



RDDP-MPX-F-04
Ref: 501902031

BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE RESEARCH & DEVELOPMENT DIVISION
VIKASNAGAR, HYDRABAD - 500 093, INDIA

ENQUIRY

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Print Close

Date 06-12-2019

Enquiry for Supply of Coupling Without Hub

Enquiry No:501902031

Enquiry Date : 06-12-2019

Due Date : 28-12-2019

Indicative Delivery Date : 31-03-2020

Sl No	Item Description	Unit	Qty
1	Flexible Coupling along with Spacer as per Drawing Number RD-DG-3-50-19-029 and RD-DG-3-50-19-030, suiting to our existing hubs which is as per Drawing Number RD-DG-3-50-19-028.	SET	1

Please submit your quotation for the above material in sealed cover superscribed with enquiry no, enquiry date and due date subject to our enclosed terms and conditions. The quotations shall reach us on or before the due date by 12 noon. The tenders can also be dropped in the tender box kept at the security gate, BHEL R&D. In case you are not in position to submit the offer, please send reply suitably specifying the reasons.

SLNo	Description	Document Ref.
01	Enquiry, PQC, General Terms & Conditions, Commercial Terms & Conditions etc.	Volume - 1
02	Technical specifications, Scope of Supply etc.	Volume - 2

Moutusi Paul
Moutusi Paul
Dy Manager
moutusipaul@bhel.in

<http://10.9.100.10/BHEL/Html/EnquiryDetails.html?CL=9664>

12/6/2019

	ENQUIRY & QUALIFYING CRITERIA	Volume - 1 Enquiry No 501902031
Supply of Coupling Without Hub		

1	Tendor inviting officer / Authority, Designation and Address	Additional General Manager(MM) BHEL R & D, Vikas Nagar (Near Balanagar), Hyderabad -500093
2	Item Description - Qty	1) Flexible Coupling along with Spacer as per Drawing Number RD-DG-3-50-19-029 and RD-DG-3-50-19-030, suiting to our existing hubs which is as per Drawing Number RD-DG-3-50-19-028. - 1 SET
3	Enquiry Reference no.	501902031
4	Indicative Delivery Date	31-03-2020
5	Due date, Time and place for submission of tender	28-12-2019 upto 12 noon. Sealed Quotations shall be addressed to Additional General Manager(MM), BHEL R & D Division, Vikas Nagar (Near Balanagar), Hyderabad AP,India Pin - 500 093 Quotations can also be deposited in the Tender box located at Security Gate of BHEL R & D BHEL shall not be responsible for any postal/courier delay.
6	Place, Date and time of Tech.Bid opening	Tender Opening Cell (Sangam) BHEL R & D Office. 28-12-2019, 2 PM
7	Mode of Submission of Tender	Please submit your offer in one common sealed cover containing two parts in separate sealed covers as detailed below. 1) First Cover shall contain: a. Signed General Terms & Conditions (GTC) b. Filled and Signed Commercial Terms & Conditions (CTC) c. Filled and Signed Vendor Specifications against BHEL Specifications (Item wise) d. Signed commercial bid e. Copy of Price-bid with price(s) cells blank (un-priced price bid) as per annexure 2) Second cover shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc as per annexure. If the price bid was found later to be different from the unpriced pricebid format in any way, the offer will be rejected summarily. The rates shall be quoted both in figures and in words. The offers can also be submitted through e-mail and have to be sent in PDF format (files with PDF extension only). Files having extensions other than PDF like RAR, EXE, JPEG etc. and with external links will not be considered. They have to be sent to e-mail id: 'md-eoffers@bhel.in' only. Copies should not be marked to anyone. If the offers are marked to anyone other than to eoffers, their offer will not be considered. The e-mail offers should have two attachments. 1) One attachment shall contain a. Signed General Terms & Conditions (GTC) b. Filled and Signed Commercial Terms & Conditions (CTC) c. Filled and Signed Vendor Specifications against BHEL Specifications (Item wise) d. Signed commercial bid e. Copy of Price-bid with price(s) cells blank (un-priced price bid), as per annexure 2) Second attachment shall contain Price Bid Containing Price quotes, applicable taxes, installation and/or commissioning charges shall be spelt out clearly taking into account total charges rather than quoting vaguely such as charges per man-day or charges per engineer per day etc as per annexure. The subject of the e-mail should contain Enquiry No, Enquiry Date and Due date.

	GENERAL TERMS & CONDITIONS (GTC)	Volume - 1 Enquiry No 501902031
Supply of Coupling Without Hub		

SL.No.	Clause	BHEL REQUIREMENT
1	Preference to Make in India	For this procurement, Public Procurements (Preference to make in India), order 2017 dated 15.06.2017, 28.05.2018 & 29.05.2019 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.
2	Preferences to MSEs	The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government. 25% of the tendered quantity is earmarked for MSE suppliers in this tender. Out of the 25% tendered quantity reserved for MSE suppliers, 6.25% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. Also 3% shall be earmarked for procurement from MSE owned by women. The definition of MSEs owned by women Entrepreneurs is clarified as under: i. In case of proprietary MSE, Proprietor shall be woman ii. In case of partnership MSE, the women partners shall be holding at least 51% share in the unit. iii. In case of private limited companies, at least 51% shall be held by Women Promoters. (Such enterprise will have to submit relevant document for proof of women ownership during offer submission) In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM, II) or valid NSIC certificate or EM II certificate with due validity or Udyog Aadhar Number along with attested copy of a CA certificate (where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. In case any improper / lack of documents is there vendor on their own interest may submit all the relevant documents as stated above, before tender opening. No benefit shall be applicable for this enquiry if any deficiencies in the above required documents are not submitted before tender opening. Documents should be notarized or attested by a Gazetted officer for consideration of MSE certificate. " Such Micro/Small Enterprises registered vendors must state the sub-category to which they belong and submit documentary proof for the same. The sub-categories: (a) Enterprises owned by Scheduled Castes. (b) Enterprises owned by Scheduled Tribes. (c) Enterprises owned by other than above two categories The enterprises under (a) & (b) means the proprietor in case of single owned firm and all partners in case of partnership firm and all directors in case of private/public limited must belong to SC/ST category (Such enterprise will have to submit relevant document for proof of SC/ST category during offer submission) (Note: vendor need to go through General note Of tender condition also for any special instruction & deviation from above.) If more than one valid MSE supplier stands with in rage of L1+15% range, 25% of quantity will be shared till quantity split is feasible & rest of 25% will be awarded to lowest quote of valid MSE supplier.
3	Late Tenders	Tenders received after due date/time(12:00hrs) will not be considered
4	Discrepancy in words and figures	(a) If, in the price structure quoted for the required goods/ Services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly. (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c). If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above. (d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
5	Two Part bid clarifications	In the case of Two-part bid, the vendor should furnish technical and commercial clarifications, if any, within stipulated time mentioned, failing which, it will be construed that the vendor is not interested in the tender and BHEL shall not consider the offer for further evaluation.
6	Price Impacts	In the event of any bidder, after finalizing the technical specifications and scope of supply, opting to revise their original bid, they have to submit the Price-Impact only. The Original price bid along with Price-Impact bid shall be opened during price bid opening. Unsolicited price impacts will not be considered.
7	Price bid evaluation	All offers in price bid opening or reverse auction shall be evaluated in Indian currency based on unit price, packing & forwarding, taxes/duties, freight charges if any, exchange rate. Loading due to non-acceptance of our standard commercial terms will be evaluated as per the LOADING FACTORS form as enclosed along with the enquiry.The exchange rate declared by State Bank of India under TT Selling rate on the technical bid open date shall be adopted for evaluating foreign currency bids.
8	Packing	The supplier shall be responsible for the goods being properly and adequately packed so as to prevent any loss, damage or deterioration during transit.
9	Withdrawal	In case the supplier withdraws their offer before placement of order, BHEL reserves the right not to send next enquiry(ies). In case the supplier withdraws the quotation after its acceptance by BHEL or fails to supply the goods as per the terms and conditions of contract, or at any time repudiated the contract wholly or in part, BHEL shall be at liberty to cancel the Purchase Order and to recover from the supplier the extra cost and other loss, incidentals due to the breach of contract on the part of the supplier through risk purchase.
10	Risk Purchase	In case of default/late delivery,BHEL reserves the right to make alternate arrangement for procurement at suppliers risk and cost.
11	Banned List	The offers of the bidders who are in the banned list and the offers of the bidders who engage the services of the banned firms, shall be rejected.The list of banned firms is available on BHEL website www.bhel.com. Guidelines for suspension of business dealings with suppliers/contractors are available on www.bhel.com under supplier registration page
12	Over All L1	Order will be placed on overall L1 basis. Vendors should quote for all items, otherwise the offer will be rejected.
13	Additional Information	Suppliers are requested to visit our web site regularly for any updates and additional information, "All corrigenda, addenda, amendments, time extensions clarifications, etc. to the tender will be hosted on BHEL website only". The corrigendum will not be published in news paper.
		Indian Vendors: Destination shall be Stores,BHEL R&D, Vikasnagar, Hyderabad-500093.

14	Destination	Foreign Vendors: 1) BHEL R.O.D Office, Mumbai, India for sea consignments and 2) BHEL R&D, Hyderabad, India for air consignments.
15	Arbitration	Subject to the jurisdiction of Hyderabad/Secunderabad, Andhra Pradesh, India in respect of any suit or other legal proceedings relating to this contract.
16	Foreign Vendors	BHEL will deal directly with foreign vendors, where ever required, for procurement of goods. However, if the foreign principal desires to avail of services of an Indian agent, then foreign principal should ensure compliance to regulatory guidelines which require mandatory submission of agency agreement (as per *). * The Agency Agreement shall specify 1) Agency commission, 2) Responsibilities of the agent, 3) Territory, 4) Agreement Period
17	Fraud Prevention Policy	The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
18	Signing & Stamping	Documents of BHEL's all Terms and conditions submitted with the offer shall be signed and stamped in each page of authorized representative of the bidder

Documents submitted with the offer shall be signed and stamped in each page of authorized representative of the bidder

Read and agreed for all the above general terms and conditions

Signature of the bidder with Seal & Date

	COMMERCIAL TERMS & CONDITIONS (CTC)	Volume - 1 Enquiry No 501902031
Supply of Coupling Without Hub		

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Late Delivery Penalty Clause	Failure to supply the goods and/or Failure to carryout the services within the stipulated delivery date will attract a penalty of 0.5% per week or part thereof for the value of the undelivered portion of the purchase order subject to a maximum of 10% of the total order value. The Penalty amount determined based on the delay in supply/services along with applicable GST thereon shall be recovered. In case of non acceptance to this LD Clause, 10% of basic material cost will be loaded on the quoted prices while cost comparison.(Please refer the enclosed 'Loading Factors' sheet).	
2	Validity of Offer	90 days from date of techno-commercial bid opening.	
3	Agency Agreement	Guidelines regarding dealing with Indian agents of foreign suppliers 1. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines which require mandatory submission of agency agreement. 2. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of government of India, issued from time to time. 3. The agency agreement should specify the precise relationship between the foreign OEM and services to be rendered by Indian agent / associate, whether general in nature or in relation to the particular contract, must clearly be stated by the foreign supplier / Indian Agent. Any payment, which the Indian agent / associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee shall be brought out in record in the agreement and be made explicit in order to ensure compliance to the laws of the country. 4. Any agency commission to be paid by BHEL to the Indian agent shall be Indian currency. 5. When ever Indian agents are representing on behalf of their principals, the relevant authorization letter and agreement copy to be enclosed along with technical bid to consider the offer.	
4	Delivery Period	FOR INDIAN SUPPLIES : ===== Suppliers are requested to quote within the delivery date mentioned in the enquiry. They shall also mention one of the following delivery periods compulsorily. 1) Delivery Period from date of Purchase order ===== 2) Delivery Period from receipt of material / input data / drawings etc. from BHEL===== (if applicable) 3) Delivery Period from receipt of approval of design documents / drawings etc. by BHEL===== (if applicable) However BHEL shall inform the vendor about rejection of the offer before price bid opening in case of not meeting the delivery requirements of BHEL. FOR FOREIGN SUPPLIES : ===== Suppliers are requested to quote within the delivery date mentioned in the enquiry. They shall also mention one of the following delivery periods compulsorily. 1. Delivery Period from date of Purchase order :===== 2. Delivery Period from receipt of input data / drawings etc. from BHEL===== (if applicable) 3. Delivery Period from receipt of approval of design documents / drawings etc. by BHEL===== (if applicable) 4. Delivery Period from date of LC Opening ===== (if applicable) 5. Delivery Period from date of PO acceptance ===== However BHEL shall inform the vendor about rejection of the offer before price bid opening in case of not meeting the delivery requirements of BHEL. Pl. mention any other issues/constraints like export clearance etc. explicitly, if any =====	
5	Nature of Vendor submitting the Offer	OEM / Agent / Representative / Dealer / Distributor / Stockist / Trader / Reseller / Channel Partner/ System Integrator / Any Other (Pl. Specify)	
6	Foreign Suppliers without Indian Agent	To be quoted in Foreign Currency. Purchase Order will be placed on Foreign Supplier.	
7	Foreign Principal availing services of an Indian Agent	Foreign principal should ensure compliance to regulatory guidelines which require mandatory submission of Agency agreement. (as per *) To be quoted in Foreign Currency. Purchase order will be placed on Foreign Supplier. Agency Commission will be paid to Indian Agent in Indian rupees. * The Agency Agreement shall specify 1) Agency commission, 2) Responsibilities of the Agent, 3) Territory, 4) Agreement Period	
8	Indian Agent desirous of quoting imported Equipment	Any Indian Agent desirous of quoting imported Equipment, they should submit the quote in foreign currency along with copy of agency agreement (as per *). To be quoted in Foreign Currency. Purchase order will be placed on Foreign Supplier. Agency Commission will be paid to Indian Agent in Indian rupees. * The Agency Agreement shall specify 1) Agency commission, 2) Responsibilities of the agent, 3) Territory, 4) Agreement Period	

Note : All the clauses of the above format should be filled and submitted with the Techno Commercial Bid (Part-1). The filled in BHEL Commercial terms & Conditions format submitted with technical bid, responding to all the clauses duly signed with seal **only shall be considered**. Any other Commercial terms & conditions of bidders entered else where in their offer shall not be considered and are liable for rejection.

Read and understood the above commercial terms and conditions

Signature of the bidder with Seal & Date

	OTHER TERMS & CONDITIONS	Volume - 1 Enquiry No 501902031
Supply of Coupling Without Hub		

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Technical queries	Contact Mr. Nitish Mishra DGM, Ph no:9246580341 Email id: nitishmishra@bhel.in for any technical queries.	
2	Packing & forwarding charges, freight and insurance charges, if any	Mention the packing & forwarding , freight & insurance , if any in terms of % of basic cost.	
3	Regarding Concessional	Concessional taxes/duties: We are registered with DSIR vide TUV-RD/13/2017 dated 05-Feb-2018 as a research Institution, other than a Hospital, for the purpose of availing Customs duty exemption in terms of Government Notification no.51/96 – Customs dated 23-Jul-1996, Notification No. 24/2007 - Customs dated 01-Mar-2007 and Notification No. 43/2017 – Customs dated 30-June-2017; 45/2017-Central tax(rate) & 47/2017-Integrated tax(rate) dated 14-11-2017, No. 9/2018-Central tax(Rate) dated 25-01-2018, State & Union Territory Tax(Rate) and 10/2018-Integrated tax(Rate) dated 25-01-2018 as amended from time to time. Hence all offers falling under the said notifications shall be evaluated at available concessional rates. Please confirm acceptance.	
4	Details required	IT Permanent Account No. (PAN): GSTIN Registration Status: Tax type:CGST/SGST/IGST/UGST GSTIN No: GSTIN No. Issuance Date : Provisional/ Final Registration : Name of the Contact Person : Contact Phone / Mobile : Email id for correspondence : Address with PIN code and State: HSN code, service account code	
5	Force Majeure	If at any time during the continuance of the contract the performance in whole or in part by either party of any obligations under the contract is prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) and notice of happening of any such events is given by either party to other within twenty one days from the date of occurrence thereof then neither party shall by reason of such events be entitled to terminate the contract. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of occurrence of such events, then claims for extension of time shall be granted for period considered reasonable by the purchaser subject to prompt notification by the seller to the purchaser the particulars of the events, if required with supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining deliveries.	
6	General terms	1) Submission of GST Registration details along offer is required for consideration of the Offer. 2) Kindly provide the HSN code and the breakup of the tariff/taxes (CGST/SGST/IGST/UGST) based on from and to locations with individual components. 3.Concessional taxes/duties, if any, available to BHEL as on date of price bid opening shall be taken into account for evaluating landed cost. 4. Hence all offers shall be evaluated at available concessional rates of, 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. 3) Taxes and duties to be governed by GST acts. Strict adherence to new provisions by the vendors like timely submission of invoices, tax payment, filing of returns-GSTR-I etc. will form base of new regime for release of payment from BHEL. Hence, any financial loss occurred due to noncompliance of the GST provisions would be endured at defaulters end.	
7	Payment Term	a) For Indian Offers : BHEL standard payment term is "100% Basic value by EFT/RTGS within 30 days of receipt and acceptance of material at BHEL R&D Stores,Hyderabad". GST taxes subject to payment proof of GST taxes remittance to Govt. of India. For other payment terms there will be a loading on the offer as mentioned in our 'Loading Factors' sheet which is enclosed to this enquiry. b) For Foreign Offers : BHEL standard payment term is "100% Invoice value by wire transfer within 30 days of receipt and acceptance of material at BHEL R&D Stores, Hyderabad". For other payment terms there will be a loading on the offer as mentioned in our "Loading Factors" sheet which is enclosed to this enquiry. All bank charges inside India shall be to BHEL account and outside India shall be to supplier's account	
8	Taxes and Duties	Vendor shall inform HSN/SAC code and the breakup of the applicable tariff/taxes (CGST/SGST/IGST/UGST) based on from and to locations with individual components in part 1 bid.	
9	Firm price and price basis	The prices shall be firm for entire period of contract. All Indian suppliers shall quote the lowest prices on/free delivery at BHEL R&D Stores or F.O.R destination' basis only.	

Signature of the bidder with Seal & Date

		ITEM SPECIFICATIONS		Volume - 2 Enquiry NO 501902031
Supply of Coupling Without Hub				
SL.No.	Item			
1	Flexible Coupling along with Spacer as per Drawing Number RD-DG-3-50-19-029 and RD-DG-3-50-19-030, suiting to our existing hubs which is as per Drawing Number RD-DG-3-50-19-028.			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1.	SS Flexible Coupling with Spacer between our Motor and Axial ID Fan	3 piece SS Flexible Coupling as per attached Specification TML21001 and Drawing Numbers RD-DG-3-50-19-028, RD-DG-3-50-19-029 and RD-DG-3-50-19-030.	
	2	Maximum weight of the complete coupling	46 kg.	
G	General Specifications			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1.	Coupling Design	The coupling has to be designed as per latest Standards and all the components going into it should be traceable to applicable Standards and the same will be checked.	
	2.	Dynamic Balancing	The vendor should have his own in-house dynamic balancing facility. All the major components need to be dynamically balanced individually and then the complete coupling has to be dynamically balanced. Engineers from BHEL R&D will visit the works during balancing stage.	
	3.	Technical support during erection	Engineers from vendors works have to extend full support to BHEL R&D during erection and integration of the supplied coupling. For this the vendor has to depute an engineer for a minimum of 3 days to BHEL R&D, Hyderabad. For this support no extra payment will be made.	
	4.	Pre Dispatch Inspection	Inspection of the component will be carried out by BHEL Engineers at vendor works. The vendor should assemble the coupling and show during inspection. For PDI the vendor has to intimate R&D a minimum of 10 working days in advance. Only after successful PDI, the item may be dispatched to R&D.	
		Minimum Acceptable Warranty	Supplier shall comply to the minimum acceptable warranty period.The offers of the suppliers not complying to the minimum warranty period will be rejected.The minimum acceptable warranty period is 18 months.	

* Vendors are advised to write specifications in detail and not to write like 'Complied/ Yes / No' etc. in specifications.

Signature of the bidder with Seal & Date

BHEL R&D
RD-DP:MPX-F-22

LOADING FACTORS



NOTE : IN CASE OF DEVIATION TO BHEL TENDER SPECIFIED TERMS, LOADING FACTOR INDICATED IN FOLLOWING TABLE WILL BE APPLIED TO QUOTED PRICE WHILE EVALUATING THE LOWEST QUOTE

A. FOR INDIGENOUS PURCHASES					
SL.NO	SCOPE	COMMERCIAL TERMS	BHEL STANDARD TERM	AS OFFERED	LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS
A.1	SUPPLY OF EQUIPMENT	PAYMENT TERMS	100% PAYMENT, WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL R&D	SAME	NIL
				PAYMENT AGAINST PROFORMA INVOICE / DESPATCH DOCUMENTS	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE TOTAL PO VALUE FOR ONE MONTH
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE AND BALANCE PAYMENT WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE AND BALANCE PAYMENT ON RECEIPT AND ACCEPTANCE OF MATERIAL	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE AMOUNT FOR ONE MONTH
A.2	SUPPLY OF EQUIPMENT INCLUDING ERECTION AND COMMISSIONING (E&C)	PAYMENT TERMS	90% PAYMENT, WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AND BALANCE 10% WITH IN 30 DAYS OF COMPLETION OF E&C.	SAME	NIL
				100% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF SUPPLIES AND E&C	NIL
				90% PAYMENT AGAINST PROFORMA INVOICE/ DESPATCH DOCUMENT AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C.	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON 90% OF THE VALUE OF PO FOR ONE MONTH
				90% PAYMENT AGAINST PROFORMA / DESPATCH DOCUMENT AND BALANCE 10% AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON TOTAL VALUE OF THE PO FOR ONE MONTH
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE AND (90 -X) % PAYMENT ON RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH)+ 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE (90-X)% AMOUNT FOR ONE MONTH
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE AND BALANCE (90 - X) % PAYMENT AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH)+ 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE AMOUNT (100-X)% FOR ONE MONTH

B. FOR FOREIGN PURCHASES (IMPORTED)								
SL.NO	SCOPE	COMMERCIAL TERMS	BHEL STANDARD TERM	AS OFFERED	LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS			
B.1	SUPPLY OF EQUIPMENT	PAYMENT TERMS	100% PAYMENT BY WIRE TRANSFER WITHIN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL R&D. (DESPATCH DOCUMENTS WILL BE SENT TO BHEL R&D DIRECTLY ALONG WITH BANK DETAILS)	SAME	NIL			
				SIGHT DRAFT ON PRESENTATION OF DESPATCH DOCUMENTS VIZ INVOICE, AWB ETC TO OUR BANKERS	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON THE BASIC VALUE FOR ONE MONTH PLUS PAYMENT RELATED BANK CHARGES INCURRED BY BHEL			
				LC PAYMENT AGAINST DESPATCH DOCUMENTS	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE BY WIRE TRANSFER/LC AND BALANCE PAYMENT WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO NEAREST MONTH) + 1 MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE BY WIRE TRANSFER/LC AND BALANCE PAYMENT ON RECEIPT AND ACCEPTANCE OF MATERIAL	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO NEAREST MONTH) + 1 MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE AMOUNT FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
B.2	SUPPLY OF EQUIPMENT INCLUDING ERECTION AND COMMISSIONING (E&C)	PAYMENT TERMS	90% PAYMENT BY WIRE TRANSFER WITH IN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C	SAME	NIL			
				SIGHT DRAFT ON PRESENTATION OF DESPATCH DOCUMENTS VIZ INVOICE, AWB ETC TO OUR BANKERS	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) FOR ONE MONTH PLUS PAYMENT RELATED BANK CHARGES INCURRED BY BHEL			
				90 PAYMENT BY WIRE TRANSFER /LC AGAINST DESPATCH DOCUMENTS BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON 90% OF BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				90% PAYMENT BY WIRE TRANSFER /LC AGAINST DESPATCH DOCUMENTS, BALANCE 10% AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON THE BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				90% OF BASIC VALUE AS ADVANCE PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON THE BASIC VALUE FOR ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE BY WIRE TRANSFER/LC AND BALANCE 10% WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+6%) ON 90% OF THE BASIC VALUE FOR DELIVERY PERIOD (ROUNDED OFF TO NEAREST MONTH) + ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL			
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE BY WIRE TRANSFER/LC AND BALANCE (90-X)% PAYMENT BY WIRE TRANSFER /LC AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO NEAREST MONTH) + ONE MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE (90-X)% FOR ONE MONTH			
				INTEREST BEARING PART ADVANCE (MAXIMUM 5% @SBI BASE RATE ON TENDER OPENING DATE+ 6%) PAYMENT WITH 110% BANK GUARANTEE BY WIRE TRANSFER/LC AND BALANCE (90-X)% PAYMENT BY WIRE TRANSFER /LC AFTER RECEIPT AND ACCEPTANCE OF THE MATERIAL AND 10% PAYMENT AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE PART ADVANCE AMOUNT (X%) FOR THE DELIVERY PERIOD (ROUNDED OFF TO NEAREST MONTH) + ONE MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE AMOUNT (100-X)% FOR ONE MONTH			
C. PENALTY FOR DELAYED DELIVERY (COMMON FOR INDIGENOUS AND IMPORTS)								
SL.NO	COMMERCIAL TERMS	BHEL STANDARD TERM	AS OFFERED	LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS				
C	LD CLAUSE	IN THE EVENT OF DELAY IN AGREED CONTRACTUAL DELIVERY, PENALTY OF 0.5% (HALF PERCENT) PER WEEK BUT LIMITED TO A MAX OF 10% OF TOTAL ORDER VALUE WILL BE APPLICABLE	AGREED	NIL				
			IF NOT AGREED	LOADING @ 10% OF THE BASIC MATERIAL COST				
			IF AGREED FOR X%	LOADING @ (10-X)% OF THE BASIC MATERIAL COST				
D. GUARANTEE/WARRANTY PERIOD (COMMON FOR INDIGENOUS AND IMPORTS)								
SL.NO	COMMERCIAL TERMS	BHEL STANDARD TERM	AS OFFERED	LOADING FACTOR FOR NON COMPLIANCE TO BHEL STANDARD TERMS				
D	GUARANTEE/WARRANTY PERIOD	STIPULATED OR REQUIRED GUARANTEE/ WARRANTY PERIOD(X)	AGREED	NIL				
		MINIMUM ACCEPTABLE GUARANTEE / WARRANTY PERIOD(Y)	NOT AGREED FOR STIPULATED BUT AGREED FOR MINIMUM GUARANTEE/WARRANTY(Y)	LOADING @ 10 % OF THE ORDER VALUE PER ANNUM FOR THE REDUCED GUARANTEE PERIOD (X-Y)				

BHEL R&D

Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g. EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction?, which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

AUTHORISATION LETTER FOR E-PAYMENT/ NEFT / RTGS
(PLEASE FILL UP THE FORM COMPLETELY IN CAPITAL LETTERS ON YOUR COMPANY LETTERHEAD ONLY.)

Vendor Code (to be filled by BHEL)

Type of Request (Tick one)	NEW	CHANGE
1 Company Name		
2 Address		
3 City with PIN Code		
4 State		
5 PAN Number		
6 TIN/ VAT No.		
7 CST No.		
8 Service Tax No.		
9 Name of Contact Person		
10 Mobile number		
11 Ph. no. with STD Code		
12 Fax No. with STD Code		
13 Email ID		
14 Website (URL)		

BANK DETAILS FOR EFT / RTGS

1 Bank Name	
2 Branch	
3 Branch Code	
4 Branch Address	
5 Branch Phone No	
6 Account No.	
7 Account Type: SB/ Current/ other (Specify)	
8 MICR Code	
9 IFSC Code	

I, as an authorized representative / owner of the above named company, hereby state as under:

1. Enclosed here with a cancelled cheque in support of our company's bank details.
2. Authorize BHEL R&D Hyderabad, to electronically make payments to the designated bank account with bank charges, if any, to our account.
3. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transferring Bank responsible.
4. I hereby certify that the particulars given above are true, complete and correct.
5. This authority remains in full force until BHEL receives and acknowledge written notification requesting change or cancellation.

Date :
Company
Seal

Authorised Signatory
Designation :



RD:MPX:F-13

Bharat Heavy Electricals Limited

Corp. R&D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 093 (INDIA)

VENDOR REGISTRATION FORM

(Indigenous supplier)

[FORM TO BE SUBMITTED* BY THE BIDDER ALONG WITH TECHNICAL-BID]

Before filling, please refer to instructions on page-4

1.0 VENDOR PROFILE:

1.1 Name and address of the vendor:

Phone Nos.:

Fax No.:

Email: 1.

2.

1.2 Local representative name & address in Hyderabad/Secundrabad :

Phone Nos.:

Fax No.:

Email:

Contact Person:

Mobile No:

2.0 TYPE OF ORGANISATION:

PROPRIETORSHIP	Company:	Sister Concern (mention vendor registration number of main organization)	
Partnership	CORPORATION	Small Scale Industry	ANY OTHER(Please specify)

In case of SSI unit, copy of registration to be enclosed. It is requested that MSME registration certificate to be enclosed and tick the following:

Type of Major Activity: Manufacturing / Service

Category of Enterprise: Micro / Small / Medium

Social Category : GENERAL / SC / ST / OBC

Udyog Adhaar Number (UAN):_____

3.0 ANNUAL TURN OVER:

#	Year	Turn-Over, Rs.
1	Current Year(budgeted)	
2	Previous year (200 - 0)	
3	Prior Year (200 - 0)	

4.0 NAME AND ADDRESS OF THE BANKER:

4.1 Bank Name

4.2 Branch name

4.3 Account number

4.4 Account Type

4.5 MICR Code:

4.6 IFSC Code(RTGS/NEFT):

4.7 Bank Phone number(s),

Blank cheque, duly cancelled, to be enclosed.

Please note that all payments shall be made through Electronic clearance services to your above account against the orders executed, if any.

5.0 REGISTRATION PARTICULARS(relevant copies to be enclosed)

5.1 IT Permanent Account No.(PAN):

5.2 State Sales Tax/VAT Registration No:

5.3 Central Sales Tax Registration No:

5.4 ED Registration No:

5.5 Service Tax Registration No:

5.6 PF Account No:

5.7 Labour Licence No:

5.8 ESI Account No:

6.0 CONTACT PERSON: S/Sri:

Designation:

Phone / Mobile No:

7.0 TOTAL NUMBER OF EMPLOYEES:

Graduates(Engr/Scientists/Mgmt/Fin.)	Consultants	Workers		
		Sup/Skilled	Semiskilled	Unskilled

8.0 LIST OF PRODUCTS/ SERVICES OFFERED:

#	Products/ Services	Capacity
1		
2		
3		
4		
5		

9.0 REFERENCE LIST :

(Only recognized public and private sector companies, attach if printed copy available)

#	Customer	Volume / Year
1		
2		
3		
4		
5		

10.0 INFRASTRUCTURE / FACILITIES:

#	Facility (with specifications)	Age/ Year procured
1		
2		
3		
4		
5		

11.0 REGISTRATION WITH OTHER BHEL UNIT/UNITS:

#	Unit	Registration No	Year
1			
2			
3			
4			

12.0 ANY OTHER INFORMATION :**DECLARATION:**

The information furnished above is true and authentic.

(CEO / PROPRIETOR)

SEAL:**DATE:**

Note:

1. Registered bidders, having BHEL (R&D) registration no. or have submitted this format for registration, need not furnish this information again.
2. The competent authority reserves the right to accept or reject the registration.
3. Vendors approved for registration will be informed by mail / email, as convenient. A separate communication will be sent in case of non-registration also, citing reasons thereof.
4. BHEL reserves the right to take penal action as deemed fit if any of the information provided by the vendor(s) is found to be incorrect.
5. AGM, Head (MM) may be contacted for clarification/additional information on registration.

Instructions

1. Fill all items. Please mention "N.A." for items/ clauses not applicable.
2. Use A4 sheets for this document and the enclosures. Use of additional sheets is permitted if space provided is not adequate.
3. Attach copies of latest documents in respect of items 5.0 (Registration no.s)
4. Photographs of registered office and the chief executive/proprietor shall be furnished.



RD:MPX:F-14

Bharat Heavy Electricals Limited
 Corp. R&D DIVISION
 VIKAS NAGAR,
 HYDERABAD- 500 093 (INDIA)
SUPPLIER REGISTRATION FORM

(FOREIGN SUPPLIER)

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR.WHEREVER IT IS NOT APPLICABLE PLEASE WRITE "NOT APPLICABLE".INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED.

1.0 GENERAL INFORMATION:

1.1 NAME OF COMPANY

1.2 DETAILS OF HEAD OFFICE:

ADDRESS :
 TELEPHONE :
 FAX :
 EMAIL :
 WEB SITE :

1.3 DETAILS OF FACTORY/WORKS:

ADDRESS :
 TELEPHONE :
 FAX :
 EMAIL :
 WEB SITE :

1.4 DETAILS OF MARKETING AGENT

ADDRESS :
 TELEPHONE :
 FAX :
 EMAIL :
 WEB SITE :

1.5 CHIEF EXECUTIVE

1.6 CONTACT PERSON(S)
 FOR PRODUCT OFFERED
 NAME(S) :
 OFFICIAL CPACITY :
 ADDRESS :
 TELEPHONE :
 FAX :
 EMAIL :

1.7 YEAR OF ESTABLISHMENT

1.8 PRODUCTION CAPACITY PER ANNUM

1.9 PARTICULARS OF PRODUCT INCLUDING
 SPECIFICATION AND RANGE OFFERED
 FOR REGISTRTION
 (Attach brouchers and catalogues)

1.10 NAME(S) OF BANKERS

1.11 BANKER'S CERTIFICATE

1.12 PORT OF LOADING

1.13 NEAREST AIRPORT

1.14 NAME OF THE INDIAN AGENT, IF ANY
 WITH AUTHORIZATION LETTER

2.0 FINANCIAL INFORMATION:

2.1 TOTAL CAPACITY

2.2 ANNUAL TURN OVER FOR LAST 3 YEARS

2.3 WHEHER CREDIT LICENSE ACCEPTABLE YES/NO

3.0 QUALITY MANAGEMENT SYSTEMS

ENCLOSED FORMAT PART-B

3.1 EXPERIENCE LIST FOR SAME/ SIMILAR ITEMS
 TO BE ENCLOSED

4.0 FUTURE EXPANSION PLANS:

(Give details)

5.0 LIST OF ENCLOSURES:

(Including brouchers, catalogues, technical literature etc)

6.0 ANY OTHER INFORMATION:

SIGNATURE OF SUPPLIER (Authorized signatory)

NAME	:
DESIGNATION	:
DATE	:
OFFICIAL SEAL	

Note:

1. BHEL Reserves the right to take penal action as deemed fit if any of the information provided by the vendor is found to be incorrect.
2. Please attach separate sheets, if space found is inadequate



RD:MPX:F-13

Bharat Heavy Electricals Limited

Corp. R&D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 093 (INDIA)

Ph: 040 – 23772704, Fax: 040 – 23770698, email: mpx@bhelrnd.co.in

GUIDE LINES REGARDING DEALINGS WITH INDIAN AGENTS OF FOREIGN SUPPLIERS

- i. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines - which require mandatory submission of an Agency Agreement.
- ii. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
- iii. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
- iv. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
- v. Whenever Indian agents are representing on behalf of their principals the relevant authorisation letter and agreement copy to be enclosed along with Technical bid to consider the offer.

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

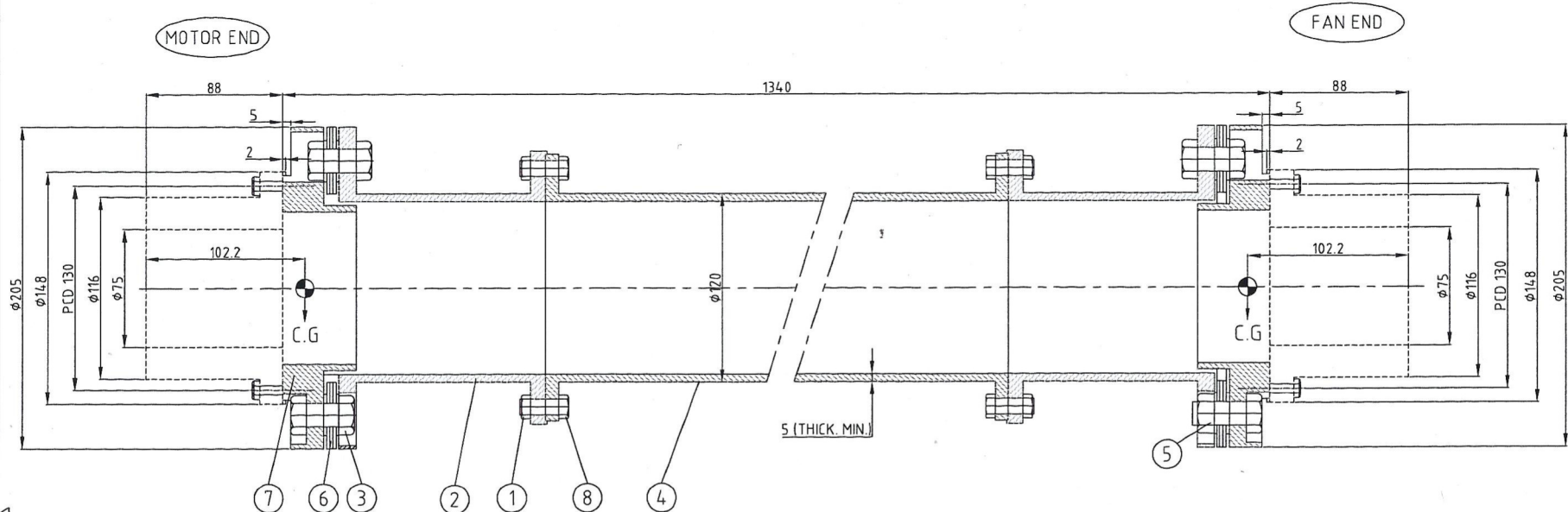
THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

COMPUTER FILE NAME

REF. DRG. NO.

SIGN. AND DATE

INVENTORY NO

SH. 01 OF 01
DRG. NO. RD-DG-3-50-19-030

8	ATTACHMENT BOLT	S99 / BS970 826 M40 / BS970 817 M40	12+12
7	ADAPTOR	S99 / BS970 826 M40 / BS970 817 M40	2
6	ELEMENT ASSY	S99 / BS970 826 M40 / BS970 817 M40	2
5	LOCK NUT	S99 / BS970 826 M40 / BS970 817 M40	12
4	SPACER # 1	S99 / BS970 826 M40 / BS970 817 M40	1
3	COUPLING BOLT	S99 / BS970 826 M40 / BS970 817 M40	12
2	SPACER # 2	BS970 080 M40	2
1	LOCK NUT	BS970 817 M40	12+12
S.NO.	DESCRIPTION	MATERIAL	QTY.

GENERAL NOTES:

1. GENERAL TOLERANCE: $\pm 0.1\text{MM}$.
2. PLEASE CLARIFY FROM BHEL FOR ANY AMBIGUITY IN THE DRAWING OF THE FLEXIBLE COUPLING WITH SPACER BEFORE PROCEEDING FURTHER.

NAME OF PROJECT

FAN TEST RIG
(BF 01 18 225 RD 50)BHARAT HEAVY ELECTRICALS LTD.
CORP. R&D DIVISION
HYDERABAD-500 093

NAME	SIGN.	DATE	NO. OF VAR.
DRN. VINAY KUMAR	<i>Vinay</i>	26.11.2019	
CHD. NITISH MISHRA	<i>Nitish</i>	27.11.2019	-N.A.-
APPD. P.G.SHANKAR	<i>P.G.</i>	27.11.2019	-N.A.-

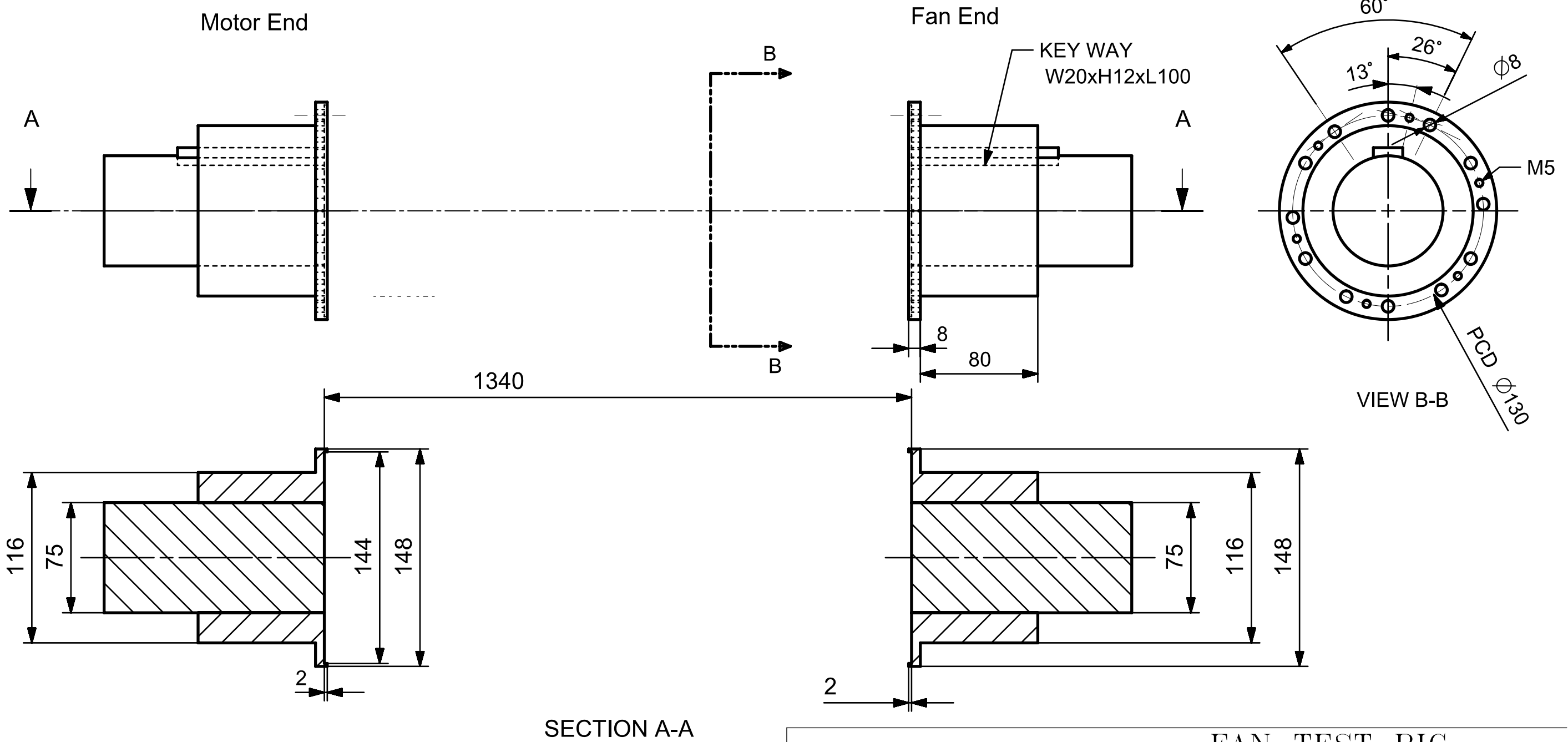
EML	UNTOL. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
CODE 44				-N.A.-	-N.A.-	-N.A.-

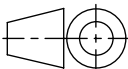
TITLE	CARD CODE	DRAWING NO.	REV.
FLEXIBLE COUPLING WITH SPACER	N.A.	RD-DG-3-50-19-030	00
	SHT. No 01	NO. OF SHT. 01	

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED.
IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

INVENTORY NO. SIGN. AND DATE COMP. FILE NAME

POWER : 500 kw
SPEED : 3000 RPM
DBFF : 1340 mm
APPLICATION : FAN



TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					FAN TEST RIG (BF 011822RD50)				
बी एच ई एल BHEL		BHARAT HEAVY ELECTRICALS LTD. HYDERABAD				NAME	SIGN.	DATE	NO.OF VAR. NA
					DRN.	ALP	signed	25-11-2019	
					CHD.	NM	signed	25-11-2019	
					APPD.	PGS	signed	25-11-2019	
DEPT.		SCALE NA	WEIGHT (KG)	REF. TO ASSY DRG. NA				ITEM NO. NA	NO.OF ITEMS 1
TML									
CODE	50								
TITLE				CARD CODE NA	DRAWING NO.				REV.
EXISTING HUB DETAILS					RD DG 3 50 19 28 00				00
					SHEET No.: 1		NO OF SHEETS: 1		

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

COMPUTER FILE NAME

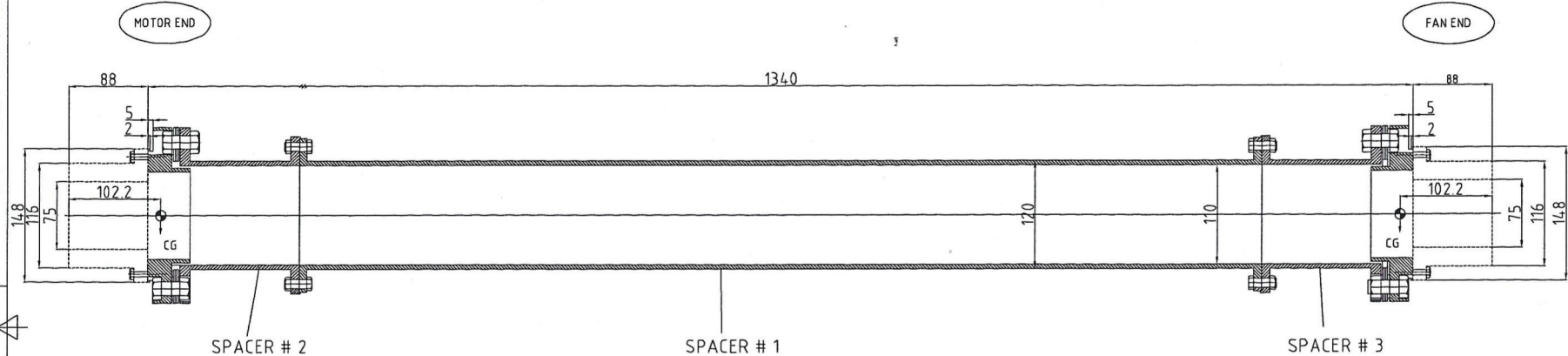
REF. DRG. NO.

SIGN. AND DATE

INVENTORY NO

DRG. NO. RD-DG-3-50-19-029

SH. 01 OF 01



GENERAL NOTES:

1. GENERAL TOLERANCE: $\pm 0.1\text{mm}$.
2. PLEASE CLARIFY FROM BHEL FOR ANY AMBIGUITY IN THE DRAWING OF THE FLEXIBLE COUPLING WITH SPACER BEFORE PROCEEDING FURTHER.

NAME OF PROJECT

FAN TEST RIG
(BF 01 18 225 RD 50)BHARAT HEAVY ELECTRICALS LTD.
CORP. R&D DIVISION
HYDERABAD-500 093

	NAME	SIGN.	DATE	NO. OF VAR.
DRN.	VINAY KUMAR	<i>[Signature]</i>	26.11.2019	
CHD.	NITISH MISHRA	<i>[Signature]</i>	27.11.2019	-N.A.-
APPD.	P. S. SHANKAR	<i>[Signature]</i>	27.11.2019	-N.A.-

EML CODE	UNTOL. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
44				-N.A.-	-N.A.-	-N.A.-

TITLE
GENERAL ASSEMBLY OF
FLEXIBLE COUPLING WITH SPACERS

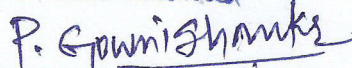
CARD CODE	DRAWING NO.	REV.
N.A.	RD-DG-3-50-19-029	00
	SHT. No 01	NO. OF SHT. 01

 Corporate R&D	PRODUCT STANDARD TURBO MACHINERY LAB		TML 21001									
			REV 00									
			PAGE : 1 OF 5									
<u>TECHNICAL SPECIFICATION FOR NON-LUBRICATED FLEXIBLE MEMBRANE COUPLINGS</u>												
1. TYPE: Coupling shall be non-lubricated flexible membrane type with spacer. It is intended to be used between a scaled model of Axial ID Fan and an existing 500 kW AC Semiens motor (which is speed controlled through VFD drive). For our specific requirement of flexible coupling, it has to be a 3 piece design. Spacers 1 and 3 (Drawing Number RD-DG-3-50-19-029 and -030) have to suit to our available hub on motor shaft.												
2. APPLICABLE SPECIFICATIONS / STANDARDS - The design & manufacture shall confirm to API 671 4th edition with confirmation to all relevant provision applicable to Flexible dry couplings. - The SS elements / discs have to be as per AISI 301 specifications. - The Spacers marked 1, 2 and 3 in Dwg. No. RD-DG-3-50-19-029 and -030 have to be forged alloy steel conforming to BS 970-1991: 080M40 standards. - All the other components can be of BS970 817M40, BS970 826M40 or BS S99 standards. - All the individual components have to be dynamically balanced as per ISO 1940 Grade 2.5 standards. - All connecting bolts and nuts are to be weight balanced for interchangeability.												
3. COUPLING SPECIFICATIONS OPERATING PARAMETERS <table border="0" style="width: 100%;"> <tr> <td>Nominal Power</td> <td>:</td> <td>500 kW</td> </tr> <tr> <td>Nominal Speed</td> <td>:</td> <td>3,000 rpm</td> </tr> <tr> <td>Nominal Torque</td> <td>:</td> <td>1,581 Nm</td> </tr> </table>				Nominal Power	:	500 kW	Nominal Speed	:	3,000 rpm	Nominal Torque	:	1,581 Nm
Nominal Power	:	500 kW										
Nominal Speed	:	3,000 rpm										
Nominal Torque	:	1,581 Nm										
FORMAT TML-21001 REV -00 REF DOC BF 01 18 225 RD 50	PREPARED BY: Nitish Mishra	APPROVED BY: P. Gowri Shankar	DATE: 25-11-2019									
COPY RIGHT AND CONFIDENTIAL The information on this document is the property of BHEL. It must not be used directly or indirectly in any directly or indirectly in any way detrimental of company.												

Nitish Mishra

P. Gowri Shankar

 Corporate R&D	PRODUCT STANDARD TURBO MACHINERY LAB		TML 21001
			REV 00
			PAGE : 2 OF 5
DBSE : 1,340 mm Total Weight (max.) : 46 kg			
b. COUPLING CAPACITY(min.) Continuous Torque : 4.0 kNm Peak Torque : 6.0 kNm Short Circuit Torque : 9.0 kNm Inertia (WK ²) : 0.192 Kgm ² Torsional Stiffness : 0.28 MNm/Rad Lateral Critical Speed : 8,700 Cyl/min			
c. COUPLING TO BE DESIGNED FOR MAXIMUM MISALIGNMENT Axial Misalignment (min) : ±4.8 mm Radial Misalignment (min.) : ±17.5 mm Angular Misalignment (min.) : ±0.75°			
d. COUPLING SUITABILITY TO EXISTING HUB The coupling to be supplied shall be suitable to the existing hub, the details of which are as follows.			
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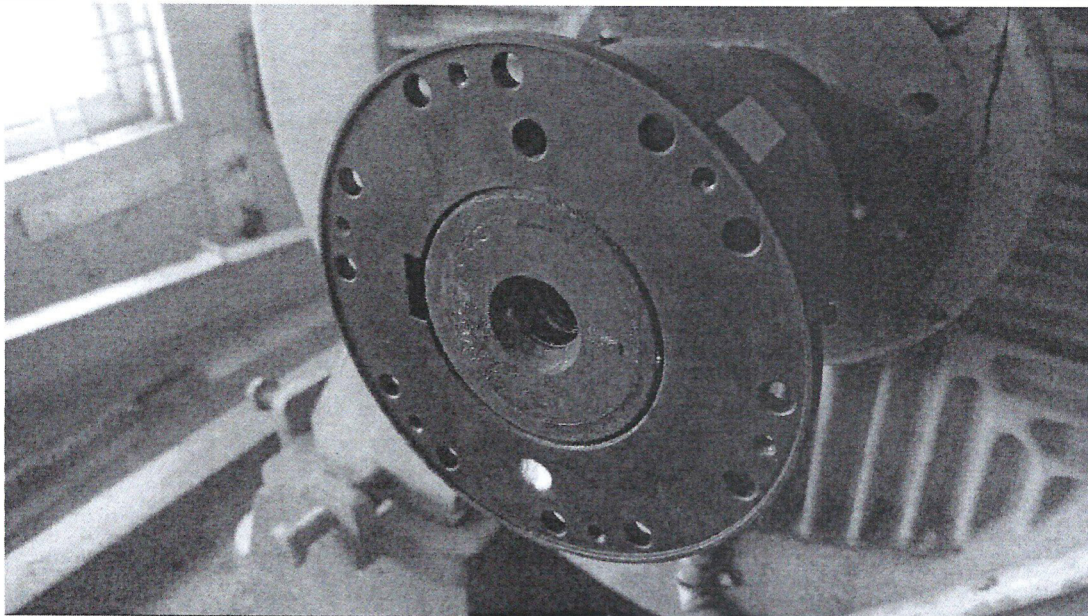
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PRODUCT STANDARD TURBO MACHINERY LAB

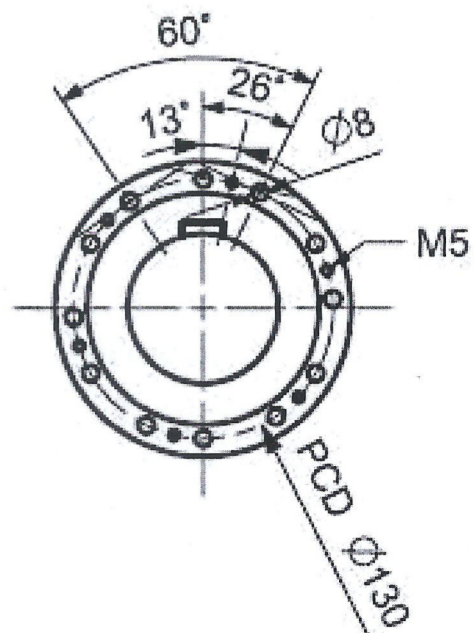
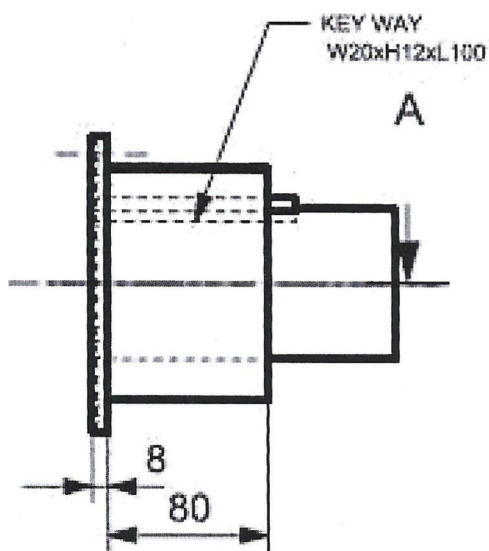
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REV 00

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Fan End



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Shankar

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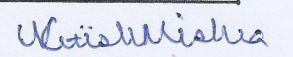
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			REV 00
			PAGE : 4 OF 5
4. Offer of the flexible coupling should include all the items needed to connect the supplied coupling to our motor hub. 5. Vendor's coupling should be compatible with the existing system of BHEL as shown in drawing number RD-DG-3-50-10-028. 6. Outer diameter of flange having dimensions of ϕ 205 and ϕ 148 of drawing number RD-DG-3-50-19-030 is indicative and that shall be as per vendor's design meeting BHEL's requirements. 7. Supplier should furnish the weight of each part in the bill of material. 8. Coupling drawings and filled in API data sheets are to be submitted after placement of order within 15 days			
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 P. Gowri Shankar



Corporate R&D

**PRODUCT STANDARD
TURBO MACHINERY LAB**

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REV 00

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RECORD OF REVISIONS

REV. NO.	DATE	REVISION DETAILS	REVISED	APPROVED
00	27.11.2019	New Specifications	N. M.	P.G.S.

FORMAT
TML-21001
REV -00

PREPARED BY: Nitish
Mishra

APPROVED BY: P. Gowri
Shankar

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Nitish Mishra

P. Gowrishankar

UN – PRICE BID FORMAT

Enquiry Short Description : Supply of Coupling Without Hub

Enquiry No:

Enquiry Date:

Sl. No	Item Description	Units	Quantity (A)	Unit Rate (B) (exclusive of any taxes)	Currency (Note-3)	Amount C=A x B
1.1	Flexible Coupling along with Spacer as per Drawing Number RD-DG-3-50-19-029 and RD-DG-3-50-19-030, suiting to our existing hubs which is as per Drawing Number RD-DG-3-50-19-028.	Set	1	QUOTED		QUOTED
<u>APPLICABLE TAXES</u>						
2.1	GST / Other duties _____% applicable on Sl. No: 1.1					QUOTED

Note:

1. The Vendor has to fill the applicable GST/other duties in the blank spaces.
2. This Un-Price bid format should be submitted along with Techno-Commercial Bid.
3. If items are quoted in foreign currency, concessional custom duty @ 5.5%, Freight @ 2% and Insurance @ 1% on basic price will be considered for price evaluation in case of ex-works, FOB and FCA incoterms. In case of CIF incoterm, only custom duty @5.5% will be considered for price evaluation.
4. Items which will be sourced from India should only be quoted in Indian Rupees (INR).

SIGNATURE OF THE BIDDER WITH SEAL

PRICE BID FORMAT

Enquiry Short Description : Supply of Coupling Without Hub

Enquiry No:

Enquiry Date:

Sl. No	Item Description	Units	Quantity (A)	Unit Rate (B) (exclusive of any taxes)	Currency (Note-3)	Amount C=A x B
1.1	Flexible Coupling along with Spacer as per Drawing Number RD-DG-3-50-19-029 and RD-DG-3-50-19-030, suiting to our existing hubs which is as per Drawing Number RD-DG-3-50-19-028	Set	1			
<u>APPLICABLE TAXES</u>						
2.1	GST/Other duties _____% applicable on Sl. No: 1.1					

Note:

1. The Vendor has to fill the applicable GST/other duties in the blank spaces.
2. This Price bid format should be submitted separate from the Techno-Commercial Bid.
3. If items are quoted in foreign currency, concessional custom duty @ 5.5%, Freight @ 2% and Insurance @ 1% on basic price will be considered for price evaluation in case of ex-works, FOB and FCA incoterms. In case of CIF incoterm, only custom duty @5.5% will be considered for price evaluation.
4. Items which will be sourced from India should only be quoted in Indian Rupees (INR).

SIGNATURE OF THE BIDDER WITH SEAL