, Urdu
6.		Mau	Hindi, English, Urdu
7.	<b>East Zone (EZ)</b>	Daltonganj	Hindi, English, Urdu
8.		Mujjafarpur	Hindi, English, Urdu
9.		Ranchi	Hindi, English, Urdu
10.		PPC Guwahati	Hindi, English, Assamese
11.		Siliguri	Hindi, English, Bengali
12.		shillong	Hindi, English, Assamese
13.		Tura	Hindi, English, Assamese
14.		Kohima	Hindi, English, Assamese
15.		Itanagar	Hindi, English, Assamese, Bengali
16.		Imphal	Hindi, English, Bengali
17.		Silchar	Hindi, English, Assamese, Bengali
18.		Dibrugarh	Hindi, English, Assamese
19.		Aizwal	Hindi, English, Assamese
20.		Agartala	Hindi, English, Bengali
21.		Sambalpur	Hindi, English, Oriya
22.	Gangtok	Hindi, English, Bengali	
23.	<b>South Zone (SZ)</b>	Gulbarga	Hindi, English, Kannada
24.		Pondicherry	Hindi, English, Tamil
25.		Vijayavada	Hindi, English, Telugu
26.	Portblair	Hindi, English, Urdu	
27.	<b>West Zone (WZ)</b>	Panaji	Hindi, English, Urdu
28.		Raipur	Hindi, English, Urdu
29.		Rajkot	Hindi, English, Gujarati
30.		Pune	Hindi, English, Marathi
31.		Indore	Hindi, English, Urdu

*P. Pri*

*Ag*

**BILL OF MATERIAL**

<b>Sl. Nos.</b>	<b>Details of Item</b>	<b>Quantity</b>
1.	PC with accessories including external prompter box	31 Sets
2.	On Camera 15" TFT Monitor alongwith mounting assembly including extended wedge plate, support rod, inclined mirror assembly, hood etc. complete in all respect	31 Sets
3.	5" or better Preview Video Monitor	31 Nos.
4.	Desk Hand Control	31 Nos.
5.	CD /DVD versions of all pre loaded and installed Software Pertaining to the product	31 Sets
6.	Associated cables and accessories	31 Sets
7.	Operation manual/User Guide/ Technical Manual/ Installation Manual etc.	31 sets
8.	Service & Maintenance Manuals	31 sets

**EQUIPMENT ARE BEING PROCURED FOR THE FOLLOWING  
DOORDARSHAN CENTRES**

<b>Sl. No.</b>	<b>Zone</b>	<b>Location of Doordarshan Centre</b>	<b>Qty.</b>
1.	<b>North Zone (NZ)</b>	Jammu	1 set
2.		Chandigarh	1 set
3.		Bareilly	1 set
4.		Shimla	1 set
5.		Allahabad	1 set
6.		Mau	1 set
7.	<b>East Zone (EZ)</b>	Daltonganj	1 set
8.		Mujjafarpur	1 set
9.		Ranchi	1 set
10.		PPC Guwahati	1 set
11.		Siliguri	1 set
12.		shillong	1 set
13.		Tura	1 set
14.		Kohima	1 set
15.		Itanagar	1 set
16.		Imphal	1 set
17.		Silchar	1 set
18.		Dibrugarh	1 set
19.		Aizwal	1 set
20.		Agartala	1 set
21.	Sambalpur	1 set	
22.	Gangtok	1 set	
23.	<b>South Zone (SZ)</b>	Gulbarga	1 set
24.		Pondicherry	1 set
25.		Vijayavada	1 set
26.		Portblair	1 set
27.	<b>West Zone (WZ)</b>	Panaji	1 set
28.		Raipur	1 set
29.		Rajkot	1 set
30.		Pune	1 set
31.		Indore	1 set
<b>TOTAL</b>			<b>31 sets</b>