

1. **Name of work**

विषय

**Specification**

[6&132@07&,u-vkj-l-h-i-h-ch-779@8](mailto:6&132@07&,u-vkj-l-h-i-h-ch-779@8)

Preparation of Film of Various activities of NRCPB(Audio-Visual)

**08-02-08**

**Preparation of Film of Various activities of NRCPB(Audio-Visual)**

**Components:**

1. Duration: (20-25 minutes, one & 1hr-2 hrs one), English & Hindi (respectively).
2. Coverage of all 6 Areas of research of NRCPB and Lab activities of all the funded projects.
3. Fields of various mandate crops.
4. Interview of all PI (6-7).
5. Background commentary (English & Hindi).
6. Visit to experimental sites.
7. The quotation should include: Research, concept script writing, Production, Direction, Sound recording, Editing, Finalization of products. Products of DVD's & their duplications.

**Terms and conditions:**

1. The offer is acceptable only from the Producers who have executed at least 10 Broadcast Quality films during last three years. Testimonies to the successful execution should be attached.
2. All offers should be accompanied by the appropriate EMD of Rs. 10,000/- by bank draft/pay order
3. The offer must include:
  - a. Signed declaration that the rates quoted are the lowest quoted to any other buyer of same film
  - b. Representative Institutes list for which such films had been made by the producers along with contact numbers for reference.
  - c. Company profile with special reference to execution of similar works
4. Firm should provide Producer/ Directors CV along with DVD of work done in field of Agriculture Biotechnology for other government institutions.
5. Final payment will be released after successful demonstration of working of the film.
6. The budget should be inclusive of expenses for making two versions of the film.
  - a. 20-25 minutes - Overview of the activities at NRCPB. 1-2hr film – Detailed activities in different labs at NRCPB. With background commentary separately in English & Hindi (versions) & the Film to be shot on Digi Beta format.

**Note:** D.D sum of Rs.10000- may kindly be enclosed in favour of Project Director, N.R.C.P.B.

fnukd%28@01@08

**2 Films.**

2. fefl y l d; k  
mi dj.k dk uke  
vfire frffk  
Specification

[6&100@07&,u-vkj-l h-i h-ch 787@14](mailto:6&100@07&,u-vkj-l h-i h-ch 787@14)

fnukd%28@01@08

i h-l h-vkj jh; y VhÅej

**08-02-08**

### **Real Time PCR**

An automated system for both real time PCR and post PCR analysis. Excitation Quartz tungsten-halogen source lamp, 5 position excitation filter wheel, 350 to 750 nm, Emission range : 350 to 700 nm. Detector : Single scanning photomultiplier tube (PMT), 5 position detection filter wheel, Filters: Customizable filter wheel with five user-selected filters (excitation and detection). Thermal system: Solid state, Peltier –based, 96 –well block system. Temperature uniformity: +/- 0.25°C at 72°C. Amplification rate: Capable for standard 40 cycle 2-step QPCR reaction completed in 90 minutes. Detection capability down to single-copy equivalent. Embedded computer to collect and save experiment data. Sample format: Standard 96-well plates, 8-strip tubes, 200 ul tubes, optimized for 25 ul reactions. Intel mobile Pentium data processor of more than 2 ghz/ 945 Intel chip set/512 mb DDR RAMp/ 15 inch wide LCD/Display screen. Ethernet interface and blue tooth. 2KVA on line UPS.

### **Software:**

Multiplex up to 5 dyes simultaneously with customer-selected filter set. Monitor real-time amplification plots and data analysis during a PCR run. Perform multiple sub-experiments on a single plate. Ability to start a run in one step using experiment type defaults. Flexible analysis options: amplification plots, scatter plots, standard curve charts, fluorescence intensity, final call results, melting curve, annealing range and text report. View all dyes for multiplex experiments on one amplification plot and/or standard curve chart or view individual plots for each individual dye. Allelic discrimination by threshold cycle or by endpoint fluorescence values with auto-call feature. Export chart and text report data directly from display screen to Microsoft excel, Powerpoint, text and image files.

**Note:** EMD a sum of Rs.30000- in the form of D.D may kindly be enclosed in favour of Project Director, N.R.C.P.B.

**One No.**