

ANNEXURE-VIII: I

**UN-PRICED BID FORMAT FOR HIGH TEMPERATURE VERTICAL SPIN
TEST RIG SYSTEM – INDIAN SUPPLIER**

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

1.0 Supplies

S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL. No 1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
	Deliverable Items**					
1.0	High Temperature Vertical Spin Test Rig System as per specifications with the following items:					
1.1	Spin chamber, Lid and with associated Accessories	Set	1	Quoted	Quoted	
1.2	Drive System including Support/ Adapter for holding the test rotor	Lot	1	Quoted	Quoted	
1.3	Rotor Assembly Stand	Lot	1	Quoted	Quoted	
1.4	Lube Oil system with redundancy	Lot	1	Quoted	Quoted	
1.5	Vacuum system with redundancy	Lot	1	Quoted	Quoted	
1.6	Integrated Heating System with redundancy	Set	1	Quoted	Quoted	
1.7	Integrated rotor Cooling System with redundancy	Set	1	Quoted	Quoted	
1.8	Instrumentation & Sensor system					
1.8.1	Strain Gauges	Lot	1	Quoted	Quoted	
1.8.2	Thermocouples	Lot	1	Quoted	Quoted	
1.8.3	Vibration Monitoring system	Set	1	Quoted	Quoted	
1.8.4	Residual unbalance monitoring & measurement system	Set	1	Quoted	Quoted	
1.8.5	Telemetry for Strain, temperature	Set	1	Quoted	Quoted	

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High Temperature Vertical Spin Test Rig- Bid Formats-Indian Supplier – Indian Currency

S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL. No 1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
	Deliverable Items**					
1.8.6	DIC(Digital Image co relation) strain measurement system	Set	1	Quoted	Quoted	
1.8.7	Radial Crack growth / Crack detection system.	Set	1	Quoted	Quoted	
1.8.8	Other Sensors for operative parameters of Lube oil, Heating, Cooling and Vacuum systems and other sensors mentioned in specification No: CRD/HTVSTR/2017/01	Set	1	Quoted	Quoted	
1.9	Data Acquisition and Control system along with Control Room/Cabin	Set	1	Quoted	Quoted	
1.10	Electrical System & accessories	Set	1	Quoted	Quoted	
1.11	Essential Tool Kit	Lot	1	Quoted	Quoted	
1.12	Foundation /accessories if any	Lot	1	Quoted	Quoted	
1.13	Mandatory Spares during Warranty Period	Lot	1	Quoted	Quoted	
1.14	Recommended Spares during AMC Period, Beyond Warranty	Lot	1	Quoted	Quoted	
1.15	PDI Rotor	Lot	1	Quoted	Quoted	
1.16	Other (Misc.) charges					
1.17	Packing and Forwarding charges	Lot	1	Quoted	Quoted	
1.18	Subtotal					
1.19	Excise Duty (ED)	%	1	Quoted	Quoted	
1.20	Sub Total				Quoted	
1.21	Taxes/duties, CST/ VAT, Form 'C' will not be issued.	%	_____	Quoted	Quoted	
1.22	Subtotal (EXW Price)				Quoted	
1.23	Charges for Loading at supplier's works, incl taxes, if any	Lot	1	Quoted	Quoted	
1.24(a)	F.O.R Charges (Freight & Insurance, entry tax, octroi, etc). to BHEL R&D Stores, incl. taxes	Lot	1	Quoted	Quoted	

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S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL. No 1	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.24(b)	For ex-works shipment, Freight and Insurance charges shall be added	%	3	BHEL	BHEL	
1.25	Unloading charges at BHEL R&D Stores	Lot	1	BHEL	BHEL	
1.26	Total Price (Delivery to BHEL Stores) (1.22+1.23+1.24(a) or 1.24 (b) + 1.25)					
1.27	Pre Dispatch Inspection (PDI) Charges	Lot	1	Quoted	Quoted	
1.28	Training at OEM works	Lot	1	Quoted	Quoted	
1.29	Service Tax	%	_____			
1.30	Sub Total					
Erection and Commissioning at site/ BHEL						
1.31	Erection and Commissioning	Lot	1	Quoted	Quoted	
1.32	Demonstration at site of installation	Lot	1	Quoted	Quoted	
1.33	Post-installation training	Lot	1	Quoted	Quoted	
1.34	Sub Total	%	_____	Quoted	Quoted	
1.35	Service Tax	%	_____			
1.36	Sub Total					

** 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.

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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. Rates quoted against supply shall be inclusive of warranty as per warranty clause of specification No: **CRD/HTVSTR/2017/01**
13. Insurance charges @1% & Freight charges @2% against Sl.No.1.24 (b) respectively will be taken towards cost calculations for evaluation.
14. All taxes and Duties to be submitted in Unpriced Bid also
15. Vendor's undertaking: I/We have read and understood the NIT terms and conditions.

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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	_____ %	_____ %
2nd day	_____ %	_____ %
3rd day	_____ %	_____ %
4th day	_____ %	_____ %
Sub Total	_____ %	_____ %

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

NOTE:

- a) Basic equipment value is defined as price of equipment with accessories and auxiliaries (if any), excluding spares
- b) Travel and hospitality for BHEL engineers will be to BHEL's account.
- c) 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.
- d) Training should also be provided on safety features, task to be performed in case of emergency, etc.
- e) Detailed training schedule must be submitted along with the bid.
- f) 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.
- g) The above training charges at actuals, shall be released after completion of E&C along with 20% supply value stage payment.
- h) 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.
- i) Rates to be quoted in figures with corresponding words.
- j) Vendor's undertaking: I/We have read and understood the NIT terms and conditions.

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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
1 st Year	_____ %
2 nd Year	_____ %
3 rd Year	_____ %
Sub Total	_____ %

Rows may be added/ deleted as required

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 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 7 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 cumulatively duration beyond 15 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) Vendor's undertaking: I/We have read and understood the NIT terms and conditions.

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ANNEXURE-IX: I

**PRICED BID FORMAT FOR HIGH TEMPERATURE VERTICAL SPIN
TEST RIG SYSTEM – INDIAN SUPPLIER**

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

1.0 Supplies

S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
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			(A)	(B)	C=A*B	
	Deliverable Items**					
1.0	High Temperature Vertical Spin Test Rig System as per specifications with the following items:					
1.1	Spin chamber, Lid and with associated Accessories	Set	1			
1.2	Drive System including Support/ Adapter for holding the test rotor	Lot	1			
1.3	Rotor Assembly Stand	Lot	1			
1.4	Lube Oil system with redundancy	Lot	1			
1.5	Vacuum system with redundancy	Lot	1			
1.6	Integrated Heating System with redundancy	Set	1			
1.7	Integrated rotor Cooling System with redundancy	Set	1			
1.8	Instrumentation & Sensor system					
1.8.1	Strain Gauges	Lot	1			
1.8.2	Thermocouples	Lot	1			
1.8.3	Vibration Monitoring system	Set	1			
1.8.4	Residual unbalance monitoring & measurement system	Set	1			
1.8.5	Telemetry for Strain, temperature	Set	1			

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High Temperature Vertical Spin Test Rig- Bid Formats-Indian Supplier – Indian Currency

S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
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	Deliverable Items**					
1.8.6	DIC(Digital Image co relation) strain measurement system	Set	1			
1.8.7	Radial Crack growth / Crack detection system.	Set	1			
1.8.8	Other Sensors for operative parameters of Lube oil, Heating, Cooling and Vacuum systems and other sensors mentioned in specification No: CRD/HTVSTR/2017/01	Set	1			
1.9	Data Acquisition and Control system along with Control Room/Cabin	Set	1			
1.10	Electrical System & accessories	Set	1			
1.11	Essential Tool Kit	Lot	1			
1.12	Foundation /accessories if any	Lot	1			
1.13	Mandatory Spares during Warranty Period	Lot	1			
1.14	Recommended Spares during AMC Period, Beyond Warranty	Lot	1			
1.15	PDI Rotor	Lot	1			
1.16	Other (Misc.) charges					
1.17	Packing and Forwarding charges	Lot	1			
1.18	Subtotal					
1.19	Excise Duty (ED)*	%				
1.20	Sub Total					
1.21	Taxes/duties, CST/ VAT, Form 'C' will not be issued.**	%				
1.22	Subtotal (EXW Price)					
1.23	Charges for Loading at supplier's works, incl taxes, if any	Lot	1			
1.24(a)	F.O.R Charges (Freight & Insurance, entry tax, octroi, etc). to BHEL R&D Stores, incl. taxes	Lot	1			

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S. No.	Item Description	Units	Qty	Unit Rate	Total C=(A*B)	Corresponding reference of item specs./ general terms and conditions to be indicated; Remarks
COL. No	2	3	4	5	6	7
			(A)	(B)	C=A*B	
1.24(b)	For ex-works shipment, Freight and Insurance charges shall be added based on Weight/ dimensions	%	3			
1.25	Unloading charges at BHEL R&D Stores	Lot	1	BHEL	BHEL	
1.26	Total Price (Delivery to BHEL Stores)(1.22+1.23+1.24(a) or 1.24 (b) + 1.25)					
1.27	Pre Dispatch Inspection (PDI) Charges	Lot	1			
1.28	Training at OEM works	Lot	1			
1.29	Service Tax***	%				
1.30	Sub Total					
Erection and Commissioning at site/ BHEL						
1.31	Erection and Commissioning	Lot	1			
1.32	Demonstration at site of installation	Lot	1			
1.33	Post-installation training	Lot	1			
1.34	Sub Total****	%				
1.35	Service Tax *****	%				
1.36	Sub Total					

1. Rates to be quoted in figures with corresponding words.
2. Rates quoted against supply shall be inclusive of warranty as per warranty clause of specification No: **CRD/HTVSTR/2017/01**
3. *to***** All taxes and Duties to be submitted in Unpriced Bid also
4. Vendor's undertaking: I/We have read and understood the NIT terms and conditions.

SIGNATURE OF THE BIDDER WITH SEAL

ANNEXURE- X: 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	Submitted in Unpriced Bid	Submitted in Unpriced Bid
2nd day	Submitted in Unpriced Bid	Submitted in Unpriced Bid
3rd day	Submitted in Unpriced Bid	Submitted in Unpriced Bid
4th day	Submitted in Unpriced Bid	Submitted in Unpriced Bid
Sub Total	Submitted in Unpriced Bid	Submitted in Unpriced Bid

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

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

ANNEXURE-XI: 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	Submitted in Unpriced Bid
2nd Year	Submitted in Unpriced Bid
3rd Year	Submitted in Unpriced Bid
Subtotal	Submitted in Unpriced Bid

***Rows may be added/ deleted as required**

NOTE:

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

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