



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

PHONES: 23774494 (EXT: 9804)
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RD:DP:MPX:F-04

ENQUIRY

Ref: 581900621

Date 18-06-2019

To
OFFICE COPY

Enquiry for **ELECTRONIC COMPONENTS**

Enquiry No: 581900621

Enquiry Date : 18-06-2019

Due Date: 09-07-2019

Indicative Delivery Date : 31-08-2019

Sl.No	Item Description	Unit	Qty
1	IC LIN OPAMP QUAD- Quad Low Offset, Low Power Operational Amplifier P/N: OP400-HSZ	NO	40
2	Inductor, 10μH P/N: RL622-100K-RC	NO	10
3	Electrolytic Capacitor, 33 μF, 50V P/N: ECE-A1HN330U	NO	10
4	Electrolytic Capacitor, 22 μF, 50V P/N: EEUFC1H220	NO	10
5	Multilayer Ceramic capacitor, 10000pF, 100V P/N: SR211C103KARTR1	NO	10
6	SMD Multilayer Ceramic capacitor, 10000pF, 100V P/N: C1206C103JIRACTU	NO	50
7	SMD Multilayer Ceramic capacitor, 1μF, 50V P/N: 12065C105JAT2A	NO	50
8	SMD Multilayer Ceramic capacitor, 2.2 μF, 50V P/N : GRT31CR71H225KE13L	NO	50
9	SMD Multilayer Ceramic capacitor, 0.1 μF, 50V P/N: C1206C104K5RACTU	NO	50
10	SMD Resistor 75K, Case 1206, 0.25W P/N: MCSR12X7502FTL	NO	200
11	SMD Resistor 10R, Case 1206, 0.25W P/N: RC1206FR-0710RL	NO	200
12	SMD Resistor 1K, Case 1206, 0.25W P/N: RC1206FR-071KL	NO	300
13	SMD Resistor 510R, Case 1206, 0.25W P/N: RC1206FR-07510RL	NO	200
14	SMD Resistor 1K6, Case 1206, 0.25W P/N: CRCW12061K60FKEA	NO	200
15	SMD Resistor 100R, Case 1206, 0.25W P/N: RC1206FR-07100RL	NO	200
16	SMD Resistor 3K9, Case 1206, 0.25W P/N: RC1206FR-073K9L	NO	200
17	SMD Resistor '0' R, Case 1206, 0.25W P/N: RC1206FR-070RL	NO	200
18	IGBT, 1200V, 20A, TO-263 AA package P/N: IXGA20N120A3-IXYS	NO	26
19	POWER DIODE 1000V 5A, SMD P/N: S5MC-13-F	NO	50
20	ZENER DIODE, Zener Voltage Vz = 20V, Type SMD, Marking code = 81A P/N: MMBZ5250B-V-GS08	NO	50
	DIODE SMD, 1N4007, Marking M7		

21	P/N: 1N4007 SMD PACKAGE	NO	100
22	MOV, 72J, 250VAC, 330VDC P/N: V250LA20AP	NO	50
23	SMD RESISTOR Thick film, 20 OHM, Case 1206, 0.25W P/N: RC1206FR-0720RL	NO	200
24	SMD RESISTOR Thick film, 1M OHM, Case 1206, 0.25W P/N: RC1206FR-071ML	NO	200
25	SMD CAPACITOR Multilayer Ceramic capacitor MLCC, 2700pF 50V, Case 1206 P/N: C1206C272J5GACTU	NO	50
26	16 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08	NO	20
27	MOV 130V/20J P/N: V130LA5P	NO	20
28	Polyester Metal Capacitor, 0.1µF,10%,250V P/N: BFC236845104	NO	50
29	Ceramic capacitor,10nF,20%,3KV P/N: 564R30GAS10	NO	50
30	Standard Metal Film Leaded Resistors 68R, 0.5W, 1%	NO	100
31	8 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08	NO	20
32	8 PIN Female CONNECTOR, PCB mountable Right angled, locking type P/N: MSTB 2,5/ 8-STF-5,08	NO	20
33	SMD Resistor 160K ohms P/N: MCHP122WF1603T4E	NO	50
34	SMD Resistor 4.7K ohms P/N: MCHP1206S4F4701T5E	NO	50
35	SMD Resistor 390 ohms P/N: CRCW1206390RFKEA	NO	50
36	SMD Resistor 10K ohms P/N: CRCW120610K0FKEA	NO	50
37	Dual Optocoupler P/N: MCT 62 S	NO	20
38	Tantalum Electrolytic Capacitor 47uF 20% 63V P/N: UFW1J470MED1TA	NO	10
39	SMD Resistor 82K ohms, 1% P/N: 352182KFT	NO	50
40	Octal High Voltage, High Current Darlington Arrays P/N:ULN 2804A	NO	05
41	Octal Buffer and Line Driver P/N: SN74LS240N	NO	05
42	Inverters Hex Inverter P/N: DM74LS14N	NO	05
43	Fiber Optic Transmitters, Receivers, Transceivers P/N: HFBR-2412TZ	NO	05
44	PCB Relay P/N: JS-24N-K	NO	50
45	Power Supply P/N: SUCSW62405C Make: Cosel	NO	05
46	PCB Mountable Chokes P/N: KEMET SU9V-R05034	NO	20
47	DC DC Converter P/N: TEN 8-2423 Make: TRACOPOWER	NO	03

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

Sl.No Vendor Name and code

1

Tanuja Priyadarshini
Sr Engineer
tanujap@bhel.in

	ENQUIRY & QUALIFYING CRITERIA	Volume - 1 Enquiry No 581900621
ELECTRONIC COMPONENTS		

1	Tendor inviting officer / Authority, Designation and Address	Additional General Manager(MM) BHEL R & D, Vikas Nagar (Near Balanagar), Hyderabad -500093
		1) IC LIN OPAMP QUAD- Quad Low Offset, Low Power Operational Amplifier P/N: OP400-HSZ - 40 NO 2) Inductor, 10 μ H P/N: RL622-100K-RC - 10 NO 3) Electrolytic Capacitor, 33 μ F,50V P/N: ECE-A1HN330U - 10 NO 4) Electrolytic Capacitor, 22 μ F, 50V P/N: EEUFC1H220 - 10 NO 5) Multilayer Ceramic capacitor, 10000pF, 100V P/N: SR211C103KARTR1 - 10 NO 6) SMD Multilayer Ceramic capacitor, 10000pF, 100V P/N:C1206C103JIRACTU - 50 NO 7) SMD Multilayer Ceramic capacitor, 1 μ F, 50V P/N: 12065C105JAT2A - 50 NO 8) SMD Multilayer Ceramic capacitor, 2.2 μ F, 50V P/N : GRT31CR71H225KE13L - 50 NO 9) SMD Multilayer Ceramic capacitor, 0.1 μ F, 50V P/N: C1206C104K5RACTU - 50 NO 10) SMD Resistor 75K, Case 1206, 0.25W P/N: MCSR12X7502FTL - 200 NO 11) SMD Resistor 10R, Case 1206, 0.25W P/N: RC1206FR-0710RL - 200 NO 12) SMD Resistor 1K, Case 1206, 0.25W P/N: RC1206FR-071KL - 300 NO 13) SMD Resistor 510R, Case 1206, 0.25W P/N: RC1206FR-07510RL - 200 NO 14) SMD Resistor 1K6, Case 1206, 0.25W P/N: CRCW12061K60FKEA - 200 NO 15) SMD Resistor 100R, Case 1206, 0.25W P/N: RC1206FR-07100RL - 200 NO 16) SMD Resistor 3K9, Case 1206, 0.25W P/N: RC1206FR-073K9L - 200 NO 17) SMD Resistor '0' R, Case 1206, 0.25W P/N: RC1206FR-070RL - 200 NO 18) IGBT, 1200V, 20A, TO-263 AA package P/N: IXGA20N120A3-IXYS - 26 NO 19) POWER DIODE 1000V 5A, SMD P/N: S5MC-13-F - 50 NO 20) ZENER DIODE, Zener Voltage Vz = 20V, Type SMD, Marking code = 81A P/N: MMBZ5250B-V-GS08 - 50 NO 21) DIODE SMD, 1N4007, Marking M7 P/N: 1N4007 SMD PACKAGE - 100 NO 22) MOV, 72J, 250VAC, 330VDC P/N: V250LA20AP - 50 NO 23) SMD RESISTOR Thick film, 20 OHM, Case 1206, 0.25W P/N: RC1206FR-0720RL - 200 NO 24) SMD RESISTOR Thick film, 1M OHM, Case 1206, 0.25W P/N: RC1206FR-071ML - 200 NO 25) SMD CAPACITOR Multilayer Ceramic capacitor MLCC, 2700pF 50V, Case 1206 P/N: C1206C272J5GACTU - 50 NO

2	Item Description - Qty	26) 16 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08 - 20 NO 27) MOV 130V/20J P/N: V130LA5P - 20 NO 28) Polyester Metal Capacitor, 0.1µF,10%,250V P/N: BFC236845104 - 50 NO 29) Ceramic capacitor,10nF,20%,3KV P/N: 564R30GAS10 - 50 NO 30) Standard Metal Film Leaded Resistors 68R, 0.5W, 1% - 100 NO 31) 8 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08 - 20 NO 32) 8 PIN Female CONNECTOR, PCB mountable Right angled, locking type P/N: MSTB 2,5/ 8-STF-5,08 - 20 NO 33) SMD Resistor 160K ohms P/N: MCHP122WF1603T4E - 50 NO 34) SMD Resistor 4.7K ohms P/N: MCHP1206S4F4701T5E - 50 NO 35) SMD Resistor 390 ohms P/N: CRCW1206390RFKEA - 50 NO 36) SMD Resistor 10K ohms P/N: CRCW120610K0FKEA - 50 NO 37) Dual Optocoupler P/N: MCT 62 S - 20 NO 38) Tantalum Electrolytic Capacitor 47uF 20% 63V P/N: UFW1J470MED1TA - 10 NO 39) SMD Resistor 82K ohms, 1% P/N: 352182KFT - 50 NO 40) Octal High Voltage, High Current Darlington Arrays P/N:ULN 2804A - 05 NO 41) Octal Buffer and Line Driver P/N: SN74LS240N - 05 NO 42) Inverters Hex Inverter P/N: DM74LS14N - 05 NO 43) Fiber Optic Transmitters, Receivers, Transceivers P/N: HFBR-2412TZ - 05 NO 44) PCB Relay P/N: JS-24N-K - 50 NO 45) Power Supply P/N: SUCSW62405C Make: Cosel - 05 NO 46) PCB Mountable Chokes P/N: KEMET SU9V-R05034 - 20 NO 47) DC DC Converter P/N: TEN 8-2423 Make: TRACOPOWER - 03 NO
3	Enquiry Reference no.	581900621
4	Indicative Delivery Date	31-08-2019

5	Due date, Time and place for submission of tender	09-07-2019 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. 09-07-2019, 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: 'rnd-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 581900621
ELECTRONIC COMPONENTS		

SL.No.	Clause	BHEL REQUIREMENT
1	Preferences to MSEs	Preferences as mentioned in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 shall be given to Micro and Small enterprises. Main points which are mentioned in the above Policy are as follows: 1) In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 percent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply at least 20 percent of total tendered value provided that the tendered quantity is divisible into two or more orders and adequate for the purpose; all qualifying bidders have agreed for acceptance of part-order quantity and participating MSE matches the L1 rate. 2) In case that two or more MSEs are within the L1 +15% band, all such MSEs will be offered the opportunity to match the L1 rate and 20% of the order will be shared equally by them. 3) Where the MSE is SC/ST owned, they shall be exclusively awarded a share of 4% of the above 20% in addition to equally sharing the balance 16% with other non-SC/ST MSEs . 4) In case of more than one SC/ST MSE matching the L1 price, they shall equally share 4% of the order , and additionally share the balance 16% with other non-SC/ST MSE bidders. 5) Up to 4% of the tendered quantity shall be procured from MSE's owned by SC/ST's at L1 price. Failure to participate by any MSE owned by SC/ST's this quantity shall be procured from other MSEs. 6) Above preferences are for procurement of only goods produced and services rendered by MSEs and not for any trading activities by them. An MSE Unit will not get any purchase preference over another MSE Unit. 7) MSE bidders must submit registration certificates from bodies specified by the Ministry of MSME. 8) SC/ST owned enterprises (i.e. SC/ST proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies) shall additionally submit relevant SC/ST certificates issued by any of the following: District/Additional District Magistrate /Collector/Deputy Commissioner/ Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/Sub-divisional Magistrate / Taluka Magistrate / Executive Magistrate/ Extra Assistant Commissioner Chief Presidency magistrate /Additional Chief Presidency magistrate /Presidency magistrate Revenue Officer not below the rank of Tehsildar Sub-divisional Officer of the area where the individual and/or his family normally resides a. The registration shall be valid as on date of placement of order. A self- attested photocopy of the relevant certificate shall be submitted as a support document. b. The registration must be for the items/category of items /services relevant to the tendered items/category of items/services All these benefits are subject to production of all statutory documents as per General Terms & Conditions (GTC) of enquiry along with Udyog Aadhaar Number
2	Preference to Make in India	For this procurement, Public Procurements (Preference to make in India), order 2017 dated 15.06.2017 & 28.05.2018 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. Default margin of purchase preference shall be 20% to local suppliers with default minimum local content of 50%.
3	General	a. All offers must include name of the contact person, phone no/mobile no, Fax no, email-id. Unsigned offers are liable for rejection. b. We, BHEL R&D, is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs Duty exemption in terms of Government Notification no.24/2007- Customs dated 01-Mar-2007 & Central Excise Duty Exemption in terms of Government Notification No. 16/2007-Central Excise dated 01-Mar-2007 as amended from time to time. Hence suppliers are requested to submit their bids clearly stating applicable taxes/duties. All foreign quotes will be evaluated with custom duty @ 5.15% for cost comparison. c. Taxes & Duties quoted will be taken for evaluation of landed cost & order placement and no change will be entertained later except in the case of changes made by the government. However please note that we are availing cenvat credit for service tax and hence service tax will be excluded in calculation of landed cost to BHEL. In case any Taxes/ Duties exempted, a self declaration for the same may be attached to the offer. Changes in taxes and duties because of the changes in turn over etc will be to supplier's account. d. Where ever vendor registration form and EFT details have been submitted earlier, the same need not be submitted again unless there is a change. e. BHEL R&D do not issue 'C' form . f. L1 status shall be decided on Cost to BHEL Basis.
4	Late Tenders	Tenders received after due date/time(12:00hrs) will not be considered

5	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.
6	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.
7	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.
8	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.
9	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.
10	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.
11	Risk Purchase	In case of default/late delivery, BHEL reserves the right to make alternate arrangement for procurement at suppliers risk and cost.
12	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
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	ITEM WISE L1	Order(s) will be placed on item-wise L1 basis. BHEL reserves the right to procure part of scope of supply.
15	Destination	Indian Vendors: Destination shall be Stores, BHEL R&D, Vikasnagar, Hyderabad-500093. Foreign Vendors: 1) BHEL R.O.D Office, Mumbai, India for sea consignments and 2) BHEL R&D, Hyderabad, India for air consignments.
16	Arbitration	Subject to the jurisdiction of Hyderabad/Secunderabad, Andhra Pradesh, India in respect of any suit or other legal proceedings relating this contract.
17	Micro Small Enterprises (MSEs)	MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Two years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with CA certificate (Format as below) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) Where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents. Certificate by chartered Accountant on letter head This is to certify that M/s (hereinafter referred to as 'company') having its registered office at is registered under MSMED Act 2006, (Entrepreneur Memorandum No(Part-II) dtd....., Category..... (Micro/Small). (Copy enclosed). Further verified from the Books of Accounts that the investment of the company as on date..... as per MSMED Act 2006 is as follows :

		1. For manufacturing Enterprises : Investment in plant and machinery (i.e. Original cost excluding land and building and the items specified by the ministry of small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006. 2. For Service Enterprises : Investment in equipment (Original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006: Rs..... Lacs The above investment of Rs..... Lacs is within permissible limit of Rs..... Lacs for.....Micro/Small (Strike off which is not applicable) Category under MSMED Act 2006. Date: (Signature) Name- Membership number -- Seal of Chartered Accountant
18	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
19	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.
20	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 581900621
ELECTRONIC COMPONENTS		

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	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-cooffers@bhel.in' only. Copies should not be marked to anyone. If the offers are marked to anyone other than to cooffers, 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.	
4	Validity of Offer	90 days from date of techno-commercial bid opening.	
5	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.	
6	Freight & Insurance	Insurance will be arranged by BHEL in case of FOB basis supplies. In such cases ,an amount of 3% towards freight and insurance will be added for cost comparison.	
		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.	

7	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.	
8	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	
9	Nature of Vendor submitting the Offer	OEM / Agent / Representative / Dealer / Distributor / Stockist / Trader / Reseller / Channel Partner/ System Integrator / Any Other (Pl. Specify)	
10	Foreign Suppliers without Indian Agent	To be quoted in Foreign Currency. Purchase Order will be placed on Foreign Supplier.	
11	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	
		BHEL standard payment term	

12	Payment terms for Foreign Offers (Supply)	"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.	
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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 581900621
ELECTRONIC COMPONENTS		

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Payment terms for Indian vendors	100% Basic payment within 30 days from receipt and acceptance of material & payment of GST against submission of proof and reflection of the same in GSTR-1	
2	Technical queries	Contact: Mr. Atanu Biswas , Manager; (Ph:9441528117) ; email id :- atanubiswas@bhel.in , for any technical queries.	
3	Concessional Duty	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	Packing & forwarding charges, freight and insurance charges, if any	Mention the packing & forwarding , freight & insurance , if any in terms of % of basic cost.	

Signature of the bidder with Seal & Date

		ITEM SPECIFICATIONS		Volume - 2 Enquiry NO 581900621	
ELECTRONIC COMPONENTS					
SL.No.	Item				
1	IC LIN OPAMP QUAD- Quad Low Offset, Low Power Operational Amplifier P/N: OP400-HSZ				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	No. of Amplifiers	4 Amplifier		
	2	Bandwidth	500kHz		
	3	Number of Pins	16		
	4	Slew Rate	0.15V/us		
	5	Amplifier Case Style	SOIC		
	6	Operating Temperature	-40°C to 85°C		
	7	Series	OP400 Series		
2	Inductor, 10μH P/N: RL622-100K-RC				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Inductor, 10μH	RF CHOKE, 10μH, 3A, 10%, 14MHZ		
	3	Electrolytic Capacitor, 33 μF,50V P/N: ECE-A1HN330U			
		sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
		1	Electrolytic Capacitor, 33 μF,63V	Electrolytic Capacitor, 33 μF, 50 V, SU(Bi-polar) Series, ± 20%, Radial Leaded, 8 mm	
	4	Electrolytic Capacitor, 22 μF, 50V P/N: EEUFC1H220			
		sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
		1	Electrolytic Capacitor, 22 μF, 50V	Electrolytic Capacitor, 22μF, 50V,EEUFC Series, 20%, Radial	
5	Multilayer Ceramic capacitor, 10000pF, 100V P/N: SR211C103KARTR1				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Multilayer Ceramic capacitor, 10000pF, 100V	Multilayer Ceramic Capacitor, 10000 pF, 100 V, SkyCap SR Series, ± 10%, Radial Leaded, X7R		
6	SMD Multilayer Ceramic capacitor, 10000pF, 100V P/N:C1206C103JIRACTU				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	SMD Multilayer Ceramic capacitor, 10000pF, 100V	SMD Multilayer Ceramic Capacitor, 10000 pF, 100 V, 1206 [3216 Metric], ± 5%, X7R, C Series KEMET		
7	SMD Multilayer Ceramic capacitor, 1μF, 50V P/N: 12065C105JAT2A				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	SMD Multilayer Ceramic capacitor, 1μF, 50V	SMD Multilayer Ceramic Capacitor, 1 μF, 50 V, 1206 [3216 Metric], ± 5%, X7R,AVX 1206 MLCC		
8	SMD Multilayer Ceramic capacitor, 2.2 μF, 50V P/N : GRT31CR71H225KE13L				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	SMD Multilayer Ceramic capacitor,	SMD Multilayer Ceramic Capacitor, 2.2 μF, 50 V, 1206 [3216 Metric], ±		

		2.2 μ F, 50V	10%, X7R, GRT Series	
9	SMD Multilayer Ceramic capacitor, 0.1 μF, 50V P/N: C1206C104K5RACTU			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Multilayer Ceramic capacitor, 0.1 μ F, 50V	CAP, MLCC, X7R, 0.1UF, 50V, 1206, C series, $\pm$ 10%	
10	SMD Resistor 75K, Case 1206, 0.25W P/N: MCSR12X7502FTL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 75K	SMD Chip Resistor, 1206 [3216 Metric], 75 kohm, MCSR 12 Series, 200 V, Ceramic, 250 mW	
11	SMD Resistor 10R, Case 1206, 0.25W P/N: RC1206FR-0710RL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 10R	SMD Chip Resistor, 1206 [3216 Metric], 10 ohm, RC Series, 200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm$ 1%	
12	SMD Resistor 1K, Case 1206, 0.25W P/N: RC1206FR-071KL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 1K	SMD Chip Resistor, 1206 [3216 Metric], 1 kohm, RC Series, 200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm$ 1%	
13	SMD Resistor 510R, Case 1206, 0.25W P/N: RC1206FR-07510RL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 510R	SMD Chip Resistor, 1206 [3216 Metric], 510 ohm, RC Series, 200 V, Thick Film, 250 mW, $\pm$ 100ppm/ $^{\circ}$ C	
14	SMD Resistor 1K6, Case 1206, 0.25W P/N: CRCW12061K60FKEA			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 5K6	SMD Chip Resistor, 1206 [3216 Metric], 1.6 kohm, CRCW e3 Series, 200 V, Thick Film, 250 mW	
15	SMD Resistor 100R, Case 1206, 0.25W P/N: RC1206FR-07100RL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 100R	SMD Chip Resistor, 1206 [3216 Metric], 100 ohm, RC Series, 200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm$ 1%	
16	SMD Resistor 3K9, Case 1206, 0.25W P/N: RC1206FR-073K9L			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 3K9	SMD Chip Resistor, 1206 [3216 Metric], 3.9 kohm, RC Series, 200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm$ 1%	
17	SMD Resistor '0' R, Case 1206, 0.25W P/N: RC1206FR-070RL			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor '0' R	SMD Chip Resistor, 1206 [3216 Metric], 0 ohm, RC Series, 200 V, Thick Film, 250 mW, $\pm$ 100ppm/ $^{\circ}$ C	
18				

	IGBT, 1200V, 20A, TO-263 AA package P/N: IXGA20N120A3-IXYS				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Product Category	IGBT Transistors		
	2	Series	IXGA20N120		
	3	Voltage	Collector Emitter Breakdown (Max): 1200V		
	4	Maximun Collector Current	40A		
	5	Maximum Power	180W		
	6	Supplier/Device Package	TO-263 (IXGA)		
19	POWER DIODE 1000V 5A, SMD P/N: S5MC-13-F				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Repetitive Reverse Voltage Vrrm Max	1kV		
	2	Forward Current	5A		
	3	Diode Configuration	Single		
	4	Maximum forward Voltage	1.15V		
	5	Reverse Recovery Time	2.5μsec		
	6	Forward Surge Current	100A		
20	ZENER DIODE, Zener Voltage Vz = 20V, Type SMD, Marking code = 81A P/N: MMBZ5250B-V-GS08				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Zener Voltage (Vz)	20V		
	2	Power dissipation Pd	225mW		
	3	Diode Case Style	SOT-23		
	4	Zener Tolerance	±5%		
	5	No. of Pins	3		
	6	Maximum Operating Temp	150°C		
21	DIODE SMD, 1N4007, Marking M7 P/N: 1N4007 SMD PACKAGE				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Repetitive Reverse Voltage Vrrm	1kV		
	2	Forward Current	1A		
	3	Diode Configuration	Single		
	4	Max. forward Voltage	1.1V		
	5	Reverse Recovery Time	2μsec		
	6	Forward Surge Current	30A		
22	MOV, 72J, 250VAC, 330VDC P/N: V250LA20AP				
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations	
	1	Max Voltage Rating (DC)	330V		
	2	Max Voltage Rating (AC)	250V		
	3	Energy	72J		
	4	Mount	Through Hole, Radial		
	23	SMD RESISTOR Thick film, 20 OHM, Case 1206, 0.25W P/N: RC1206FR-0720RL			
		sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
		SMD RESISTOR Thick film, 20	SMD Chip Resistor, 1206 [3216 Metric], 20 ohm, CRCW e3 Series,		

	1	OHM, Case 1206, 0.25W	200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm 1\%$	
24	SMD RESISTOR Thick film, 1M OHM, Case 1206, 0.25W P/N: RC1206FR-071ML			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD RESISTOR Thick film, 1M OHM, Case 1206, 0.25W	SMD Chip Resistor, 1206 [3216 Metric], 1 Mohm, CRCW e3 Series, 200 V, Thick Film, 250 mW, Resistance Tolerance: $\pm 1\%$	
25	SMD CAPACITOR Multilayer Ceramic capacitor MLCC, 2700pF 50V, Case 1206 P/N: C1206C272J5GACTU			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD CAPACITOR Multilayer Ceramic capacitor MLCC, 2700pF 50V, Case 1206	SMD Multilayer Ceramic Capacitor, 2700 pF, 50 V, 1206 [3216 Metric], $\pm 5\%$, C0G / NP0	
26	16 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	16 PIN MALE CONNECTOR, Right angle type with screw fasteners	Terminal Block, Header, 5.08 mm, 16 Ways, 12 A, 320 V, Through Hole Right Angle	
27	MOV 130V/20J P/N: V130LA5P			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Voltage rating AC	130VAC	
	2	Voltage rating DC	175VDC	
	3	Surge Energy rating	20J	
	4	Minimum Operating Temp	-40 °C	
	5	Maximum Operating Temp	85 °C	
	6	Mounting	Through hole	
	7	Type	Radial Leaded Varistor	
	8	Disc Diameter	10mm	
28	Polyester Metal Capacitor, 0.1μF,10%,250V P/N: BFC236845104			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Polyester Metal Capacitor, 0.1 μ F,10%,250V	DC Film Capacitor, 0.1 μ F, 250 V, PET (Polyester), $\pm 10\%$, MKT368 Series, Radial Box	
29	Ceramic capacitor,10nF,20%,3KV P/N: 564R30GAS10			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Ceramic capacitor,10nF,20%,3KV	Ceramic Disc Capacitor, 10000 pF, 3 kV, 564R Series, $\pm 20\%$, Z5U, 9.5 mm	
30	Standard Metal Film Leaded Resistors 68R, 0.5W, 1%			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Standard Metal Film Leaded Resistors 68R	68 Ohm Metal Film Resistor 0.5W - 1%	
31	8 PIN MALE CONNECTOR, Right angle type with screw fasteners P/N: MSTB 2,5/ 16-GF-5,08			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	8 PIN MALE CONNECTOR, Right angle type with screw fasteners	Terminal Block, Header, 5.08 mm, 8 Ways, 12 A, 320 V, Through Hole Right Angle	
32	8 PIN Female CONNECTOR, PCB mountable Right angled, locking type P/N: MSTB 2,5/ 8-STF-5,08			

	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	8 PIN Female CONNECTOR, PCB mountable Right angled, locking type	Pluggable Terminal Block, 5.08 mm, 8 Ways, 24AWG to 12AWG, 2.5 mm ² , Screw, 12 A	
33	SMD Resistor 160K ohms P/N: MCHP122WF1603T4E			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 160K ohms	SMD Chip Resistor, 2512 [6432 Metric], 160 kohm, MCHP12 Series, 250 V, Thick Film, 2 W	
34	SMD Resistor 4.7K ohms P/N: MCHP1206S4F4701T5E			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 4.7K ohms	4.7K,1%, 0.25 Watts,100ppm, 1206, MC 1206 series	
35	SMD Resistor 390 ohms P/N: CRCW1206390RFKEA			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 390 ohms	SMD Chip Resistor, 1206 [3216 Metric], 390 ohm, CRCW e3 Series, 200 V, Thick Film, 250 mW	
36	SMD Resistor 10K ohms P/N: CRCW120610K0FKEA			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 10K ohms	SMD Chip Resistor, 1206 [3216 Metric], 10 kohm, CRCW e3 Series, 200 V, Thick Film, 250 mW	
37	Dual Optocoupler P/N: MCT 62 S			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Dual Optocoupler	Optocoupler, Transistor Output, 2 Channel, Surface Mount DIP, 8 Pins, 60 mA, 5 kV, 100 %	
38	Tantalum Electrolytic Capacitor 47uF 20% 63V P/N: UFWIJ470MED1TA			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Tantalum Electrolytic Capacitor 47uF 20% 63V	Aluminum Electrolytic Capacitors – Radial Leaded 47uF 20% 63V	
39	SMD Resistor 82K ohms, 1% P/N: 352182KFT			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	SMD Resistor 82K ohms, 1%	SMD Chip Resistor, 2512 [6432 Metric], 82 kohm, 3521 Series, 250 V, 2 W	
40	Octal High Voltage, High Current Darlington Arrays P/N:ULN 2804A			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Octal High Voltage, High Current Darlington Arrays	Darlington Transistors Eight NPN Array	
	2	Collector- Emitter Voltage VCEO Max	50V	
	3	Maximum DC Collector Current	0.5A	

	4	Mounting Style	Through Hole	
	5	Package/Case	PDIP-18	
	6	Product Type	Darlington Transistors	
	7	Dimensions	3.68 mm H * 23.24 mm L * 7.1 mm W	
41	Octal Buffer and Line Driver P/N: SN74LS240N			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Logic Device Type:	Buffer, Inverting	
	2	Logic Family / Base Number	74LS240	
	3	Logic Case Style	DIP	
	4	Number of Pins	20	
	5	Minimum Supply Voltage	4.75V	
	6	Max. Supply Voltage	5.25V	
42	Inverters Hex Inverter P/N: DM74LS14N			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Function:	Inverter Schmitt Trigger	
	2	Mounting Style	Through Hole	
	3	Package/Case:	PDIP W	
	4	Number of circuits	6	
	5	Minimum Supply Voltage	4.75V	
	6	Max. Supply Voltage	5.25V	
43	Fiber Optic Transmitters, Receivers, Transceivers P/N: HFBR-2412TZ			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Function:	Miniature Fiber Optic Receivers with Threaded ST Port	
	2	Data Rate	5Mbd	
	3	Series	HFBR-2	
	4	Wavelength:	820nm	
	5	Maximum Output Current:	25mA	
	6	Operating Supply Voltage	5V	
44	PCB Relay P/N: JS-24N-K			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Function	General Purpose Relays	
	2	Coil Voltage	24V	
	3	Contact Current rating	8A	
	4	Mounting Type	Through Hole	
	5	Relay Contact Form	1 Form C (SPDT-NO, NC)	
	6	Switching Voltage	400 V AC, 300V DC	
	7	Footprint	As per Annexure-I	
	8	Coil Type	Non-Latching	
	9	Contact Material	Gold Flash only	
	10	Enclosure	Plastic Sealed Type	
	11	Compliance	RoHS Compliant	

45	Power Supply P/N: SUCSW62405C Make: Cosel		
	sl no	Descriptions	BHEL Specifications
	1	Power Supply Input Voltage:	24V
	2	Output Wattage	6W
	3	Output Voltage/Current	5V, 1.2A
	4	Footprint:	As per Annexure-II
	5	Mounting type	DIP
	6	Series Name	SUC series
	7	Number of Outputs	1 (Single)
46	PCB Mountable Chokes P/N: KEMET SU9V-R05034		
	sl no	Descriptions	BHEL Specifications
	1	Inductance	3.4mH
	2	Rated Current	0.5A
	3	Style	Through Hole
	4	Voltage Range	250V AC
	5	Series	SU9V
	6	Footprint	As per Annexure-III
47	DC DC Converter P/N: TEN 8-2423 Make: TRACOPOWER		
	sl no	Descriptions	BHEL Specifications
	1	Input voltage range	18-36V DC
	2	Output Voltage	±15V DC
	3	Ripple and noise	Less than or equal to 50 mV pk-pk
	4	Temperature ranges – Operating	–40°C to +85°C
	5	EMI/EMC compliance	Compliance to IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6
	6	Baseplate material	Non-conductive plastic with shielded casing
	7	Mounting Type	PCB mountable, Through Hole
	8	Package / Case	24-DIP Module
	9	Current - Output (Max)	265mA
	10	Isolation Voltage (Input / Output)	1.5kV
	11	Power in Watts	8W
	12	FootPrint	Footprint drawing as per Annexure-IV

* 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

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)					
SL NO	SCOPE	C 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 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
				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
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.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 90% OF THE BASIC VALUE FOR DELIVERY PERIOD (Rounded off to nearest month) + ONE MONTH PLUS LC RELATED BANK CHARGES INCURRED BY BHEL
				PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE 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 the nearest month) + ONE MONTH AND LOADING @ (SBI BASE RATE ON TENDER OPENING DATE+ 6%) ON BALANCE (90-X)% FOR ONE MONTH
				PART ADVANCE (X%) PAYMENT BY WIRE TRANSFER /LC WITH BANK GUARANTEE 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 the 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)

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.



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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 brochures 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 SUPPIER (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



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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.

