



RD:DP:MPX:F-04

Ref: 441901351

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

PHONES:23774494 (EXT:9804)

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ENQUIRY

Date 11-09-2019

Enquiry for **accessories of compressed-air pipe line with erection and commissioning**

Enquiry No:441901351

Enquiry Date : 11-09-2019

Due Date: 26-09-2019

Indicative Delivery Date : 31-10-2019

Sl.No	Item Description	Unit	Qty
1	SS 304 BALL ISOLATION VALVE 2" (FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES	NO	5
2	SS 304 BALL ISOLATION VALVE 1.5"(FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES	NO	3
3	SS 304 BALL ISOLATION VALVE 1"(FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES	NO	1
4	SS 304 NON RETURN VALVE 2"(FLANGED END) TO WITHSTAND 30KGF/CM ² WITH SS FORGED FITTINGS & ACESSORIES	NO	2
5	SS 304 PRV 1" OUTLET WITH PRESSURE INDICATOR AND ACESSORIES WITH PRESSURE RANGING FROM 6 TO 20 KGF/CM ²	NO	2
6	SUITABLE PIPE FITTINGS & ACCESSORIES FOR SIZE (2", 1.5" & 1" AS PER SA312TP304H), PIPING SUPPORTS, FASTENERS & GASKET, PAINTING & COLOURCODING	L.S.	1
7	E&C OF THE PIPING SYSTEM ALONG WITH THE ACESSORIES, SUPPORT EQUIPMENTS TO COMPLETE THE LAYING OF PIPING FROM COMPRESSOR HOUSE TO TEST BED	LOT	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.

Sl.No	Description	Document Ref.
01	Enquiry, PQC, General Terms & Conditions, Commercial Terms & Conditions etc.	Volume - 1
02	Technical specifications, Scope of Supply etc.	Volume - 2

Devsingh Vankudothu
Dy Manager
devsingh@bhel.in

	ENQUIRY & QUALIFYING CRITERIA	Volume - 1 Enquiry No 441901351
accessories of compressed-air pipe line with erection and commissioning		

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) SS 304 BALL ISOLATION VALVE 2" (FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES - 5 NO 2) SS 304 BALL ISOLATION VALVE 1.5"(FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES - 3 NO 3) SS 304 BALL ISOLATION VALVE 1"(FLANGED END) TO WITHSTAND PRESSURE OF 30KGF/CM ² WITH FORGE FITTINGS AND ACESSORIES - 1 NO 4) SS 304 NON RETURN VALVE 2"(FLANGED END) TO WITHSTAND 30KGF/CM ² WITH SS FORGED FITTINGS & ACESSORIES - 2 NO 5) SS 304 PRV 1" OUTLET WITH PRESSURE INDICATOR AND ACESSORIES WITH PRESSURE RANGING FROM 6 TO 20 KGF/CM ² - 2 NO 6) SUITABLE PIPE FITTINGS & ACCESSORIES FOR SIZE (2", 1.5" & 1" AS PER SA312TP304H), PIPING SUPPORTS, FASTENERS & GASKET, PAINTING & COLOURCODING - 1 L.S. 7) E&C OF THE PIPING SYSTEM ALONG WITH THE ACESSORIES, SUPPORT EQUIPMENTS TO COMPLETE THE LAYING OF PIPING FROM COMPRESSOR HOUSE TO TEST BED - 1 LOT
3	Enquiry Reference no.	441901351
4	Indicative Delivery Date	31-10-2019
5	Due date, Time and place for submission of tender	26-09-2019 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. 26-09-2019, 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: - Signed General Terms & Conditions (GTC) - Filled and Signed Commercial Terms & Conditions (CTC) - Filled and Signed Vendor Specifications against BHEL Specifications (Item wise) - Signed commercial bid - 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: 'rnd-coffers@bhel.in' only. Copies should not be marked to anyone. If the offers are marked to anyone other than to coffers, their offer will not be considered. The e-mail offers should have two attachments. 1) One attachment shall contain - 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.
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	PRE QUALIFYING CRITERIA(PQC)	Volume - 1 Enquiry No 441901351
accessories of compressed-air pipe line with erection and commissioning		

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Experience	Vendor shall have experience in laying of metallic compressed air pipeline with a pressure requirement of minimum 2 bar or more. Vendor shall submit Minimum 1 No (one) successful commissioning certificate for carried out similar jobs in the last 2 years from the enquiry date. The vendor shall furnish following details of such customer to whom such equipment has been supplied: customer and Name and Designation of the contact person Phone, Fax no., and E-mail address of the contact person of the customer BHEL will carry out independent verification of performance certification.	
2			
3			
4			
	Relaxation of Norms for Startups	The condition of Prior Turnover and prior experience is relaxed for all startups whether Micro & Small Enterprises(MSEs) or otherwise subject to meeting of quality and technical specifications in accordance with the relevant provision of GFR,2005 and other DOE-PPD notifications for relaxation norms for startups issued from time to time.	

Signature of the bidder with Seal & Date

	GENERAL TERMS & CONDITIONS (GTC)	Volume - 1 Enquiry No 441901351
accessories of compressed-air pipe line with erection and commissioning		

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
		(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

4	Discrepancy in words and figures	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.
14	Arbitration	Subject to the jurisdiction of Hyderabad/Secunderabad, Andhra Pradesh, India in respect of any suit or other legal proceedings relating this contract.
15	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
16	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.
17	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 441901351
accessories of compressed-air pipe line with erection and commissioning		

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	Payment terms for Indian Offers	Vendor to indicate appropriate applicable HSN code for Goods as well as SAC for services based on Inter/Intra state.In case the bidder has opted for composite GST scheme,the same may be stated explicitly in both and techno-Commercial & Price bids. BHEL will pay only basic price to the vendor and release the GST payment only when the proof of remittance is given.	
3	Reverse Auction	BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com). The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates. If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).	
4	Two part	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: 'rnd-coffers@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.	
5	Time period for Supply and E&C-Capital	1 Bidder should quote time period separately for 'Supply' and 'E&C' of equipment. 2 The bidders should quote their earliest schedule for supply and E&C against the schedule indicated in the enquiry. BHEL, however, reserves the right to accept an offer not meeting the enquiry schedule.	
6	Validity of Offer	90 days from date of techno-commercial bid opening.	
7	Price basis	The prices shall be firm for entire period of contract. The suppliers shall indicate packing and forwarding charges, if any, separately. All foreign suppliers shall quote the lowest prices on a) 'FOB-Nearest International Gateway Airport for Air consignments. BHEL shall organize shipment through our authorized freight forwarder from gateway Airport. An amount of 2% on basic value towards freight and 1% on basic value towards insurance will be added for cost comparison. b) CFR-Mumbai/Nhava sheva seaport for sea consignments. An amount of Insurance @1% (Supplier's seaport to BHEL R&D Stores, Hyderabad)+ local transport charges (Mumbai/Nhavasheva Seaport to BHEL R&D Stores, Hyderabad) based on weight/dimensions furnished by the supplier in the tender shall be added for landed cost evaluation. All Indian suppliers shall quote the lowest prices on 'free delivery at BHEL R&D Stores or F.O.R destination' basis only.	
8	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.	
9	Delivery Period	<u>FOR INDIAN SUPPLIES :</u> 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. <u>FOR FOREIGN SUPPLIES :</u> 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 =====	
10	Nature of Vendor submitting the Offer	OEM / Agent / Representative / Dealer / Distributor / Stockist / Trader / Reseller / Channel Partner/ System Integrator / Any Other (Pl. Specify)	
11	Foreign Suppliers without Indian Agent	To be quoted in Foreign Currency. Purchase Order will be placed on Foreign Supplier.	
12	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	
13	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	
14	Payment terms for Foreign Offers (Supply)	BHEL standard payment term "100% Invoice value by wire transfer within 30 days of receipt and acceptance of material at BHEL R&D Stores, Hyderabad". All bank charges inside India shall be to BHEL account and outside India shall be to supplier's account. Note: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.	
15	Payment terms for Foreign Offers (Supply and E&C)	BHEL standard payment term "90% Invoice value by wire transfer within 30 days of receipt and acceptance of material at BHEL R&D Stores, Hyderabad". "Balance 10% and E&C charges by wire transfer within 30 days of completion of E&C" All bank charges inside India shall be to BHEL account and outside India shall be to supplier's account. Note: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.	

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 441901351
accessories of compressed-air pipe line with erection and commissioning		

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Taxes/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.	
2	Details are required	PAN Number: GSTIN Registration Status: 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:	
3	Special Note	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 non-compliance of the GST provisions would be endured at defaulters end.	
4	Force Majeure clause	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	
5	Firm Prices	The prices shall be firm for entire period of contract.	
6	Payment	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" and Completion of E&C works as per specifications. 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	
7	Packing & forwarding charges ,freight and insurance charges	Kindly mention the packing & forwarding , freight & insurance , if any in terms of % of basic cost	
8	Concesional GST	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.	
9	Format	Price bid and unpriced bid format are enclosed	

Signature of the bidder with Seal & Date

		ITEM SPECIFICATIONS		Volume - 2 Enquiry NO 441901351
accessories of compressed-air pipe line with erection and commissioning				
SL.No.	Item			
1	General Specifications			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	accessories of compressed-air pipe line with erection and commissioning	SPECIFICATION No.: BHEL CORPORATE R&D/EMV-44/AUSC/2019/02 (ANNEXURE-A)	
G	General Specifications			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1			

* 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					
SLNO	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
				FULL ADVANCE PAYMENT WITH BANK GUARANTEE	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE TOTAL PO VALUE FOR THE DELIVERY PERIOD (Rounded off to nearest month) + 1 MONTH
				PART ADVANCE (X%) PAYMENT WITH 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
				PART ADVANCE (X%) PAYMENT WITH 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
				90% ADVANCE PAYMENT WITH BANK GUARANTEE AND BALANCE 10% PAYMENT WITH IN 30 DAYS AFTER COMPLETION OF E&C	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON 90% OF THE PO VALUE FOR DELIVERY PERIOD (ROUNDED OFF TO THE NEAREST MONTH) + 1 MONTH
				PART ADVANCE (X%) PAYMENT WITH 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
				PART ADVANCE (X%) PAYMENT WITH 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)					
SLNO	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
				FULL ADVANCE PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE	LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON THE BASIC VALUE FOR DELIVERY PERIOD(Rounded off to nearest month) + 1 MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL
				PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER/LC WITH BANK GUARANTEE AND BALANCE PAYMENT WITHIN 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
B.2	SUPPLY OF EQUIPMENT INCLUDING ERECTION AND COMMISSIONING (E&C)	PAYMENT TERMS	90% PAYMENT BY WIRE TRANSFER WITHIN 30 DAYS FROM THE DATE OF RECEIPT AND ACCEPTANCE OF THE MATERIAL AND BALANCE 10% WITHIN 30 DAYS AFTER COMPLETION OF E&C	PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER/LC WITH BANK GUARANTEE 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
				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
				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 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% WITHIN 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
C. PENALTY FOR DELAYED DELIVERY (COMMON FOR INDIGENOUS AND IMPORTS)					
SLNO	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)					
SLNO	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



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

RD:MPX:F-13

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.

SUPPLY, ERRECTION & COMISSIONING OF COMPRESSED- AIR PIPE LINE WORK

TENDER BRIEFING:

Requirement of laying of SS piping from two compressors with a storage tank of 3000 Ltrs. to special test facility as per the enclosed layout.

One compressor will be operational at any time and one will be standby. However, the standby compressor will be switched on in case of breakdown or maintenance of the running compressor. Technical details of Compressors with drier are enclosed in Annexure-1.

Special test facility shall comprise of equipment which require compressed air @ 8 Bar for operation. Compressed air requirement @8 bar is required at a terminal point located at special test facility. Compressed air Piping System needs to be installed and commissioned from compressor house to special test facility. The supplier shall use SS 304 seamless pipe which will be issued by BHEL as free supply (size details are indicated in Bill of material / Annexure-II).

Pipe's fittings & accessories shall be as per specifications attached. The scope of work consists of supply of **pipe's- fittings, valves and accessories**, along with installation and commissioning of the piping System from the compressor house to the terminal point at special test facility. All work to be performed with quality workmanship in accordance with the latest technology and modern practices of piping.

SCOPE OF WORK:

- a) Supply of Pipe fittings, Valves and accessories, as per Bill of material given in Annexure-II
- b) Installation and Commissioning of Compressed air Piping system at BHEL, Corporate Research and Development, Hyderabad, Telangana

1.) Inter connection of Piping:

- a) Vendor to connect screw compressor outlet (i.e. From A to B) pipe size 1 ½ "to a reciprocating compressors outlets pipe of size 2" to 3KL storage tank with suitable valves, fittings & accessories as per compressor layout drawing.
- b) Connection of pipes (i.e. 2") from 3KL storage tank to two air driers (One Running & one standby with suitable isolation valve & NRV etc.
- c) Interconnecting of pipes from the drier to the test facility as per Annexure-II bill of material and Layout drawing.

2.) Joints:

- a) In general piping joints shall be butt welded with flanges wherever required. Flange faces shall be in a plane perpendicular, true and square to the center line of the pipe to which they are welded. Flange joints shall be used to connect equipment's, valves & fittings and wherever required for ease of erection and maintenance. Bolts on flanged joints shall be drawn up, to provide even and adequate pressure on gaskets to ensure a leak free system.

3.) Cutting and Welding Procedure:

- a) **Cutting:** Pipe to be cut as per the standard engineering practice by suitable Power tools, no Electric Metal Arc cutting shall be allowed. All edges to be cut & cleaned of impurities prior to welding joints.

- b) **Edge preparation of pipes for welding:** The edge preparation for welding's with pipe of 2 mm wall thickness shall be done by power tools or plasma cutters and followed by grinding. Cut faces shall not have cracks or irregular surfaces.

Sharp edges, rust of cut edges, notches, and irregular fissures due to faulty cutting shall be chipped, grounded over the length.

Edge preparation for welding joints shall be carefully and accurately made so as to facilitate a perfect weld joints. Edge preparation beveling denotes cutting and grinding of the same so as to result in 'V' or 'X' shapes as per IS: 823. The pipes assembled shall be clean and dry on the welding edges. Under no circumstances wet, greasy rust or dirt covered parts shall be welded.

c) Welding inspection: All weld joints shall be DP tested after completion of the welding for blow holes, cracks etc.,

4.) Brackets / Supports:

All brackets / supports shall be made out of suitable M.S. rolled steel sections, bar and strip with C.I. washers, sling eyes, U bolts etc fixed on the walls or hung from the slabs/ roof truss by MS rods / angles including grouting / welding or fixed to special inserts as the case may be including fasteners, bolts, anticorrosive and color painted etc complete as required and / or by suitable means as per best engineering practice.

5.) Isolation Valves (IV):

Vendor shall supply/install isolation valves as per the piping layout drawing. The type of valve shall be ball type and flanged type end connections. The ball valve shall withstand pressure of 30 kgf/cm².

6.) Non return valves(NRV):

Vendor shall supply/install isolation with accessories to withstand pressure of 30 kgf/cm².

7.) Pressure Reducing Valve (PRV):

Vendor shall provide PRVs and install the same as per the piping layout drawing, PRVs shall have a pressure gauge 2" dial (0-20 kgf/cm²) at outlet to indicate the pressure. The inlet pressure of PRV is 9-10 bar and intended outlet shall be **8 bar & mass flow rate 250 Nm³/hr (147 CFM)**.

8.) End Connection:

Vendor shall provide end connection of compressed air pipe as per region of 2-F of enclosed BHEL Floor Layout Drg. No. 1900-901, R-A,

9.) Documents:

Vendor shall submit all the test certificates of BOM along with supply.

10.) Designing of the compressed air layout:

Vendor may please note that the enclosed piping layout drg. is indicative only, and detailed drawing shall be prepared and submitted during techno-commercial discussion. If required vendor may visit BHEL Corporate R&D Hyderabad, Telangana for finalization of optimized piping routing before enquiry due date. Vendor shall conform to the following while preparation of final piping layout:

- a.) Vendor shall design the compressed air pipeline to suit the use of SS piping & fittings only.
- b.) Vendor shall also design the supporting structures to accommodate the compressed air pipelines from storage tank to test set in consultation with BHEL. The routing of the compressed air line shall be as per available spaces from storage tank to test setup. Supports may be taken from the nearest wall columns.
- c.) Drawings can be revised incorporating the required changes, if any on discussion with BHEL team

11.) Final Payment for piping & Pipe Fittings:

The final payment will be made based on actual quantity of pipe fittings and accessories like bends, elbows, tees, unions, nipples, expanders/reducers complete with adequate supports from storage tank to test setup. Payment towards any extra valves like ball valves, isolation valves, NRVs, PRVs etc shall be based on the quantity and corresponding unit rate.

12.) Painting:

All piping, used under this work shall be properly painted with two coats of a synthetic enamel paint over a coat of primer after installation as per IS Code. Arrow marks for indicating flow direction and stenciling to be done as per Good Engineering Practice.

Color Code of the piping shall be SKY BLUE.

13.) Delivery and Erection & Commissioning:

- a.) Successful bidder shall supply the equipment as per BOM, installation of compressed air pipeline (i.e Erection & Commissioning), testing of lines and connections shall be done after the date of Purchase Order issue. **BHEL desired delivery period for all these activities within 45 days from the date of PO placement.**
- b.) Successful bidder shall provide detailed activity schedule for the full work after receipt of purchase order. For any clarification required from BHEL in this regard, the vendor shall visit site.

14. Inspection and Testing:

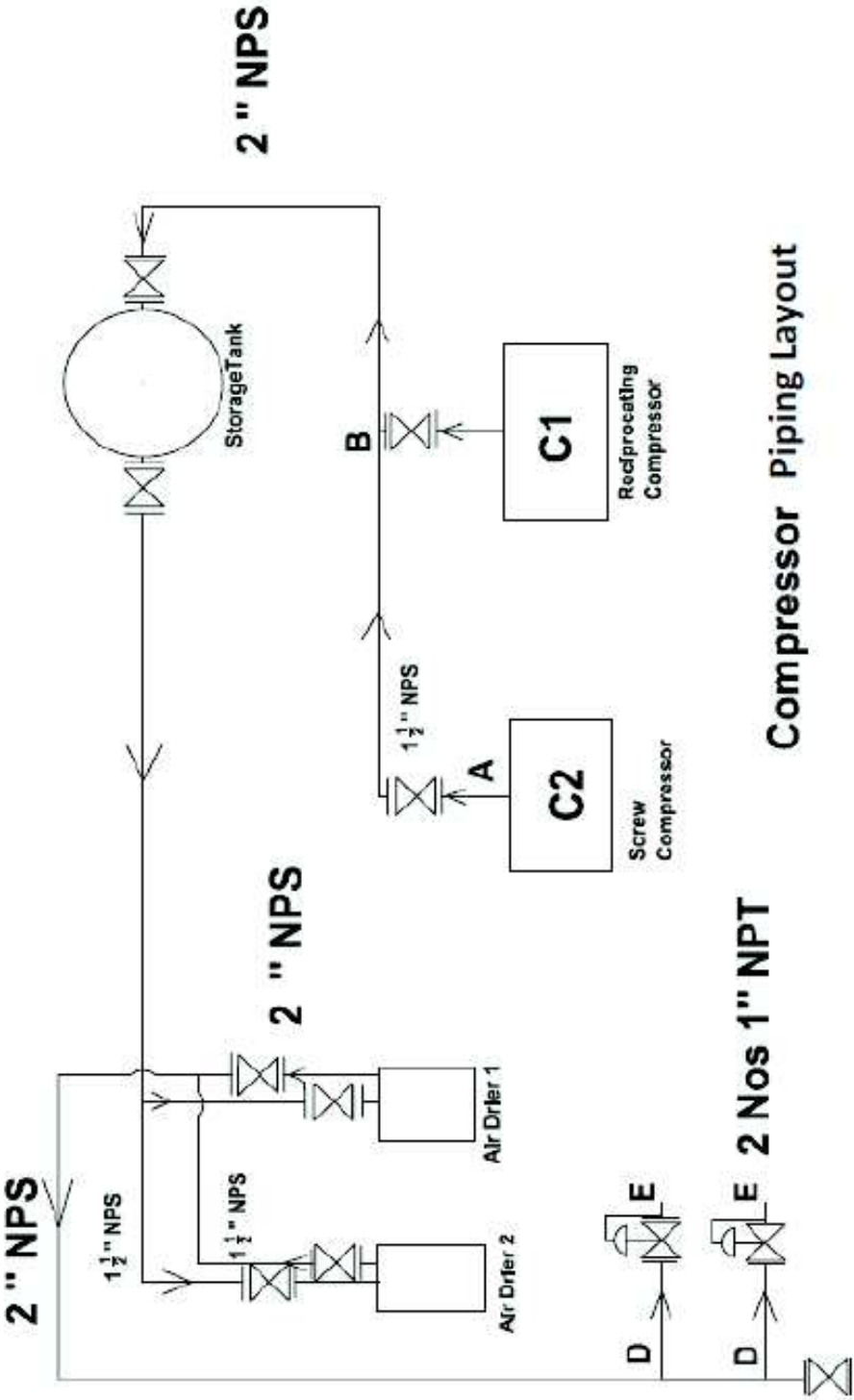
Mode of inspection: Visual. Inspection shall be done by application of soap-water mixture at the joints. Minimum pressure to be applied for test shall be 1.2 times the design pressure and maximum applicable pressure is 1.5 times the design pressure or maximum allowable test pressure of any component. Duration of testing shall be 2 hours. If the results of the tests are not found to be satisfactory by BHEL, necessary rectification shall be done until the test results are found to be satisfactory. Test shall be conducted in presence of BHEL officials and necessary precautionary measures shall be taken.

15. Guarantee Period:

The contractor shall guarantee the material and workmanship of the entire system for a period of **12 months** from the date of commissioning or **18 months** from the date of the supply of the items and hand over necessary documentations.

Guarantee / test certificates of equipment from suppliers / manufacturers shall be handed over to the BHEL.

In case of any defective equipment / material / workmanship, the contractor shall rectify/modify/replace the defective item at free of cost. Any delay on the part of the contractor in doing so, gives the owner the right to get the defect rectified through other agency and the cost for the same shall then be borne by the contractor.



Annexure-I

Technical Details of Compressors & Air Driers

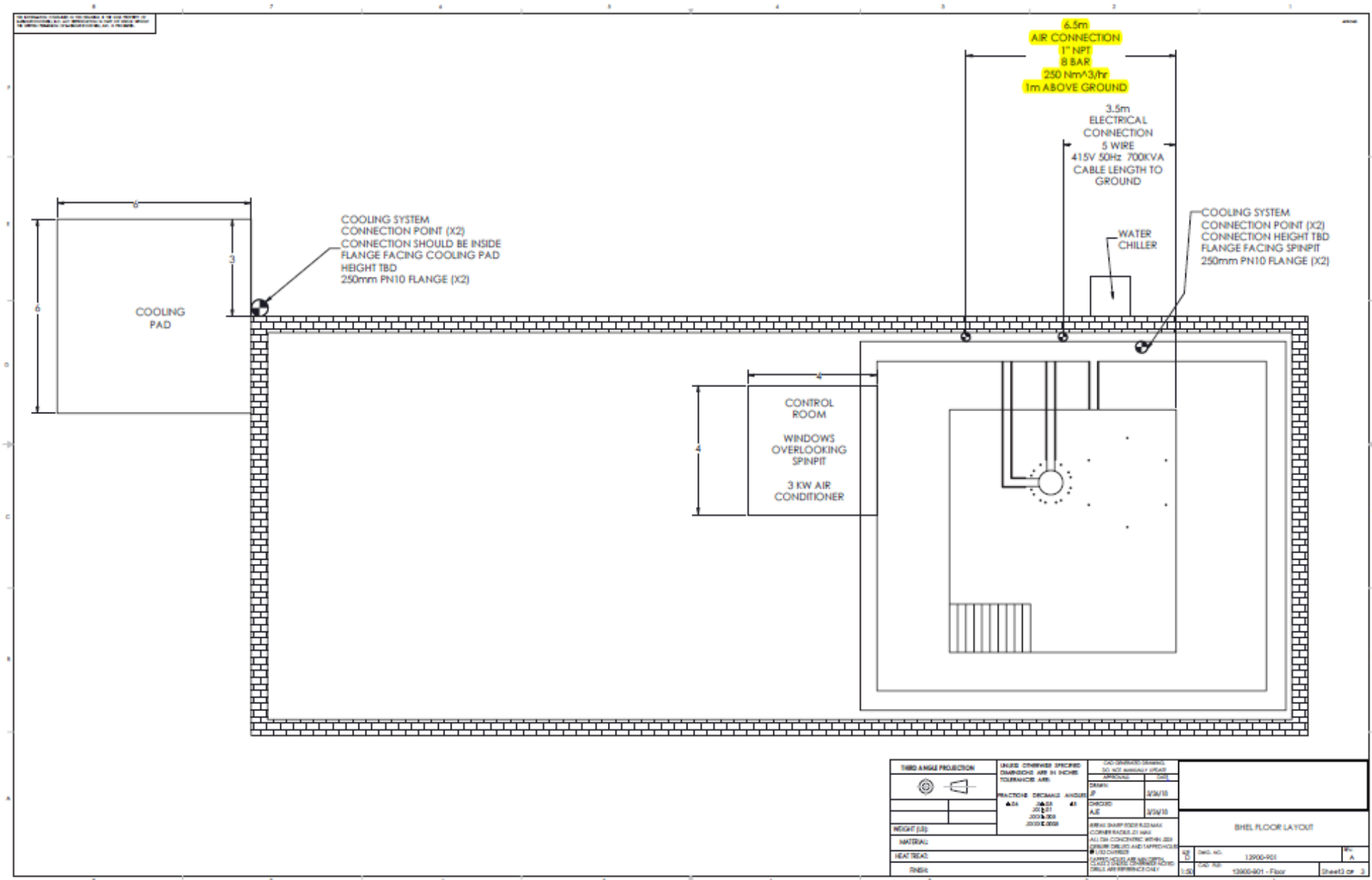
Reciprocating Type Compressor Kirloskar Make	Air Drier-1, Make Summits	Screw Type Compressor Kirloskar Make	Air Drier-2, Make Puronics Systems
Model: 2 HA 2 ST	Model : SRD 500	Model : KES 30-10	Model: RD 0200
Working Pressure : 17 Kg/cm ²	Capacity: 500 CFM	Working Pressure : 10 Kg/cm ² g	Capacity: 200 SCFM
Power: 30 KW	End Connection: 2 ^{1/2"}	Power: 30 KW	Min/Operating Pressure: 6 BAR Max. Operating Pressure: 12 BAR

Annexure-II
Bill of Material (BOM)

SL	DESCRIPTION	QTY	UNIT
1	SS 304 Ball isolation valve 2" (Flanged End) to with stand pressure of 30 kgf/cm2 with SS forged fittings and accessories	5	NOS
2	SS 304 Ball isolation valve 1 ½ " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	3	NOS
3	SS 304 Ball isolation valve 1 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	1	NO
4	SS 304 Non Return Valve 2 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	2	NOS
5	SS 304 PRV 1" with outlet pressure indicator with accessories with pressure ranging from 6 to 20 kgf/cm2 .	2	NOS
6	Suitable pipe fittings & accessories for size (2", 1.5" & 1" as per SA312TP304H), Piping supports, Fasteners & gaskets, Painting & Color coding	1	LS
7	E&C of the piping system along with the accessories, support equipment to complete laying of piping from compressor house to test bed.	1	SET

****NOTE-BHEL will issue the below seamless pipe materials.**

SL	DESCRIPTION (ODX THKXLENGTH in mm)	QTY (MTR)
1	60.3 x 2.77 x 6000 – SA312TP304H	90
2	48.3 x 3.68 x 6000 – SA312TP304H	24
3	33.4 x 2.77 x 6000 – SA312TP304H	18



PRICE BID FORMAT- ANNEXURE-A-1

SL	DESCRIPTION	QTY	UNIT	QUOTED / NOT QUOTED	CURRENCY	UNIT RATE (VENDOR TO FILL ITEM WISE)	TAX DETAILS IN %	TOTAL MATERIAL / SERVICE VALUE	TOTAL TAX AMOUNT	OTHERS CHARGES (PACK, FWD & INSURANCE etc)%	TOTAL VALUE (MATL /SERVICE+TAX+O THERS)	REMARKS
1	SS 304 Ball isolation valve 2" (Flanged End) to with stand pressure of 30 kgf/cm2 with SS forged fittings and accessories	5	NOS	0	0		0%	0.00	0.0	0.0	0.0	0
2	SS 304 Ball isolation valve 1 ½ " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	3	NOS	0	0		0%	0.00	0.0	0.0	0.0	0
3	SS 304 Ball isolation valve 1 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	1	NO	0	0		0%	0.00	0.0	0.0	0.0	0
4	SS 304 Non Return Valve 2 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	2	NOS	0	0		0%	0.00	0.0	0.0	0.0	0
5	SS 304 PRV 1" with outlet pressure indicator with accessories with pressure ranging from 6 to 20 kgf/cm2 .	2	NOS	0	0		0%	0.00	0.0	0.0	0.0	0
6	Suitable pipe -fittings & accessories for size (2", 1.5" & 1" as per SA312TP304H), Piping supports, Fasteners & gaskets, Painting & Color coding	1	LS	0	0		0%	0.00	0.0	0.0	0.0	0
7	E&C of the piping system along with the accessories, support equipment to complete laying of piping from compressor house to test bed.	1	SET	0	0		0%	0.00	0.0	0.0	0.0	0
	TOTAL=							0.00	0.0	0.0	0.0	

OFFER WILL BE EVALUATED UNDER PACKAGE BASIS. (SUPPLY, ERRECTION& COMMISIONING)

TECHNICAL BIDDING FORMAT- ANNEXURE-A				VENDOR TO FILL THE DATA					
SL	DESCRIPTION	QTY	UNIT	HSN CODE	QUOTED / NOT QUOTED	CURRENCY	TAX DETAILS IN %	OTHERS CHARGES (PACK, FWD & INSURANCE etc)%	REMARKS/DEVIATION IF ANY
1	SS 304 Ball isolation valve 2" (Flanged End) to with stand pressure of 30 kgf/cm2 with SS forged fittings and accessories	5	NOS						
2	SS 304 Ball isolation valve 1 ½ " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	3	NOS						
3	SS 304 Ball isolation valve 1 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	1	NO						
4	SS 304 Non Return Valve 2 " (Flanged End) to withstand pressure of 30 kgf/cm2 with SS forged fittings and accessories	2	NOS						
5	SS 304 PRV 1" with outlet pressure indicator with accessories with pressure ranging from 6 to 20 kgf/cm2 .	2	NOS						
6	Suitable pipe -fittings & accessories for size (2", 1.5" & 1" as per SA312TP304H), Piping supports, Fasteners & gaskets, Painting & Color coding	1	LS						
7	E&C of the piping system along with the accessories, support equipment to complete laying of piping from compressor house to test bed.	1	SET						
	TOTAL=	15							

REMARKS:-

- 1) OFFER WILL BE EVALUATED UNDER PACKAGE BASIS. (SUPPLY , ERRECTION& COMMISIONING)
2) VENDOR SHOULD SUBMIT OFFER ON FOR DESTINATION BHEL CORPORATE R&D-HYDERABAD BASIS