

ANNEXURE 1: I**A. Capacity Details of Machines (Single Lever Arm Creep Testing Machine with Accessories and Spares)**

Manufacturing Capacity (Major Machines with Quantity)	Type of Major Machines	Quantity
Pls Specify	Pls Specify	Pls Specify
Machines Supplied during last 5 Years (Year wise with quantity)	Scheduled Supply Period	Actual Supply Period
Pls Specify	Pls Specify	Pls Specify
Outstanding Order Book Position(Type of Machines and Name of Customers)	Pls Specify	
Liquidation plan of all machines including BHEL machines under consideration of ordering	Pls Specify	

****Note:** Rows/Columns may be added, if required.

ANNEXURE-2: I

Details of the orders executed for last 5 years from the date of enquiry for the Single Lever Arm Creep Testing Machine:

Sl. No.	Details of the equipment/ system: Model number, capacity and other major details	Details of the customer: Name of the organization, Contact person: Name, E-mail, Phone Number, Fax	P.O. No & Date	Delivery Date	E &C Date		Present condition of the system/ equipment; (In continuous operation since dd/mm/yyyy must be mentioned)	Whether AMC was taken (Yes/ No)
					Start Date	End Date		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

NOTE: BHEL will carry out independent verification of performance certification. Hence, prospective bidders are required to give only reference of those customers who are willing to confirm independent verification and not refrain from the same on the grounds of confidentiality.

ANNEXURE-3: IA**UN-PRICED BID FORMAT FOR SINGLE LEVR ARM CREEP TESTING MACHINES– INDIAN SUPPLIER**

Enquiry Description	Enquiry No	Enquiry Date	Supplier's Name and Address

S. No.	Item Description	Units	Qty	Unit Rate, INR (Rs.)	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL.1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.0	Deliverable Items**					
1.1.0	Supply, Demonstration and user training of Single Lever Arm Type Creep Testing Machines with Accessories and Spares	Lot	15	Quoted	Quoted	
1.1.1	Load Frame	Nos	15	Quoted	Quoted	
1.1.2	Motorized Draw Head Assembly to maintain lever horizontality	Nos	15	Quoted	Quoted	
1.1.3	Furnace	Nos	15	Quoted	Quoted	
1.1.4	PID Temperature Controller	Nos	60	Quoted	Quoted	
1.1.5	Thyristor Power Control Units	Nos	45	Quoted	Quoted	
1.1.6	Pull Rods, Universal coupling, Grips, Adapter and Fixtures	Set	15	Quoted	Quoted	
1.1.7	Weights	Set	15	Quoted	Quoted	
1.1.8	Extensometer	Nos	15	Quoted	Quoted	
1.1.9	Strain Measuring Instruments	Sets	30	Quoted	Quoted	
1.1.10	Data Logging System	No	1	Quoted	Quoted	
1.1.11	Data Analysis system with Hardware Interface	No	1	Quoted	Quoted	
1.1.12	Calibrated Load-Cell Unit	No	1	Quoted	Quoted	
1.1.13	Calibration Certificates	No	1	Quoted	Quoted	
1.1.14	Others, if any			Quoted	Quoted	
1.2.0	Spares Items for 15 Nos of Creep Machines	Lot	1	Quoted	Quoted	
1.2.1	Load Train Assembly (Pull rods, Universal Coupling)	Set	5	Quoted	Quoted	
1.2.2	PID Temperature Controller	Nos	15	Quoted	Quoted	
1.2.3	Thyristor Power Control Units	Nos	15	Quoted	Quoted	
1.2.4	Rod Type Extensometer	Nos	10	Quoted	Quoted	
1.2.5	Displacement Measurement System/ Digimatic Indicator	Nos	15	Quoted	Quoted	

S. No.	Item Description	Units	Qty	Unit Rate, INR (Rs.)	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.2.6	Beam Leveling Motors with gear assembly	Nos	5	Quoted	Quoted	
1.2.7	Beam Leveling Sensors	Nos	5	Quoted	Quoted	
1.2.8	Furnaces	Nos	10	Quoted	Quoted	
1.2.9	Tube Adaptors	Nos	5	Quoted	Quoted	
1.2.10	Data Logger System	No	1	Quoted	Quoted	
1.2.11	Creep Furnace Control panel	Nos	5	Quoted	Quoted	
1.2.12	Adaptors / Grippers for Tensile Specimens	Set	10	Quoted	Quoted	
1.2.13	Adaptors for Flat Samples with thickness 2 to 9 mm	Set	10	Quoted	Quoted	
1.3.0	Other recommended spares (if any)	Lot	1	Quoted	Quoted	
1.4.0	Other (Misc.) charges					
1.4.1	Packing and Forwarding charges	Lot	1	Quoted	Quoted	
1.4.2	Sub Total					
1.4.3	Excise Duty (ED)	%	1	Quoted	Quoted	
1.4.4	Sub Total				Quoted	
1.4.5	Taxes/duties, CST/ VAT, Form 'C' will not be issued.	%		Quoted	Quoted	
1.4.6	Sub Total (EXW Price)				Quoted	
1.4.7	Charges for Loading at supplier's works, incl taxes, if any	Lot	1	Quoted	Quoted	
1.4.8 a	F.O.R Charges (Freight & Insurance, entry tax, octroi, etc). to BHEL R&D Stores, incl. taxes	Lot	1	Quoted	Quoted	
1.4.8 b	For ex-works shipment, Freight and Insurance charges shall be added based on Weight/ dimensions (to be filled by BHEL)	Lot	1	BHEL	BHEL	
1.4.9	Unloading charges at BHEL R&D Stores, (to be filled by BHEL)	Lot	1	BHEL	BHEL	
1.5.0	Total Price (Delivery to BHEL Stores)(1.4.6+1.4.7+1.4.8 a or 1.4.8b +1.4.9)					
2.0	Training at OEM works (Refer annexure 4 IA)	Lot	1	Quoted	Quoted	
2.1	Service Tax	%		Quoted	Quoted	
2.2	Sub Total				Quoted	
3.0	Erection and Commissioning at BHEL R&D,Hyd					
3.1	Erection and Commissioning	Lot	1	Quoted	Quoted	
3.2	Demonstration at site of installation	Lot	1	Quoted	Quoted	
3.3	Post-installation training	Lot	1	Quoted	Quoted	
3.4	Sub Total				Quoted	
3.5	Service Tax	%		Quoted	Quoted	
3.6	Sub Total				Quoted	

**** Items may be quoted in same format only as per actual nomenclature and part numbers with quantity and unit price at appropriate location. All columns to be filled. If any item does not carry any value it must be mentioned as zero (0).**

#Actual taxes/ rates as applicable at the time of placement of Purchase Order

Note:

1. BHEL R&D do not issue 'C' form. Suppliers are requested to submit their bids clearly stating applicable taxes/duties and fill the applicable Excise duty, CST/VAT and Service tax as % and actuals for the items.
2. In case any Taxes/ Duties exempted, a self-declaration for the same may be attached to the offer along with support document.
3. Please note that we are availing Input Tax Credit on Service Tax to the tune of 14.5% against the current prevailing Service tax rate of 15%, i.e., we will be considering 0.5% of Service tax rate while arriving at the calculation of landed cost to BHEL. Service Tax shall be released on submission of proof of remittance. Income tax will be deducted as per Income tax act 1961, Please furnish PAN No and Service tax registration no.
4. Central Excise Duty Exempted as per Government Notification No. 16/2007-Central Excise dated 01-Mar-2007; valid for shipments up to 31.03.2017 and is under renewal.
5. The current procurement is under Government of India funded project. Concessional taxes/duties, if any, available to BHEL as on date of price bid opening shall be taken into account for evaluating landed cost.
6. Hence All offers shall be evaluated at concessional rates of duties in case the registration certificate is renewed or Government of India funded project concessions available, if any, on or before opening of price bid date or otherwise it shall be evaluated with quoted/prevaling rates as on date of price bid opening for landed cost comparison. However, all suppliers have to accept Concessional taxes/duties in case if the same is available to BHEL as on date of dispatch.
7. Suppliers are requested to quote on FOR BHEL (R&D) Stores, Hyderabad. In case of EXW, Please specify the Works address.
8. This Un-Price bid format should be submitted along with Techno-Commercial Bid.
9. Unit rate of spares shall have validity of 5 years post stipulated warranty period.
10. Basic equipment value is defined as price of equipment with accessories and auxiliaries (if any), excluding spares
11. Rates to be quoted in figures with corresponding words.
12. Supplier's undertaking: I/We have read and understood the NIT terms and conditions.

ANNEXURE- 4: IA**UN-PRICED BID FORMAT - TRAINING CHARGES AT OEM WORKS**

Training charges* (per day basis)	For One BHEL Engineer (To be quoted as % of basic equipment value)	For Two BHEL Engineers (To be quoted as % of basic equipment value)
1st day	Quoted	Quoted
2nd day	Quoted	Quoted
3rd day	Quoted	Quoted
4th day	Quoted	Quoted
5th day	Quoted	Quoted
Sub Total		

*** Rows may be added/ deleted as required, according to training schedule**

NOTE:

- Basic equipment value is defined as price of equipment with accessories and auxiliaries (if any), excluding spares
- Travel and hospitality for BHEL engineers will be to BHEL's account.
- Detailed training at OEM works / factory has to be provided by factory engineer to BHEL officials on working of all modes of the equipment along with the accessories.
- Training should also be provided on safety features, task to be performed in case of emergency, etc.
- Detailed training schedule must be submitted along with the bid.
- All Offers shall be evaluated for the training charges quoted for the total no. of days. However, payment shall be released on actual no. of days of training undergone by BHEL Engineer(s) at supplier's works.
- The above training charges at actuals, shall be released after completion of E&C along with 20% supply value stage payment.
- Please note that we are availing Input Tax Credit on Service Tax to the tune of 14.5% against the current prevailing Service tax rate of 15%, i.e., we will be considering 0.5% of Service tax rate while arriving at the calculation of landed cost to BHEL. Service Tax shall be released on submission of proof of remittance. Income tax will be deducted as per Income tax act 1961, Please furnish PAN No and Service tax registration no.
- Rates to be quoted in figures with corresponding words.
- Supplier's undertaking: I/We have read and understood the NIT terms and conditions.

ANNEXURE-5: IA

UN-PRICED BID FORMAT
ANNUAL MAINTENANCE CHARGES (AMC)- Non-Comprehensive Type only
(SPARES excluded)

AMC charges after stipulated Warranty for	To be quoted as % of Basic Equipment Value
1st Year	Quoted
2nd Year	Quoted
3rd Year	Quoted
4th Year	Quoted
5th Year	Quoted

NOTE:

- a) Basic equipment value is defined as price of equipment with accessories and auxiliaries (if any), excluding spares.
- b) During AMC service, 2 routine visits per a year, each visit shall include general service and maintenance, calibration (if any), etc. and breakdown visits (as and when required) have to be made for ensuring continuous operation of the system/ machine
- c) The service personnel should report within 3 days for attending the problem during emergency visit as a part of AMC.
- d) All software upgrades have to be provided free of cost during AMC period.
- e) The AMC charges will be paid on half-yearly basis after completion each half year of the AMC service period and with submission of service report along with the original invoice as per the terms and conditions of Letter Order during AMC period. These charges will be paid within 30 days from date of submission of service report and original invoice.
- f) AMC Order(s) may be placed after expiry of standard warranty quoted at the unit rate(s) quoted. The AMC charges Quoted shall be firm and valid for the period quoted.
- g) If during the AMC period there is any breakdown of the equipment for a duration beyond 7 days from the date of reporting, AMC period will be extended by that duration. This should be complied by the vendor
- h) AMC Charges quoted for the total number of years shall be considered for landed cost comparison.
- i) Please note that we are availing Input Tax Credit on Service Tax to the tune of 14.5% against the current prevailing Service tax rate of 15%, i.e., we will be considering 0.5% of Service tax rate while arriving at the calculation of landed cost to BHEL. Service Tax shall be released on submission of proof of remittance. Income tax will be deducted as per Income tax act 1961, Please furnish PAN No and Service tax registration no.
- j) Rates to be quoted in figures with corresponding words.
- k) Supplier's undertaking: I/We have read and understood the NIT terms and conditions.

ANNEXURE-3: IB**PRICE BID FORMAT FOR SINGLE LEVER ARM CREEP TESTING MACHINES– INDIAN SUPPLIER**

Enquiry Description	Enquiry No	Enquiry Date	Supplier's Name and Address

S. No.	Item Description	Units	Qty	Unit Rate, INR (Rs.)	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL.1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.0	Deliverable Items**					
1.1.0	Supply, Demonstration and user training of Single Lever Arm Type Creep Testing Machines with Accessories and Spares	Lot	15			
1.1.1	Load Frame	Nos	15			
1.1.2	Motorized Draw Head Assembly to maintain lever horizontality	Nos	15			
1.1.3	Furnace	Nos	15			
1.1.4	PID Temperature Controller	Nos	60			
1.1.5	Thyristor Power Control Units	Nos	45			
1.1.6	Pull Rods, Universal coupling, Grips, Adapter and Fixtures	Set	15			
1.1.7	Weights	Set	15			
1.1.8	Extensometer	Nos	15			
1.1.9	Strain Measuring Instruments	Sets	30			
1.1.10	Data Logging System	No	1			
1.1.11	Data Analysis system with Hardware Interface	No	1			
1.1.12	Calibrated Load-Cell Unit	No	1			
1.1.13	Calibration Certificates	No	1			
1.1.14	Others, if any					
1.2.0	Spares Items for 15 Nos of Creep Machines	Lot	1			
1.2.1	Load Train Assembly (Pull rods, Universal Coupling)	Set	5			
1.2.2	PID Temperature Controller	Nos	15			
1.2.3	Thyristor Power Control Units	Nos	15			
1.2.4	Rod Type Extensometer	Nos	10			
1.2.5	Displacement Measurement System/ Digimatic Indicator	Nos	15			

S. No.	Item Description	Units	Qty	Unit Rate, INR (Rs.)	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.2.6	Beam Leveling Motors with gear assembly	Nos	5			
1.2.7	Beam Leveling Sensors	Nos	5			
1.2.8	Furnaces	Nos	10			
1.2.9	Tube Adaptors	Nos	5			
1.2.10	Data Logger System	No	1			
1.2.11	Creep Furnace Control panel	Nos	5			
1.2.12	Adaptors / Grippers for Tensile Specimens	Set	10			
1.2.13	Adaptors for Flat Samples with thickness 2 to 9 mm	Set	10			
1.3.0	Other recommended spares (if any)	Lot	1			
1.4.0	Other (Misc.) charges					
1.4.1	Packing and Forwarding charges	Lot	1			
1.4.2	SubTotal					
1.4.3	Excise Duty (ED)	%	1			
1.4.4	Sub Total					
1.4.5	Taxes/duties, CST/ VAT, Form 'C' will not be issued.	%				
1.4.6	Sub Total (EXW Price)					
1.4.7	Charges for Loading at supplier's works, incl taxes, if any	Lot	1			
1.4.8 a	F.O.R Charges (Freight & Insurance, entry tax, octroi, etc). to BHEL R&D Stores, incl. taxes	Lot	1			
1.4.8 b	For ex-works shipment, Freight and Insurance charges shall be added based on Weight/ dimensions, (to be filled by BHEL)	Lot	1			
1.4.9	Unloading charges at BHEL R&D Stores, (to be filled by BHEL)	Lot	1			
1.5.0	Total Price (Delivery to BHEL Stores)(1.4.6+1.4.7+1.4.8 a or 1.4.8b +1.4.9)					
2.0	Training at OEM works (Refer annexure 4 IB)	Lot	1			
2.1	Service Tax	%				
2.2	Sub Total					
3.0	Erection and Commissioning at BHEL R&D,Hyd					
3.1	Erection and Commissioning	Lot	1			
3.2	Demonstration at site of installation	Lot	1			
3.3	Post-installation training	Lot	1			
3.4	Sub Total					
3.5	Service Tax	%				
3.6	Sub Total					

1. Rates to be quoted in figures with corresponding words.

2. Supplier's undertaking: I/We have read and understood the NIT terms and conditions.

ANNEXURE- 4: IB

PRICE BID FORMAT - TRAINING CHARGES AT OEM WORKS

Training charges* (per day basis)	For One BHEL Engineer (To be quoted as % of basic equipment value)	For Two BHEL Engineers (To be quoted as % of basic equipment value)
1st day		
2nd day		
3rd day		
4th day		
5th day		
Sub Total		

*** Rows may be added/ deleted as required, according to training schedule**

- a) Rates to be quoted in figures with corresponding words.
- b) Supplier's undertaking: I/We have read and understood the NIT terms and conditions.

ANNEXURE-5: IB

PRICE BID FORMAT

**ANNUAL MAINTENANCE CHARGES (AMC)- Non-Comprehensive Type only
(SPARES excluded)**

AMC charges after stipulated Warranty for	To be quoted as % of Basic Equipment Value
1st Year	
2nd Year	
3rd Year	
4th Year	
5th Year	

NOTE:

- a) Rates to be quoted in figures with corresponding words.
- b) Supplier's undertaking: I/We have read and understood the NIT terms and conditions.