

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" or more
 Video recording of minimum 60 minutes on unit pack
 Minimum resolution of image 800 x 600 pixel and Minimum resolution video 640x480 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 shall give single price quote for complete functioning equipment.
 Replaceable spares shall be separately quoted for reference only. This information will not be considered for price comparison purpose.
 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) WARRANTY:

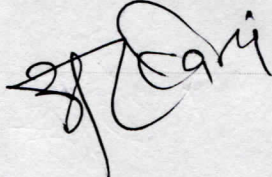
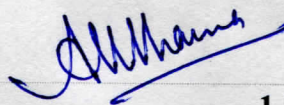
Warranty for the performance of at least 12 months period from the date of successful commissioning. Warranty certificate shall be submitted by the vendor.

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

VI) OPERATIONAL MANUAL:

3 copies of operational manual shall be submitted along with offer.

Vendor to submit pointwise reply against all the criteria mentioned in this specification along with the offer.

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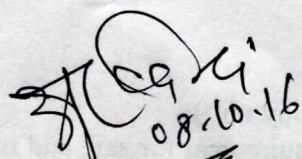
VII) PRE-QUALIFICATION REQUIREMENT (PQR) :

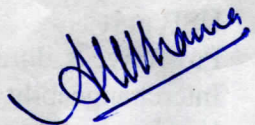
Only those suppliers should quote, who have supplied and commissioned at least one similar equipment in the last five years (prior to date of floating of tender) and referred equipment is working satisfactorily for more than one year after commissioning.

Performance certificate issued from minimum one customer is required to be submitted along with the bid. The date of issue of certificate should not be earlier than three 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, Month & year of commissioning.
- d. Name / designation of contact person of the customer.
- e. Phone / e-mail address of the contact person of the customer


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


(A. K. Sharma)
Sr.DGM (QC-F)