



सत्यम् शिवम् सुन्दरम्

प्रसार भारती  
**PRASAR BHARATI**  
**(Broadcasting Corporation of India)**  
दूरदर्शन महानिदेशालय  
**Directorate General: Doordarshan**  
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**Doordarshan Bhawan, Copernicus Marg**  
नई दिल्ली - ११०००१  
**New Delhi - 110 001**

**File No. 19(2)2018-19E1 (P) TV**

**Dated: 10.07.2019**

**Subject:** Draft Specification for Procurement of Teleprompter with Laptop.

The Draft specification of the upcoming tenders is enclosed herewith to offer comments, if any and may also submit their budgetary quote by due date at e-mail address [ddpurchase401@yahoo.co.in](mailto:ddpurchase401@yahoo.co.in) or on following Address:

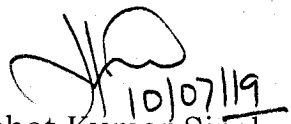
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Specification For: Draft Technical Specification for Procurement of Teleprompter with Laptop

Specification no: SD 13/2019 Dated: 08.07.2019

Due Date to offer Comments: 25.07.2019

Encl.: As above (10 Pages)

  
10/07/19  
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Assistant Engineer  
For DG: DD

PRASAR BHARTI  
BROADCASTING CORPORATION OF INDIA  
DIRECTORATE GENERAL: DOORDARSHAN

**Specifications for Teleprompter with Laptop**

Specifications No.: SD 13/2019

Dated: 08.07.2019

**1. SCOPE:**

The specifications describe the performance requirements of teleprompting system to be used in News & regular Studio/field based production setup in Doordarshan Network. The system is required to be used as an aid to the News Presenter/Anchor for confident presentation in 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.

**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 typical configuration for the offered teleprompter system shall be as under:

- (i) One set of Laptop computer with all the essential accessories such as key board, mouse, monitor etc. The Laptop 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. In addition to Hindi and English, CDAC - GIST based multilingual software, which enables prompting to be achieved in Urdu should be offered. The offered fonts should attributes like scalable font size, bold, italic and combination of these attributes.
- (ii) An external unit which is connected to the Laptop through network port and shall provide SDI video output for prompter monitor & preview monitor.



- (iii) One set of Desk mounted Hand Control Unit with scroll wheel for speed control in forward & reverse direction and buttons for previous and next item selection.
  - (iv) Two sets of on-camera prompter display unit having 17" TFT based high-resolution video monitor with mirror and proper mounting arrangement including hood, mounting bracket etc.
- 2.3 The bidders are required to quote regional language fonts as detailed in **Appendix-I**.
- 2.4 The indicative Bill of Material required is given in **Appendix-II**. The bidder is required to provide the complete list of items & accessories etc. offered to meet the specifications requirement in the following proforma:

Sr. No.	Description / Name of the item	Make	Model	Part No., if any	Qty.
1.	2.	3.	4.	5.	6.

- 2.5 The list of Doordarshan centers for which the equipment are being procured is given in **Appendix-III**.
- 2.6 Any substandard equipment included in the offer may cause the rejection of complete offer with the sole responsibility of the bidder.

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

- 3.1 The prompting Software should provide the interfaces to third party News Room Automation systems such as ENPS, iNews, Octopus, Dalet etc. via a MOS protocol.
- 3.2 If any story is edited in News Room Automation systems, it should be immediately updated in the offered teleprompter system.
- 3.3 The prompting Software should run on the offered Laptop.
- 3.4 The offered system should provide a suitable interface for smooth scrolling the prompting text to the on-camera prompter monitor.
- 3.5 A preview monitor of size 7" approx. to facilitate the operator to view the output script, as it appears to the presenter on the prompter monitor will also be part of the offer.
- 3.6 The offered system will also include one no. of SDI 17" TFT/LED 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 text.

- 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. It should be possible to use it with all types of Studio/EFP/ ENG cameras mounted with appropriate lenses.
- 3.8 The offer should include all mounting accessories including extended wedge plate, support rod, inclined mirror assembly, hood etc. of good quality.
- 3.9 As the system is to be used in field conditions also, it should offer perfect balance for teleprompter as well as camera. It should have the flexibility to adjust the height of monitor so as to suit the presenter without disturbing the camera balance.
- 3.10 Prompting glass should give clear image without ghosting to presenter without compromising the video quality.
- 3.11 The prompting system should emphasize portability and allow quick set-up & dismantling as per the field conditions.
- 3.12 Proper Safety features must be incorporated in the system design as it has to be used for VVIP's.
- 3.13 In case of exigent situations, the 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.
- 3.14 The size and Color of the letters and the fonts of the text should be changeable as and when required.
- 3.15 It should be possible to perform standard word processing task on the script.
- 3.16 It should be possible to import standard text file types such as word document, rich text format, plain text and Unicode text etc.
- 3.17 The run order of the items or pages should be interchangeable.
- 3.18 The offered system should be capable of providing speed control of the prompt output from desk hand control and foot control. However, the offered system should include only 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.
- 3.19 Language change-over should be instantaneous and within one or two operations.
- 3.20 It should be possible to take the hard copy of the script from the printer.



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

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

- (a) Display Device & size : 17" TFT/LED Monitor
- (b) Brightness : 1500 nits or higher
- (c) Contrast Ratio : 1000:1 or better
- (d) Resolution : 1280 x 1024
- (e) Reading Range : 5 meter or better
- (f) Video Input : SDI on BNC
- (g) Control Interface : RJ45
- (h) Power supply : 230±5% V AC, 50 Hz or  
DC -12V (Necessary adaptor to operate on  
mains should be offered)

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

- (a) Monitor size : 7" approx.
- (b) Brightness : 300 nits or higher
- (c) Power supply : 230±5% V AC, 50 Hz or DC -12V  
(Necessary adaptor to operate on mains  
should be offered)
- (d) Video input : 1 x SDI on 75 Ω BNC

##### **4.3 Hardware Configuration of Laptop :**

The offered Laptop shall be from a reputed manufacturer only, having Pan India service centers / Network. The minimum hardware configuration of the envisaged Laptop 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)	Display Size	: 14" or better
(b)	Processor	: Similar to Intel Core i7 or better
(c)	Keyboard/Touchpad	: Standard



- (d) Mouse : Optical 3 button with scroll wheel
- (e) Memory : 8GB, DDR or better
- (f) System Hard Disk : 1 TB SATA (7,200 rpm) or better
- (g) Graphics : supporting OpenGL 3 or Software compatible
- (h) Network controller : Integrated 10/100/1000 LAN
- (i) I/O interfaces : Serial port, USB ports, RJ45 port
- (j) Power Requirement : 230±5% V AC, 50 Hz

#### **5. SOFTWARE:**

- (a) All the necessary software required for proper working of the system is to be supplied in original with **latest version** and should be licensed to Doordarshan with perpetual validity.
- (b) The bidder will provide up-gradation of all the offered software free of charge during the guarantee period. **The bidder will be required to give undertaking to this effect along with the bid.**

#### **6. COMPLIANCE:**

- (a) **A point by point full compliance statement in respect to all the parameters related to the concerned equipment/item(s) laid down in the specifications from the respective principal manufacturers is to be enclosed along with the offer in the format given below. Mere signature on the copy of DD 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.
1	2	3	4	5	6	7	8

- (b) In addition to above, a separate point by point compliance statement duly signed by the bidder in respect of all the points laid down in the specifications for all the equipment/item(s) should also be submitted alongwith the bid by the bidder in the above mentioned proforma.

#### 7. ACCESSORIES:

All the essential accessories, such as 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. TECHNICAL LITERATURE:

One set of technical manuals/brochures for all the equipment are required to be provided along with the tender to facilitate the technical evaluation, otherwise the tender is liable to be ignored. The successful bidder will have to supply a set of technical, user and installation manuals with respect to each of the equipment.

#### 9. DEMONSTRATION:

If necessary, the bidder may be asked for demonstration of the offered system as part of the technical evaluation. In such case the bidder will have to make suitable arrangement for the demonstration of the offered system at Doordarshan Bhawan, New Delhi, on notice of 15 days. Accordingly the bidder should be in readiness for demonstration.

#### 10. GUARANTEE:

- a) With reference to the clause no.8.2 of the "General Terms And Conditions (GTC)" under ANNEXURE-II of tender document, the complete system including all items/equipment should be guaranteed for **three years** of trouble free operation from the date of commissioning. In case of any item or equipment failure including

software and hardware within this period shall be rectified or replaced free of cost to Doordarshan.

- b) The guarantee should cover all hardware, software and modules of the complete system.

**11. DELIVERY PERIOD:**

The delivery period will be 03 months.

**12. INSPECTION:**

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

**13. ENCLOSURES:**

The bidder must necessarily upload the following documents along with the technical bid:

- a) An undertaking as required vide clause no. 5(b).
- b) Compliance statement with respect to all the points of the specifications duly signed by the OEM should be submitted for offered equipment/item(s) in the proforma mentioned in clause no. 6.(a). 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.
- c) A separate point by point compliance statement duly signed by the bidder in respect of all the points laid down in the specifications for the offered equipment/item(s) in the proforma mentioned in clause no. 6.(b).
- d) Technical manuals/detailed technical literature/catalogues for the offered equipment/item(s) for substantiating the model no. and technical specifications.
- e) Model specific user list of the offered product(s).
- f) 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.**

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**Appendix-I**

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

<b>Sl. No.</b>	<b>Zone</b>	<b>Location of Doordarshan Centre</b>	<b>FonTS of the various languages to be provided</b>
1.	<b>North Zone (NZ)</b>	DD News, Delhi	Hindi, English and Urdu
2.		CPC, Delhi	Hindi, English and Urdu



**Appendix-II****Suggestive Bill of Material**

<b>Sl. No.</b>	<b>Details of Item</b>	<b>Quantity</b>
1.	Laptop with all standard accessories (Charger/power adapter etc.) including external prompter box/unit connected to the laptop through LAN or any suitable interface and shall provide the SDI (Without any external conversion) output for prompter monitors.	04 Sets
2.	On Camera 17" TFT/LED SDI /IP based prompter monitor along with mounting assembly including extended wedge plate, support rod, inclined mirror assembly, hood etc. complete in all respect	08 Sets
3.	7" approx. Preview Video Monitor	04 Nos.
4.	Desk Hand Control	04 Nos.
5.	CD /DVD or any other media with all pre loaded and installed Software Pertaining to the product	04 Sets
6.	Associated cables and accessories	04 Sets
7.	Operation manual/User Guide/ Technical Manual/ Installation Manual etc.	04 Sets



**Appendix-III**

**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>	CPC, Delhi	1 Set
2.		DD News, Delhi	3 Sets
		<b>TOTAL</b>	<b>4 Sets</b>

