

## SPECIFICATION

### I) Video fibroscope specification

Probe diameter-	8 mm
Cable length alongwith probe-	3000 mm
Deflection -	4 ways
Up/down and Left/right	range 0-120 degree minimum
With storage case	
Measurement-	Capable to measure actual size of object during operation
Image Sensor	Charge Coupled Device (CCD) based

### II) Pack (Portable)

Integrated with high performance light source.  
 Easy to use system  
 Colour monitor approximate size 6.5" or more  
 Video recording of minimum 60 minutes on unit pack  
 Minimum resolution of image 640x480 pixel and Minimum resolution video 800 x 600 pixel  
 Light weight to handle/carry (Maximum 8 Kg.)  
 Rechargeable battery with minimum 2 hours operation in single recharge with battery charger  
 Drive capacity minimum 2 GB  
 Still image  
 Video clips  
 USB port  
 Protective & durable carrying box.  
 Interchangeability of insertion probe with the base unit (display unit)

Vendor should indicate any other operating/ environmental requirement for safe and trouble-free operation of system and also any specific requirements of the system for continuous operation over prolonged periods as may be required in process monitoring/control applications.

Vendor should quote recommended items also, which are not mentioned in the specification.  
 Vendor shall have service facility in India.

### III) COMMISSIONING AND TRAINING:

Imparting necessary training on use of the equipment at BHEL, Haridwar works during commissioning.

### IV) WARRANTEE:

Warrantee for the performance of at least 12 months period from the date of successful commissioning.

V) ANNUAL MAINTENANCE CONTRACT(Optional) : Party may also quote for Annual Maintenance Contract charges for period beyond expiry of the warrantee. AMC charges shall not be considered for price comparison purpose.

**VI) PRE-QUALIFICATION REQUIREMENT (PQR) :**

Only those suppliers should quote, who have supplied and commissioned at least one similar equipment in the last five years (prior to date of floating of tender) and referred equipment is working satisfactorily for more than one year after commissioning.

Performance certificate issued from customer is required to be submitted along with the bid. The date of issue of certificate should not be earlier than two years prior to date of floating of tender and it should mention that equipment is working satisfactory for more than one year after commissioning.

Additionally, the following information is to be submitted by the vendor about the companies where similar equipments have been supplied.

- a. Name of the customer/company, model detail and no. of equipment supplied
- b. Complete postal address of the customer.
- c. P.O.No., date, scope of supply and Month & year of commissioning.
- d. Name and designation of contact person of the customer
- e. Phone and e-mail address of the contact person of the customer

अभिनव  
9/7/18

अभिनव गुप्ता

अवस्थापक प्रबंधक (उत्पत्ति)

(Arvind Kumar Swami)  
Sr. Mgr. (QC-F)