

## Deepak Kumar

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**From:** Deepak Kumar <kumard@bhel.in>  
**Sent:** 03 May 2025 13:18  
**To:** DEEPAK KUMAR - BAP  
**Cc:** Prince Devasi(Dy Manager/U APH & FANS/BAP); Mallikarjun Nayak(Sr Manager/U APH & FANS/BAP); T Venugopal(Addl GM/9750\_ELEC/BAP)  
**Subject:** Requirement of Resilient Coupling as per APSQ-099 -25 Nos.-Reg  
**Attachments:** Commercial Terms & Conditions docs.pdf; SDDR.pdf; 7\_MII.pdf; PQR Resilient Coupling.pdf; APSQ-99 REV 02.pdf; MANUFACTURING QUALITY PLAN.pdf

Sir / Madam,

We require following items as per details given below. Please submit lowest quotation on firm price basis on or before due date i.e 13/05/2025, 14:00 hrs.

SI No.	Item	Unit	Qty	Price Per Unit in Rs.
1	RESILIENT COUPLING AS PER APSQ-099 REV 02	NO	25	

### Tender Terms & Conditions:

**1) Specification:** As per item description

**2) Pre-Qualification Requirement-** Offers received from bidders meeting the Pre-Qualification Requirements (PQR) shall only be considered. Bidder should submit/Upload the supporting documents called for in the (Pre-Qualification Requirement (PQR). Incomplete bids are liable to be rejected.

**3) Preferred Delivery:** Material is require within 60 days from PO date at BHEL Ranipet Stores.

**4) Payment Term:** a) For Micro/Small Enterprises- 100% payment will be made within 45 days from the date of receipt and acceptance of materials at BHEL Stores /Site.  
c) For Non-MSME- 100% payment will be made within 90 days from the date of receipt and acceptance of materials at BHEL Stores /Site.

**5) Quality Requirement:** Manufacturer Quality Plan is attached. Signed and sealed copy to be submitted as an acceptance.

**6)** Deviation, if any, w.r.t TECHNICAL, QUALITY AND COMMERCIAL shall be indicated in SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR) only. Deviations indicated in any other documents of the offer shall be ignored and treated as null & void. SDDR duly signed with seal of authorised signatory shall be submitted along with technical bid. NIL report to be submitted in case of NO deviation.

**7)** Fill the attached commercial T&C format and send it along with offer without fail.

Regards,


**Deepak Kumar** | Dy.Engineer | Purchase | BHARAT HEAVY ELECTRICALS LTD |  
BAP- Ranipet | 632 406 | e-mail: [kumard@bhel.in](mailto:kumard@bhel.in)|Contact: 04172-284326|+917904292067|



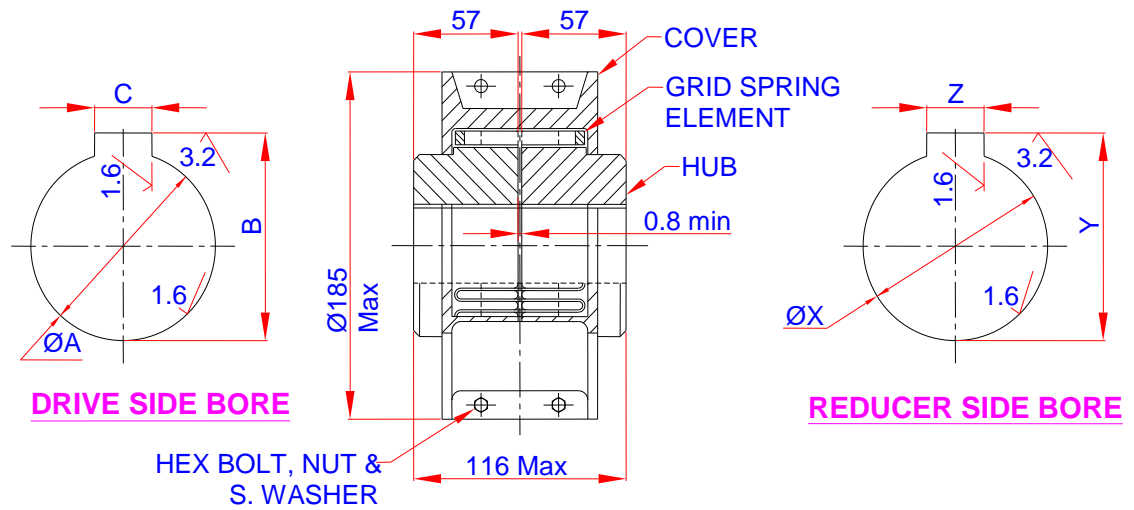
**Bharat Heavy Electricals Limited**

Powering Progress, Brightening Lives Touching Every Indian Home

**Note :** *BHEL is moving over to Government e- Marketplace (GeM) Portal for all procurements. You are requested to get registered on GeM (<https://gem.gov.in>) to participate in tenders. If already registered, please ignore this note.*

		<b>Bharat Heavy Electricals Ltd</b> Boiler Auxiliaries Plant Ranipet - 632 406		EDC / AIR PREHEATERS <b>TECHNICAL SPECIFICATION</b> Effective Date: 05.12.2019	
Specification No : APSQ – 099			Rev. No : 02		Page No : 01 of 02
01.	Item	RESILIENT GRID TYPE COUPLINGS (HORIZONTAL SPLIT TYPE)			
02.	Material code(s)	Refer page 02 of 02			
03.	Application	Used in Drive assembly of Regenerative Air Preheaters.			
04.	Size and type	a) For Wellman Incandescent : 136 - C b) For GBM Manufacturers : 107 - X c) For Select-n-Drive : R24 - H			
05.	Duty cycle	Intermittent.			
06.	Shaft orientation	Horizontal			
07.	Driving equipment	Air motor.			
08.	Driven equipment	Air Preheater Gear Reducer.			
09.	Maximum torque	2 times of full load torque			
10.	GENERAL  a) The coupling shall be supplied with finished bore and keyway.  b) The vendor shall submit the drawing & Quality Plan for approval once in 4 years or whenever vendor makes any change in the drawing / quality plan.  c) The Couplings shall be packed properly to avoid damage during transit.				
11.	INSPECTION  a) Inspection by BHEL.  b) Necessary Compliance Certificates shall be submitted.				
02	05.12.19	(Sd) SCH	(Sd) SCH	(Sd) KP	Reviewed & re-affirmed.
01	26.06.14	(Sd) SCH	(Sd) KP	(Sd) PPS	New MC added for 9 APB Speed Reducer combination. Axial split type renamed as Horizontal split type.
00	01.12.11	(Sd) GA	(Sd) KP	(Sd) PPS	FRESH ISSUE
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.

12. Dimensions, Bore & Keyway details.



Tolerance for untolerenced dimensions are as per Medium Class of **IS 2102 Part I** (latest revision).  
All Dimensions are in mm unless otherwise specified.

	Material Code	Driving Equipment	Driven Equipment	øA	B	C	øX	Y	Z
a.	96 134 157 0000	IPM 400 / 8 :1 Air Motor	8 APB Reducer	39.725 39.700	43.100 43.000	12.021 11.979	50.025 50.000	54.000 53.800	14.000 13.957
b.	96 134 159 0000	IPM 400 / 8 :1 Air Motor	9 APB Reducer	39.725 39.700	43.100 43.000	12.021 11.979	55.030 55.000	59.500 59.300	16.0215 15.0785


Pre-Qualification Requirement (PQR) for supply of *Resilient Coupling*

**Offers from Bidders meeting all the below Pre-Qualification criteria concurrently will only be qualified to participate in this Tender Enquiry. Other Offers will summarily be rejected.**

Sl No.	Pre- Qualification Criteria	Documentary Evidence to be submitted by Bidder	Bidders' Remarks/ Comment/ Confirmation
1	Bidder should be a Manufacturer / Authorised Dealer of the Manufacturer of Resilient Coupling and supply shall be as per specification without any deviation.	Registration certificate / Certificate of incorporation /Udyam Registration Certificate	
2	Bidder should have previously supplied Resilient Coupling or similar item. Proof of earlier supply P.O, Invoices should be submitted along with the offer. Offers without these documents will not be considered.	Purchase order copies with related Invoice/ GRN/ SRV details.	
3	Bidders shall not have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments/any other units of BHEL.	Self-declaration to be submitted by bidder.	


Declaration: All the information given above are true to the best of our knowledge and belief.

SIGN AND SEAL OF AUTHORIZED PERSON

 Ranipet		MANUFACTURER'S NAME & ADDRESS		<b>MANUFACTURING QUALITY PLAN</b>				BHEL P.O No. DATE:  PROJECT: AS PER PO					
				<b>ITEM:</b> RESILIENT GRID TYPE COUPLINGS AS PER BHEL SPECN. APSQ:099		<b>QP NO:</b> RGC:001 <b>Rev No. :</b> 00 <b>Date:</b> 29.04.2025 <b>Page</b> 1 of 2							
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK 6		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency M B C		REMARKS
1	2	3	4	5	M	B/C	7	8	9	D	10	11	

1.0	RAW MATERIALS													
1.1	Coupling hubs	Chemical analysis & Mechanical testing	Major	Review of TC	One per heat	BHEL Approved Drawing / BHEL Specification / Relevant material standard		TC	√	P	V	-		
1.2	Grid spring	Chemical & Hardness test	Major	Review of TC	Random sample	BHEL Approved Drawing / BHEL Specification / Relevant material standard		TC	√	P	V	-		
2.0	IN PROCESS INSPECTION													
2.1	Components	Machining dimension	Major	Measurement	100%	BHEL Approved drawing / manufacturer standard procedure		Report	-	P	-	-		
3.0	FINAL INSPECTION & TESTING													
3.1	Resilient grid type coupling assembly	Visual, overall dimension inspection	Major	Visual check, Measurement	100%	As per BHEL Sampling plan	BHEL Approved Drawing / BHEL Specification / relevant standard		Report	√	P	W	-	
4.0	PAINTING, MARKING, PACKING AND PRESERVATION													
4.1	Resilient grid type coupling	Preservation, Marking and Packing	Major	Visual check	100%	BHEL purchase specification / approved drawing / Manufacturer standard		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. TDC – Technical Delivery Condition COC – Certificate of Conformance	<b>MANUFACTURER – SIGN &amp; SEAL</b>	<b>APPROVED BY (BHEL)</b>

 Ranipet		MANUFACTURER'S NAME & ADDRESS		<b>MANUFACTURING QUALITY PLAN</b>				BHEL P.O No. DATE:  PROJECT: AS PER PO					
				<b>ITEM:</b> RESILIENT GRID TYPE COUPLINGS AS PER BHEL SPECN. APSQ:099		<b>QP NO:</b> RGC:001 <b>Rev No. :</b> 00 <b>Date:</b> 29.04.2025 <b>Page</b> 2 of 2							
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency		REMARKS
					6								
1	2	3	4	5	M	B/C	7	8	9	D	10	11	

**Notes:**

1. Latest version of standards & specifications shall be applied. Gauges and measuring instruments with valid calibration only shall be used.
2. Material specification mentioned in quality plan is for reference only. Actual material shall be as per Engineering drawing or purchase specification.
3. This QP shall be read along with relevant PO, BHEL specification, relevant material standard / drawing and all the requirements shall be complied
4. Inspection / Inspection waiver / approval by BHEL does not absolve supplier's responsibility for conformity of the specification as per the terms of PO.
5. BHEL / BHEL authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO.
6. The approval of this document by BHEL does not absolve / relieve the supplier from his responsibilities regarding the compliance of PO / contract and other Engineering / Quality approved documents.

**RECORD OF REVISION**

REV NO	DATE	DESCRIPTION
00	11.02.2025	Original Issue

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. TDC – Technical Delivery Condition COC – Certificate of Conformance	<b>MANUFACTURER – SIGN &amp; SEAL</b>	<b>APPROVED BY (BHEL)</b>

## Annexure-A-Commercial Terms and Conditions - Enq No. ....

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
1	SUPPLIER QUOTATION REFERENCE NO. WITH DATE	TO BE FILLED BY SUPPLIER	
2	PRICE	Firm till completion of order.	
3	DELIVERY TERMS	FOR - Destination means FOR - BHEL Stores, Ranipet [Packing & Forwarding, Freight & Insurance are in Supplier's scope i.e. included in the quoted prices. Unloading at BHEL Stores would be to the account of BHEL only].	
4	PACKING & FORWARDING	Included. (if extra indicate in %age / value lump sum / value per unit)	
5	FREIGHT & INSURANCE	Included. (if extra indicate in %age / value lump sum / value per unit)	
6	GST	Applicable GST (%) to be indicated by supplier. (IGST/SGST/CGST/UTGST) (Applicable on basic price). Bidder to specify the applicable GST is <b>EXTRA or INCLUSIVE</b> .	
7	HSN # No of products	To be indicated for each product	
8	MSME STATUS (MICRO/SMALL/MEDIUM)	Specific category to be indicated by supplier along with supporting document. (MICRO/SMALL/MEDIUM or Not Applicable)	
9	PAYMENT	100% payment will be made directly thru' EFT <b>within 90 days</b> from the date of receipt and acceptance of materials at BHEL Stores, RANIPET for NON-MSE vendor and <b>within 45</b> days for MSE vendor. If any supplier is asking for payment terms other than the above specified, then suitable loading on cost will be considered. Loading of any deviation in the payment terms w.r.t tender terms will be "Base rate of State Bank of India (SBI) (as applicable on the date of bid opening: Techno-commercial bid opening in case of two part bids) + 6%, will be considered for loading for the periods of relaxation sought by bidders.	
10	DELIVERY PERIOD	To be indicated by supplier in weeks.	
11	L.D.CLAUSE	As indicated in Enquiry (ANNEXURE –B, GENERAL TERMS & CONDITIONS) Confirmation L.D. clause as indicated in Enquiry @ 0.5% per week subject to a maximum of 10% PLUS applicable Goods & Services Tax (GST) 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)	
12	OFFER VALIDITY	Minimum 90 days from the date of technical bid opening/RA.	



## Annexure-A-Commercial Terms and Conditions - Enq No. ....

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
13	INSPECTION BEFORE DESPATCH	Will be done at suppliers Works Before Dispatch. No Extra cost shall be offered.	
14	TEST CERTIFICATE	Required at no extra cost	
15	GUARANTEE CERTIFICATE	Period: 12 months from the date of commissioning (or) 18 months from the date of supply whichever is earlier. Required at no extra cost	
16	INSTALLATION & COMMISSIONING	Not applicable	
17	O & M MANUAL	Not applicable	
18	RISK PURCHASE	Alternatively, the purchaser at his option will be entitled the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part, which the supplier has failed to deliver, within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchase in addition to penalty due to Liquidated Damage.SPECIFICALLY CONFIRM YOUR ACCEPTANCE	
19	PERFORMANCE BANK GUARANTEE (PBG)	The Performance Bank Guarantee for 10% of Order Value is to be submitted along with the Supply, Valid for 18 months from the date of Supply + claim period as per Reserve Bank of India (RBI) guidelines. Bidder to confirm.	Not Applicable
20	CONTRACT EXECUTION BANK GUARANTEE (CEBG)	The Supplier shall submit a BG for 2% of the Contract value valid for a period of 03 months in excess of agreed delivery period. Attached CEBG Format is to be signed and submitted along with bid as a token of acceptance. Bidder to note that no deviation is allowed. CEBG should be submitted within 30 days from the date of PO.	Not Applicable
21	Confirmation for Reverse Auction	<b>RA SHALL NOT BE APPLICABLE AGAINST THIS ENQUIRY</b>	
22	GST registration no	Supplier to indicate GST registration no of firm	
23	MANUFACTURING PLACE & COUNTRY	To be indicated by supplier.	
24	CONTACT PERSON NAME WITH TELEPHONE/MOB NO & EMAIL	To be provided by supplier.	
25	Any other charges, if applicable	To be specified by bidder in percentage on basic price	
26	Public Procurement (Preference to Make in India)	For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018, 29.05.2019, 04.06.2020, 16.09.2020 & 29.09.2020 and subsequent orders issued by the respective nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.	

**Annexure-A-Commercial Terms and Conditions - Enq No. ....**

SL. No	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S RESPONSE
27	Local content declaration	Supplier to furnish the declaration in the attached format (in company letter head) along with bid.	
28	Land Border sharing declaration	Supplier to furnish the declaration in the attached format (in company letter head) along with bid.	
29	I HAVE THOROUGHLY GONE THROUGH EACH LINE ITEMS AND QUOTED THE PRICES ACCORDINGLY	-	

**Annexure-C-Technical and Quality**

SL No	Description	BHEL's Requirement	Suppliers Comment
1	SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR)	Attached SDDR to be filled & submit along with offer. (Even NO deviation is taken, NIL report to be submitted).	

The above format shall be completely filled and deviation if any shall be clearly spelt out. The columns which are not applicable shall be mentioned as "not applicable". No column should be left blank. Non filling-up of columns may lead to rejection of your offer. If there is any difference (in the points accepted/confirmed) between the offer and this filled- up commercial terms & conditions sheet, the later only shall prevail.

DATE:

SIGNATURE WITH SEAL

ANNEURE – “C” 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	To be confirmed as per enquiry technical specification by bidder.	
02	DATA SHEET / DRGS	Filled Data Sheet and your Drgs are to be submitted along with offer. (if applicable).	
03	QUALITY PLAN	To confirm applicable QP will be followed. (OR) Your Quality Plan to be submitted for our review & approval along with offer.	
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	

Date:

SIGNATURE WITH SEAL

### **Declaration of Local Content by Supplier**

**Subject:** Public Procurement (Preference to Make in India).

**References of circulars issued by GOI:**

- 1.P-45021/2/2017-B.E-II dated. 15<sup>th</sup> June-2017
- 2.P-45021/2/2017-PP(BE-II) dated. 28<sup>th</sup> May-2018
- 3.P-45021/2/2017-PP(BE-II) dated. 29<sup>th</sup> May-2019
- 4.P-45021/2/2017-PP(BE-II) dated.4<sup>th</sup> June-2020 and latest (if any).

We hereby declare with reference to above subject and references that M/s -----  
-----.

**"Class-I local supplier"** meeting the requirement of minimum local content equal to 50% or more, as defined in the above government notifications for the goods and services.  
(or)

**"Class-II local Supplier"** meeting the requirement of local content more than 20% but less than 50%, as defined in the above government notifications for the goods and services.  
(or)

**"Non-local Supplier"** meeting the requirement of local content less than or equal to 20%, as defined in the above government notifications for the goods and services.

**'Local content'** means the amount of value added in India which shall, unless otherwise prescribed by Nodal ministry, be the total value of item procured (excluding net domestic indirect taxes) minus value of imported content in the item (including all custom duties) as a proportion of the total value, in percent.

Please mention the details against the following:

Enquiry no: .....

Type of Supplier (Class-I/Class-II/Non-local) .....

Product: As per enquiry

Details of location at which local value addition will be made is as follows:

\_\_\_\_\_

We also understand that the false declarations will be in breach of the code of Integrity under rule 175(1)(i)(h) of the General financial rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorized Signature M/s-----  
(Signature and seal)

Place: .....

Date: .....

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