



RD:DP:MPX:F-04
Ref: 841502631

ENQUIRY

Date 27-10-2015

Enquiry for Control Valves

Enquiry No:841502631

Enquiry Date : 27-10-2015

Due Date: 17-11-2015

Indicative Delivery Date : 30-01-2016

Sl.No	Item Description	Unit	Qty
1	Pressure control valve (PCV-01) for air	NO	01
2	Pressure control valve (PCV-02) for Steam	NO	01
3	Pressure control valve (PCV-03) for Syngas	NO	01
4	Flow control valve (FCV-01) for air	NO	01
5	Flow control valve (FCV-02) for air	NO	01
6	Flow control valve (FCV-05) for air	NO	01

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, General Terms & Conditions, Commercial Terms & Conditions etc.	Volume - 1
02	Technical specifications, Scope of Supply etc.	Volume - 2

Nalini Thilak
AGM (Purchase)
nalini@bhelrnd.co.in



ENQUIRY & QUALIFYING CRITERIA

Volume - 1
Enquiry No
841502631

Control Valves

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) Pressure control valve (PCV-01) for air - 01 NO 2) Pressure control valve (PCV-02) for Steam - 01 NO 3) Pressure control valve (PCV-03) for Syngas - 01 NO 4) Flow control valve (FCV-01) for air - 01 NO 5) Flow control valve (FCV-02) for air - 01 NO 6) Flow control valve (FCV-05) for air - 01 NO
3	Enquiry Reference no.	841502631
4	Indicative Delivery Date	30-01-2016
5	Due date, Time and place for submission of tender	17-11-2015 upto 12 noon. Sealed Quotations shall be addressed to AGM(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. 17-11-2015, 2 PM
7	Mode of Submission of Tender	<p>Please submit your offer in one common sealed cover containing two parts in separate sealed covers as detailed below.</p> <p>1) First Cover shall contain:</p> <ul style="list-style-type: none">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 bide. Copy of Price-bid with price(s) cells blank (un-priced price bid) <p>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.</p> <p>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.</p> <p>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: 'eoffers@bhelrnd.co.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.</p> <p>The e-mail offers should have two attachments.</p> <p>1) One attachment shall contain</p> <ul style="list-style-type: none">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 bide. Copy of Price-bid with price(s) cells blank (un-priced price bid) <p>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.</p> <p>The subject of the e-mail should contain Enquiry No, Enquiry Date and Due date.</p>



GENERAL TERMS & CONDITIONS (GTC)

Volume - 1
Enquiry No
841502631

Control Valves

Table with 3 columns: SL.No., Clause, and BHEL REQUIREMENT. It contains 14 rows of terms and conditions, including clauses on General requirements, Late Tenders, Discrepancy in words and figures, Two Part bid clarifications, Price Impacts, Price bid evaluation, Packing, Withdrawal, Risk Purchase, Banned List, Over All L1, Additional Information, Destination, and Arbitration.

15	Micro Small Enterprises (MSEs)	<p>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 :</p> <p>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.</p> <p>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</p> <p>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.</p> <p>Date:</p> <p>(Signature) Name- Membership number -- Seal of Chartered Accountant</p>
16	Foreign Vendors	<p>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 *).</p> <p>* The Agency Agreement shall specify 1) Agency commission, 2) Responsibilities of the agent, 3) Territory, 4) Agreement Period</p>
17	Inspection	<p>On receipt, the goods shall be subjected to inspection and our decision regarding the acceptability of the goods shall be final and binding on the suppliers.</p>

Signature of the bidder with Seal & Date



COMMERCIAL TERMS & CONDITIONS (CTC)

Volume - 1
Enquiry No
841502631

Control Valves

Table with 4 columns: SL.No., Clause, BHEL REQUIREMENT, and SUPPLIERS ACCEPTANCE / REMARKS. It contains 8 rows detailing various contract clauses such as Weight and Packing Dimensions, Validity of Offer, Price basis, LD Clause, Payment Terms, Freight & Insurance, Agency Agreement, and Delivery Period.

		meeting the delivery requirements of BHEL. Pl. mention any other issues/constraints like export clearance etc. explicitly, if any	
9	Taxes and duties	All Indian suppliers shall clearly mention current sales tax/VAT,Excise duty and Service Tax etc, if any,payable in addition to the quoted price and indicate applicable rates/percentage,item-wise clearly.The vendors should mention applicable Registration Number(s) specifically in their quotation.The suppliers are requested to submit their bids clearly stating applicable taxes and duties.The quoted taxes/duties will be taken for cost evaluation and order placement and no change will be entertained later except in the case of changes made by the government. 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. However Proof of payment of service tax is required to be submitted for reimbursement of the same.	
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	Indian Vendor Offering fully imported Equipment	To be quoted in Foreign Currency. Purchase order will be placed on Foreign Supplier. As BHEL R&D is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs Duty exemption, BHEL desires to import the equipment from foreign supplier with concessional custom duty. In case if it is not possible to quote in foreign currency for imported items, reasons for the same from OEM to be mentioned	
15	Indian Vendor Offering Equipment with partly imported & partly indigenous Items/Services	Imported Items to be quoted in Foreign Currency.(**) Purchase order for imported items will be placed on Foreign Supplier. Indigenous items/services to be quoted in Indian rupees.(**) Purchase order for indigenous items/services will be placed on Indian Supplier. ** 1) As BHEL R&D is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs Duty exemption, BHEL desires to import the foreign items from foreign supplier with concessional custom duty. 2) In case if it is not possible to quote in foreign currency for imported items, reasons for the same from Foreign Supplier to be mentioned. 3) Authorisation Letter from Foreign Supplier should be submitted.	
16	Indian Vendor offering Items manufactured/assembled/customized in India with imported/indigenous material/sub components.	Please specify both imported and indigenous content in percentage / customization done.	

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.

Signature of the bidder with Seal & Date

**ITEM SPECIFICATIONS**Volume - 2
Enquiry NO
841502631

Control Valves

SL.No.	Item			
1	Pressure control valve (PCV-01) for air			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	01	General	1.1 Application: Pressure Control valve 1.2 Tag No: PCV 01 1.3 Medium: Air 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size (Inlet/Outlet):D48.26x3.68/D48.26x3.68 1.7 Pipe material(Inlet/Outlet): SA106 Gr.B/SA106 Gr.B	
	02	Service Condition	2.1 Fluid State : Dry Air 2.2 Flow Rate (Min/Nor/Max)kg/hr: 50/130/250 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :5.0/6.0/7.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2 (g) : 1.0/3.0/4.0 2.5 Temperature (Min/Nor/max) deg C : 38/38/38 2.6 Maximum shutoff Pressure difference (kg/cm2(g): 7	
	03	Valve Body	3.1 Type of Body : Globe 3.2 No of ports : One 3.3 End Connection: 1.5" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Teflon V Ring 3.10 Bonnet Type: Standard 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug/Cage/stem): SS304 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
	04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
	05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
	06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
	07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
	08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V,DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel : Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify		
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better		

Pressure control valve (PCV-02) for Steam			
sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	General	1.1 Application: Pressure Control valve 1.2 Tag No: PCV 02 1.3 Medium: Steam 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size (Inlet/Outlet):D21.336x2.77/D21.336x2.77 1.7 Pipe material(Inlet/Outlet): SA106 Gr.B/SA106 Gr.B	
02	Service Condition	2.1 Fluid State : Super-heated Steam 2.2 Flow Rate (Min/Nor/Max)kg/hr: 3/7/20 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :3.0/5.0/7.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2 (g) : 1.5/2.5/3.5 2.5 Temperature (Min/Nor/max) deg C : 175/200/250 2.6 Maximum shutoff Pressure difference (kg/cm2(g): 7	
03	Valve Body	3.1 Type of Body : Globe 3.2 No of ports : One 3.3 End Connection: 1/2" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Graphoil 3.10 Bonnet Type: extended 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug/Cage/stem): SS316 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V.DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel :Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify	
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better	

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Pressure control valve (PCV-03) for Syngas			
sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	General	1.1 Application: Pressure Control valve 1.2 Tag No: PCV 03 1.3 Medium: Syngas 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size	

		(Inlet/Outlet):D88.9x5.49/D88.9x5.49 1.7 Pipe material(Inlet/Outlet): SS304/SS304	
02	Service Condition	2.1 Fluid State: Syn gas: Gas obtained from coal/Biomass gasification. Typical syn gas composition in Vol% is as follows CO= 12-18% N2=45-60% CO2=12-15% NH3=0.2% CH4=0.5-3% H2S=0.08% H2=10-18% H2O= 8-12 % Range of average Molecular Weight of syn gas: 25-27 2.2 Flow Rate (Min/Nor/Max)kg/hr: 50/150/250 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :0.5/2.0/3.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2 (g) : 0.1/0.25/0.5 2.5 Temperature (Min/Nor/max) deg C : 60/60/60 2.6 Maximum shutoff Pressure difference (kg/cm2(g)): 3.0	
03	Valve Body	3.1 Type of Body : Globe 3.2 No of ports : One 3.3 End Connection: 3" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Graphoil 3.10 Bonnet Type: Standard 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug/Cage/stem): SS316 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 Valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V,DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel : Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify	
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better	

4

Flow control valve (FCV-01) for air

sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	General	1.1 Application: Flow Control valve 1.2 Tag No: FCV 01 1.3 Medium: Air 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size (Inlet/Outlet):D48.26x3.68/D48.26.4x3.68	

		1.7 Pipe material(Inlet/Outlet): SA106 Gr.B/SA106 Gr.B	
02	Service Condition	2.1 Fluid State : Dry Air 2.2 Flow Rate (Min/Nor/Max)kg/hr: 20/100/200 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :1.0/3.0/4.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2 (g) : 0.5/2.0/3.0 2.5 Temperature (Min/Nor/max) deg C : 38/38/38 2.6 Maximum shutoff Pressure difference (kg/cm2(g): 4	
03	Valve Body	3.1 Type of Body : Globe 3.2 No of ports : One 3.3 End Connection: 1 1/2" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Teflon V Ring 3.10 Bonnet Type: Standard 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug//Cage/stem): SS304 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V,DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel : Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify	
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better	

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Flow control valve (FCV-02) for air			
sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	General	1.1 Application: Flow Control valve 1.2 Tag No: FCV 02 1.3 Medium: air 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size (Inlet/Outlet):D33.4x3.38/D33.4x3.38 1.7 Pipe material(Inlet/Outlet): SA106 Gr.B/SA106 Gr.B	
02	Service Condition	2.1 Fluid State : Dry Air 2.2 Flow Rate (Min/Nor/Max)kg/hr: 15/30/50 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :1.0/3.0/4.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2	

		(g) : 0.6/2.1/3.1 2.5 Temperature (Min/Nor/max) deg C : 38/38/38 2.6 Maximum shutoff Pressure difference (kg/cm2(g)): 4	
03	Valve Body	3.1 Type of Body : Globe 3.2 No of ports : One 3.3 End Connection: 1" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Teflon V Ring 3.10 Bonnet Type: Standard 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug//Cage/stem): SS304 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V,DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel : Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify	
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better	

6

Flow control valve (FCV-05) for air			
sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	General	1.1 Application: Flow Control valve 1.2 Tag No: FCV 05 1.3 Medium: air 1.4 Location: Outdoor 1.5 Duty : Modulating 1.6 Pipe Size (Inlet/Outlet):D33.4x3.4/D33.4x3.4 1.7 Pipe material(Inlet/Outlet): SA106 Gr.B/SA106 Gr.B	
02	Service Condition	2.1 Fluid State : Dry Air 2.2 Flow Rate (Min/Nor/Max)kg/hr: 20/100/150 2.3 Inlet pressure (Min/Nor/Max) kg/cm2 (g) :1.0/3.0/4.0 2.4 Outlet pressure (Min/Nor/Max) kg/cm2 (g) : 0.5/2.0/3.0 2.5 Temperature (Min/Nor/max) deg C : 38/38/38 2.6 Maximum shutoff Pressure difference (kg/cm2(g)): 4	
		3.1 Type of Body : Globe 3.2 No of ports : One	

03	Valve Body	3.3 End Connection: 1" Flanged, 3.4 End connection class Rating: Vendor to specify 3.5 Body Size: (Vendor to specify) 3.6 Port Size: (Vendor to specify) 3.7 Design CV: (Vendor to specify) 3.8 Body Material: ASTM A216 WCB 3.9 Packing Material: Teflon V Ring 3.10 Bonnet Type: Standard 3.11 Trim Form : Equal Percentage 3.12 Trim material (Seat/Plug//Cage/stem): SS304 3.13 Plug Type (Balanced/Unbalanced): (Vendor to specify) 3.14 Flow Entry (Below Seat/Above Seat): (Vendor to specify) 3.15 Valve outlet Velocity : Vendor to specify 3.16 Leakage Class : Class III 3.17 Noise Level: Less than 85dBA 3.18 Valve Lift: (Vendor to specify)	
04	Pneumatic Actuator	4.1 Model No & Size: Vendor to specify 4.2 Actuator Type: Diaphragm 4.3 Open at/Close at(kg/cm2g): Vendor to specify 4.4 Valve position on pneumatic air failure: Close	
05	Sizing	5.1 Valve opening % for maximum operating condition: less than 90% 5.2 Valve opening % for minimum operating condition: more than 15% 5.3 valve Turndown: Vendor to specify 5.4 Trim type (Top guided/cage guided) :Vendor to specify 5.5 Trim Type : Quick change type 5.6 Sizing should be as per ISA-S75.01 standard	
06	I2P Converter, Positioner	6.1 Make and Model: vendor to specify 6.2 Gauges: Two 6.3 Enclosure class: IP55 or better 6.4 Input Control Signal: 4-20mA,24V DC	
07	Air Filter Regulator	7.1 make & Model: Vendor to specify 7.2 Inlet Air Supply kg/cm2(g):3 to 5 7.3 Gauges: Yes	
08	Position Transmitter	8.1 Make and model: Vendor to specify 8.2 Type: LVDT 8.3 Output rating 4-20mA 8.4 Supply voltage: 24V,DC 8.5 Enclosure class:IP55 or better	
09	Hand Wheel	9.1 Hand Wheel :Yes 9.2 orientation (Top Mounted/Side mounted) : Vendor to specify	
10	Junction Box	10.1 Integral junction box for wiring: Yes 10.2 Cable glands: required 10.3 Enclosure class: IP 55 or better	

G General Specifications			
Sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
01	Documents along with offer	1.1 cross sectional drawing of valve model 1.2 Valve sizing calculation sheet 1.3 Calculated Noise level sheet	
02	Approval of drawing	Drawings should be sent for approval before fabrication.	
03	Document along with supply	3.1 Dimensional drawing 3.2 Data sheets/Manual 3.3 Pneumatic hookup diagram 3.4 Junction box wiring diagram 3.5 Test Certificates	
04	Delivery Address	The material is required to be delivered at BHEL Coal R&D Site, C/O. IICT Pilot Plant Complex, Road No.7, Nacharam Industrial Area, Hyderabad. (Contact Person: Mr Anjaiah) 040-27172027	
	Pre Dispatch Inspection	Inspection shall be carried out by BHEL.The Vendor shall give minimum of 7 days notice for inspection along with internal test certificates. Pl. mention Time in days required from PDI to Despatch =====	
	Minimum Acceptable Warranty	Supplier shall comply to the minimum acceptable warranty period.The offers of the suppliers not complying to the minimum warranty period will be rejected.The minimum acceptable warranty period is 12 months.	

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

Signature of the bidder with Seal & Date

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
				SAME	NIL
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 DELIVERY PERIOD(ROUNDED OF 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)	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)						
SLNO	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	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 (10-X)% FOR ONE MONTH	

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) MINIMUM ACCEPTABLE GUARANTEE / WARRANTY PERIOD(Y)	AGREED	NIL
			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’s 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 :



Corp. R&D
DIVISION
VIKAS NAGAR,

RD:MPX:F-13

Bharat Heavy Electricals Limited

HYDERABAD- 500 093 (INDIA)

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

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

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		
6		

9.0 REFERENCE LIST :

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

#	Customer	Volume / Year
1		
2		
3		
4		
5		
6		
7		

10.0 INFRASTRUCTURE / FACILITIES:

#	Facility (with specifications)	Age/ Year procured
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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 REGISTRITION
(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 brochures, 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



RD:MPX-F-13

Bharat Heavy Electricals Limited

Corp. R&D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 093 (INDIA)

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

GUIDE LINES REGARDING DEALINGS WITH INDIAN AGENTS OF FOREIGN SUPPLIERS

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

