

SCOPE OF SUPPLY
ITEMS TO BE SUPPLIED IN THIS BID

Bidder to sign and stamp all pages in this document and upload, as an agreement to supply each of below items.

Sl. No.	Description	Unit	Qty.	Destination	Delivery period
1.	COMPRESSION SPRING 4.0X20X33.5 as per Drawing 3-55-334-01812 Material code: 961621340000	NO	60	BHEL/BAP STORE/RANIPET	20 days from the date of PO.

Scope of supply: Offer from M/s. AKAR SPRING WORKS, Nagpur, Maharashtra only will be considered for this tender.

Note: Quality Requirements (MQP) attached. Acceptance for MQP by bidder shall be given during enquiry stage.

Tender: Single Tender and single-part bid basis.

Delivery Terms: FOR destination

Destination: Manager, STORES, BHEL BAP RANIPET- 632406, TN

Documents to be submitted along with the offer:

- 1) Technical bid and Price bid
- 2) Commercial Terms Form with filled & signed (Attached).
- 3) GSTN Certificate.
- 4) PAN details.
- 5) Udyam Certificate.

Certificates Required:

- 1) Guarantee certificate.
- 2) Test Certificate.

Note: Bid Price: The Bidder has to quote the Price INCLUSIVE of all taxes (GST and other taxes) and all other charges like Packing & Forwarding charges, all the routine & type tests as per tender scope, taxes, duties, freight and Insurance.

Sign & Stamp of bidder

(By signing this I/We agree to follow all technical documents and drawings applicable for these above items and tender in total)

Pre-Qualification Requirement (PQR) for supply of “COMP SPRING/ PRESSURE SPRING” Offers from Bidders meeting all the below Pre-Qualification criteria concurrently will only be qualified to participate in this Tender Enquiry. Other Offers shall be summarily rejected.			
Sl. No.	Pre- Qualification Criteria	Documentary Evidence to be submitted by Bidder	Bidders' Remarks/ Comment/ Confirmation
1	Bidder should be Manufacturer of item “COMP SPRING/ PRESSURE SPRING” and should supply as per BHEL drawings/specification.	Registration certificate /Certificate of incorporation / Udyog Aadhar/ Udyam Registration Certificate etc.	
2	Bidder should have earlier supplied item COMP SPRING/ PRESSURE SPRING of any size.	(i). Purchase order copies with related Invoice/ GRN/ SRV/ Performance Certificate and (ii)Corresponding Test report & Dimension report	

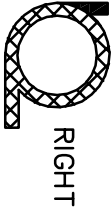
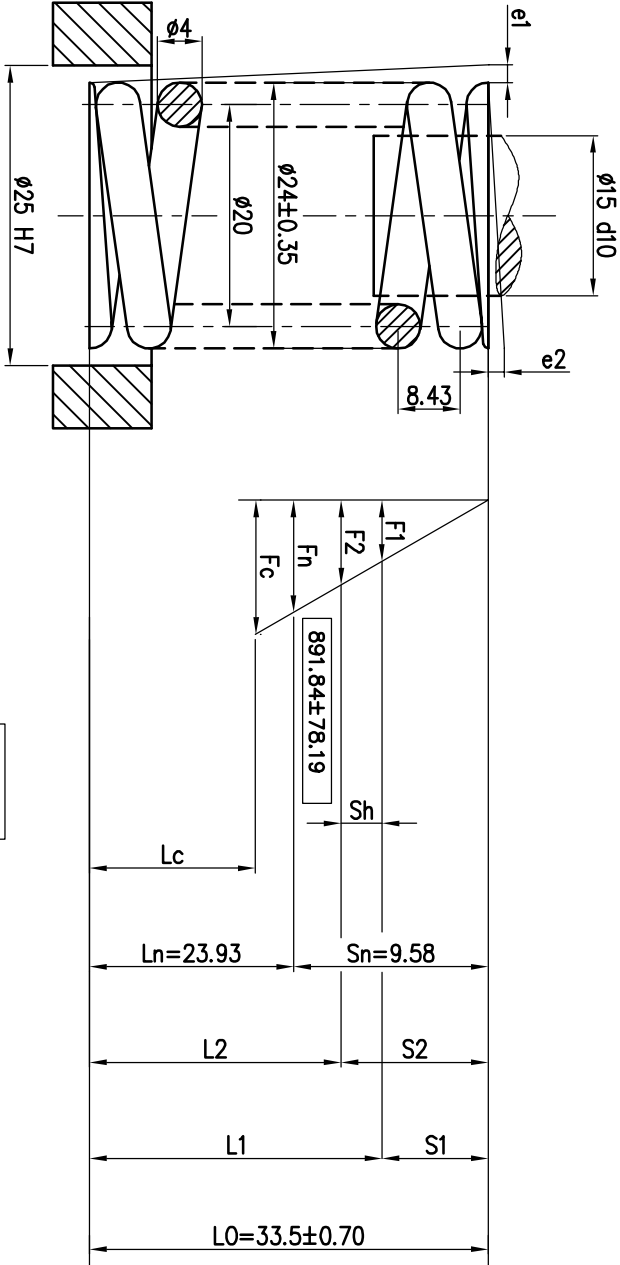
- BHEL reserves the right to verify information / confirmation furnished by seeking additional documents, Proofs etc.
- BHEL reserves the right to visit supplier's /bidders' works for technical evaluation of their manufacturing capability.
- Compliance to all the above Pre-qualification requirements is mandatory. In absence of PQR compliance bidder's offer are liable for rejection.

Declaration:

We understand that all the proofs/documents submitted by our firm for all the above points are subject to verification and in case BHEL finds any discrepancy in any of the document/s submitted by us like fake/false/forged documents, Certificates or information, action may be taken against our firm as per extant guidelines of BHEL.

Bidder's Seal & Signature

FOR PRODUCTION
REF. PR:QA:590 FOR PAINTING
REF. PR:QA:500 FOR UNTOL. DIMNS.
REF. APPLICABLE GMS FOR MATCODE&SPEC.



COILING DIRECTION

DYNAMIC LOAD*

Fndyn 801.03
Fndtol 76.84
Lndyn 24.90
Shdyn 3.56

1. MATERIAL : EN 10270-1-SH
2. SPRING TEST ACC.TO : DIN ISO 2859/1 TEST LEVEL II
3. WIRE OR ROD SURFACE : DRAWN



d	mm	WIRE DIAMETER	R	N/mm	SPRING RATE
D	mm	MEAN COIL DIAMETER	s	mm	PITCH(DIST.BETWEEN COILS)
Dd	mm	DIAMETER OF MANDREL	S1	mm	SPRING DEFLECTION AT F1
De	mm	OUTER COIL DIAMETER	S2	mm	SPRING DEFLECTION AT F2
Dh	mm	DIAMETER BUSH	Sh	mm	EXCURSION
e1	mm	PERM.DEV.PERPENDICULAR LINE	Sn	mm	SPRING DEFLECTION AT Fn
e2	mm	PERM.DEV.PARALLEL LINE	Fndyn	N	MAXIMUM FORCE IN DYNAMIC FORCE
F1	N	PRESTRESSED SPRING FORCE	Fndtol	N	(±) TOL. OF MAXIMUM DYNAMIC FORCE
F2	N	LOADED SPRING FORCE	Fndyn	mm	MAXIMUM LENGTH IN DYNAMIC USE
Fn	N	MAXIMUM FORCE IN STATIC USE	Fndyn	mm	MAXIMUM STROKE IN DYNAMIC USE
FC	N	THEORETIC MAXIMUM FORCE AT Lc	Fndyn	mm	
LO	mm	LENGTH OF UNSTRESSED SPRING	Shdyn	mm	
L1	mm	SPRING LENGTH AT F1			
L2	mm	SPRING LENGTH AT F2			
Lk	mm	BUCKLING LENGTH			
Ln	mm	SPRING LENGTH AT Fn			
Lc	mm	BLOCK LENGTH			
n	pc	ACTIVE COILS			
nt	pc	TOTAL COILS			


*THE SPRING DATA FOR THE DYNAMIC APPLICATION IS RELEVANT
ONLY FOR SPRINGS HAVING A SHOT PEENED HARDENED SURFACE.

VAR NO	ITEM NO	DESCRIPTION	CAT	DRAWING No.	ITEM NO	VAR NO	MATL CODE	A	B	C	DI	QTY	GS	ZONE
01	D335	COMPRESSION SPRING			961621340000		EN 10270-1-SH					0.032	1	

REV	DATE	ALTERED	CHECKED
ZONE			


CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

TYPE OF PRODUCT																			
OR NAME OF																			
CUSTOMER/PROJECT																			
<div><div></div><div><div>BHARAT HEAVY ELECTRICALS LTD.,</div><div>UNIT: BOILER AUXILIARIES PLANT,</div><div>RAIPET — 632 406.</div></div></div>																			
DEPT FANS		GRADE OF UNTOL. DIM				SCALE		WEIGHT (KG).		NAME		SIGN		DATE		NO. OF			
CODE 864		PR. QA: 500				N.T.S		8.020		DRN				10.09.12		VAR.			
										CHD				12.09.12					
										APPD		P.M.J		12.09.12					
								REF. TO ASSY/OLD DRG.											
								ITEM NO.											
TITLE										CARD CODE		DRAWING NO.						REV	
COMPRESSION SPRING— D335										U 01		3—55—334—01812							

 Ranipet		MANUFACTURER'S NAME & ADDRESS		MANUFACTURING QUALITY PLAN				BHEL P.O No.						
				ITEM: COMPRESSION OR PRESSURE SPRING AS PER BHEL DRAWING		QP. NO.: C.P.SPRING:001 Rev No. :00 Date: 21.12.2024 Page 1 of 3		DATE: PROJECT: AS PER PO						
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency		REMARKS	
					6						M	B	C	
1	2	3	4	5	M	B/C	7	8	9	D	10		11	

1.0	RAW MATERIALS & BOUGHT OUT ITEMS (BOI)														
1.1	Raw Material verification	Chemical & Mechanical properties	Major	Chem. Analysis & mechanical properties	Each Heat or lot		BHEL Drawing / Relevant material Standard.	T.C.	√	P	V	-			
1.2	Raw material	Visual & Dimension check	Major	Visual Inspection	100%		Manufacturer Procedure	-	-	P	-	-			
2.0	IN PROCESS CONTROL														
2.1	Coiling	Dimension Check	Minor	Measurement of dimensions	100%	100%	BHEL Drawing / relevant standard	-	-	P	-	-			
2.2	Heat Treatment (if applicable)	Report review / hardness check	Major	Review of report	100%	100%	Relevant standard / Manufacturer procedure	Report	√	P	V	-			
2.3	Shot peening	Surface roughness and peening quality	Major	Testing		Sample check	BHEL drawing / relevant standard / manufacturer procedure	Report	√	P	V	-			

M – Manufacturer / Subcontractor, B - BHEL / BHEL Authorized Inspection Agency, C - Customer, P - perform, V - Verification of reports W - Witness, TC - Test certificate “D” – Record, identified with tick (√) shall be essentially included by Supplier in QA documentation. RT- Radiographic Test. DP – Dye penetrant testing UT – Ultrasonic Testing, COC – Certificate of Confirmation	MANUFACTURER – SIGN & SEAL	APPROVED BY (BHEL)
12		


 Ranipet		MANUFACTURER'S NAME & ADDRESS		MANUFACTURING QUALITY PLAN				BHEL P.O No. DATE:					
				ITEM: COMPRESSION OR PRESSURE SPRING AS PER BHEL DRAWING		QP. NO.: C.P.SPRING:001 Rev No. :00 Date: 21.12.2024 Page 2 of 3		PROJECT: AS PER PO					
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency		REMARKS
					6						M	B	C
1	2	3	4	5	M	B/C	7	8	9	D	10		11

3.0	FINAL INSPECTION												
3.1	Compression or pressure spring	Visual and Overall dimension	Major	Measurement of dimensions	As per BHEL sampling plan	BHEL Drawing	Report	√	P	W	-		
3.2	Compression or pressure spring	Load test	Major	Deflection check at load	As per BHEL sampling plan	BHEL drawing	Report	√	P	W	-		
4.0	PAINTING, MARKING, PACKING AND PRESERVATION												
4.1	Cylindrical helical spring – Preservation, Identification, Marking & Packing	Identification with manufacturer logo, Sl. No. etc., Marking & packing	Major	Visual	100%	100%	Purchase specification / manufacturer standard.	Report	√	P	V	-	

Notes:

1. This QP Shall be read along with relevant Purchase Order, BHEL Specification / Approved Drawing and all the requirements shall be complied.
2. Materials shall be procured in compliance to Functional Technical Specification / BHEL Approved Drawing.
3. Latest version of standards & specifications shall be applied. Gauges and measuring instruments with valid calibration only shall be used.
4. Chemical or mechanical testing of the material shall be at manufacturer own location or at NABL approved lab.
5. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
6. BHEL /BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO.

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	13	

 Ranipet		MANUFACTURER'S NAME & ADDRESS		MANUFACTURING QUALITY PLAN				BHEL P.O No. DATE: PROJECT: AS PER PO					
				ITEM: COMPRESSION OR PRESSURE SPRING AS PER BHEL DRAWING		QP. NO.: C.P.SPRING:001 Rev No. :00 Date: 21.12.2024 Page 3 of 3							
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency		REMARKS
					6						M	B	C
1	2	3	4	5	M	B/C	7	8	9	D	10		11

RECORD OF REVISION

REV NO	DATE	DESCRIPTION
00	21.12.2024	Original Issue – First submission

Bidder to clearly mention the deviation taken against MQP No. C.P.SPRING:001 dated 21.12.2024 in deviation format provided in the tender. In the event no deviation is taken it will be presumed that all the quality points in MQP are complied by the bidder without any deviation. NO deviation will be accepted once PO is placed

M – Manufacturer / Subcontractor, B - BHEL / BHEL Authorized Inspection Agency, C - Customer, P - perform, V - Verification of reports W - Witness, TC - Test certificate “D” – Record, identified with tick (✓) shall be essentially included by Supplier in QA documentation. RT- Radiographic Test. DP – Dye penetrant testing UT – Ultrasonic Testing, COC – Certificate of Confirmation	MANUFACTURER – SIGN & SEAL	APPROVED BY (BHEL)
	14	

UNDERTAKING REGARDING BLACKLISTING

(To be submitted in the company letter head by supplier)

We hereby confirm and declare that we, M/s -----,-----is not blacklisted/ De-registered/ debarred/Kept on Hold/ for a Specific Period by any Government department/ Public Sector Undertaking/ Private Sector/any other Units of BHEL or any other agency for which we have Executed/ Undertaken the Works/ Services

Enquiry No. : ----- DT. -----

Date:

SIGNATURE WITH SEAL

Conflict of interest:

(To be submitted in the company letter head by supplier)

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Enquiry No.: ----- DT. -----

Date:

SIGNATURE WITH SEAL

ANNEXURE- 4**UNDERTAKING**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: GeM Bid Specification No:

I/We, _____ declare that,

I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities.

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

ANNEXURE – 11**DECLARATION FOR RELATION IN BHEL**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration for relation in BHEL

Ref: 1) GeM Bid Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL

Tick (✓) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

**(Signature, Date & Seal of Authorized
Signatory of the Bidder)**

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable action against the Bidder/Contractor.

ANNEXURE –“A”
ENQUIRY No. Email enquiry, Compression Springs
COMMERCIAL TERMS AND CONDITIONS
(To be filled in full and to be submitted along with offer)

SL. NO	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S COMMENTS
01	PRICE	Firm till completion of order.	
02	DELIVERY TERMS	FOR, DESTINATION (BHEL, BAP, Ranipet-Stores)	
03	PACKING & FORWARDING	Whether included in basic price or Extra.(if extra, indicate in %age)	
04	FREIGHT & INSURANCE	Whether included in basic price or Extra. (if extra, indicate %age)	
05	GST	Applicable GST to be indicated by supplier. (IGST/SGST/CGST/UTGST) (Applicable on basic price)	
06	MSME STATUS (MICRO/SMALL/MEDIUM)	To be indicated by supplier.	
07	PAYMENT	For MSE vendors 100% within 45 days after receipt & acceptance of materials at our end. For NON - MSE vendors "100% within 90 days of receipt and acceptance of materials at our stores". (Please confirm your acceptance for the same. In the event of any deviation in the above payment terms the following loading on your base rate will be done as below." Base rate of SBI (as applicable on the date of techno commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by you")	
08	DELIVERY PERIOD	To be indicated by supplier (In terms of no of weeks/days form the date of PO)	
09	L.D. CLAUSE	As indicated in Enquiry (as per IMPORTANT NOTE) Confirmation L.D. clause as indicated in Enquiry @ 0.5% per week subject to a maximum of 10% for the delayed delivery. (In case any bidder is not accepting the above penalty for delayed Supply, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder. Example: If the Supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded for evaluating lowest bidder)	
10	OFFER VALIDITY	Minimum 90 days from the date of Technical bid opening	
11	INSPECTION BEFORE DESPATCH	Will be done at Your Works Before Dispatch No Extra cost shall be offered	
12	TEST CERTIFICATE	Required @ no extra cost	
13	GUARANTEE CERTIFICATE (Period: 12 months from the date of commissioning (or) 18 months from the date of supply which ever is earlier.	Required @ no extra cost	
14	INSTALLATION & COMMISSIONING	Supplier's scope (if required, please indicate charge per man day inclusive of to & fro, lodging, boarding to site on lump sum basis)	Not Applicable
15	PERFORMANCE BANK GUARANTEE (10% OF RDER VALUE)	Not Applicable.	Not Applicable
16	O&M MANUAL	Not Applicable	Not Applicable
17	RISK PURCHASE	SPECIFICALLY CONFIRM YOUR ACCEPTANCE	Not Applicable
18	Reverse Auction (RA)	Reverse Auction is not applicable.	Not Applicable
19	HSN # No of products	To be indicated for each product	
20	GST registration no	Supplier to indicate GST registration no of firm	
21	MANUFACTURING PLACE & COUNTRY	To be indicated by supplier.	

SIGNATURE WITH SEAL

ANNEURE – “B” TO ENQUIRY NO:
 REQUIREMENT OF TECHNICAL DETAILS /CONFIRMATION
 (To be filled in full and to be submitted along with offer)

S.NO	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S COMMENTS
01	SPECIFICATION	Clause wise / Point wise confirmation to be given in TOTO for all specifications & to be submitted along with offer. (i.e. Xerox copy of specn duly filled with your acceptance / comments duly signed & sealed).	
02	DATA SHEET / DRGS	Filled Data Sheet and your Drgs are to be submitted along with offer. (if applicable).	
03	QUALITY PLAN	MQP to be submitted for BHEL approval	
04	SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR)	Attached SDDR to be filled & submit along with offer. (Even NO deviation is taken, NIL report to be submitted).	

Date:

SIGNATURE WITH SEAL

(to be submitted along with the offer)

SPECIFICATION DEVIATION DISPOSITION REPORT				
Specn		Item		
Enq. No & Date				
Vendor Name				
SPECN				
Page	Clause	Details Of Deviation With Reason	Disposition By BHEL	
Signature Of Vendor			Reviewed By	
"AGREED DEVIATION " if any to be incorporated in the PO in the event of order.		APPROVED BY		