

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	12-08-2024 17:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	12-08-2024 17:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10090001-edn Bangalore
Total Quantity/कुल मात्रा	62
Item Category/मद केटेगरी	IS ISOLATOR FOR 4-20 MA ANALOG INPUT (BHEL Material code: AY0624650006) , IS ISOLATOR FOR 24V DC CONTACT INPUT (BHEL Material code: AY0624650049)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	IS ISOLATOR FOR 4-20 MA ANALOG INPUT (BHEL Material code: AY0624650006)
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days

Bid Details/बिड विवरण	
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Payment Timelines	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM_No.1_4_2021_PPD_dated_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012

and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Is Isolator For 4-20 Ma Analog Input (bhel Material Code: Ay0624650006)	48
Schedule 2	Is Isolator For 24v Dc Contact Input (bhel Material Code: Ay0624650049)	14

IS ISOLATOR FOR 4-20 MA ANALOG INPUT (BHEL Material Code: AY0624650006) (48 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	48	30

IS ISOLATOR FOR 24V DC CONTACT INPUT (BHEL Material Code: AY0624650049) (14 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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100%	NA

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Kumar Bhagat	560026,MANAGER STORES,- GI Bharat Heavy Electricals Limited Electronics Division, Mysore Road, Bangalore - 560026 Karnataka India	14	30

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

2. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

4. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

5. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

6. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

A. PRE-QUALIFICATION REQUIREMENT (PQR)

Bidder should submit documentary evidence for PQC, for evaluating the eligibility of Bidder as per **Buyer s pecification document** in this bid.

B. Payment Timelines:

Type of Bidder	Payment Terms (Number of days)
Micro & Small Enterprises (MSEs)	45 days from CRAC date
Medium Enterprises	60 days from CRAC date
Non MSME	90 days from CRAC date

C. Contact Details:

Engineering Dept.	Tender Dept.
Mr. Aravind/ Manager	Mr. Dinesh Kumar Bhagat/ Manager
e-mail: aravindr@bhel.in	e-mail: dkbhagat@bhel.in
Tel: 080 26998183	Tel: 080 26998108

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.

4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action

in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---



**PRE-QUALIFICATION REQUIREMENT
FOR
INTRINSIC SAFE ISOLATOR BARRIER**


REVISION: 00


PAGE: 01 OF 03

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PRE-QUALIFICATION REQUIREMENT
FOR
INTRINSIC SAFE ISOLATOR BARRIER

		 EDN	<p align="center">PRE-QUALIFICATION REQUIREMENT FOR INTRINSIC SAFE ISOLATOR BARRIER</p>	
				REVISION: 00
				PAGE: 02 OF 03
<p align="center">COPYRIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.</p>			<p align="center"><u>GENERAL INSTRUCTIONS TO BIDDERS:</u></p> <p>Introduction: Bidders are required to submit technical offer for supply of INTRINSIC SAFE ISOLATOR BARRIER for material code & type specified in RFQ. All required documents against this Tender/Specification shall be submitted in English only.</p> <p>Pre-qualification requirements (PQR) are clearly mentioned in Page no 03 of 03 of this Document. In case Bidder does not meet Pre-qualification requirements, their offer will be summarily rejected and Bidder's Technical offers will not be evaluated.</p> <p>1. <u>Submission of documents:</u></p> <p>a. Documents listed in Page no 03 of 03 of this Document for meeting Pre-Qualification Requirements (PQR) should be submitted in a separate cover with "Pre-Qualification Document" written on cover.</p> <p>b. Vendor to clearly indicate ALL CHANGES in revised document with respect to previous revision unambiguously.</p> <p>c. BHEL reserves the right to reject the offer at any stage if any of the requirements are not met in totality.</p> <p><u>Evaluation methodology:</u></p> <p>a. Bidder's PQR document cover only will be opened first for review and evaluation by BHEL. In case the bidders offer do not meet the PQR, then corresponding techno-commercial offer will not be considered for further evaluation in the tender. Technical bids of those bidders who meet PQR shall be opened for review and further consideration.</p> <p>2. If required during evaluation of PQR and Technical offers/bids, vendor should be present at BHEL Electronic Division, Bengaluru, for discussions.</p> <p>3. This specification does not prohibit any vendor to submit their offer along with clause wise deviation from the specification. Changes in technical specification / Scope etc. shall be informed to Participating bidders only.</p>	

		 EDN	PRE-QUALIFICATION REQUIREMENT FOR INTRINISIC SAFE ISOLATOR BARRIER	<div>REVISION: 00</div> <div>PAGE: 03 OF 03</div>
COPYRIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.		<p style="text-align: center;"><u>Pre-Qualification Requirements (PQR)</u></p> <p>a) The bidder should be an OEM / Authorized dealer of OEM and have supplied offered INTRINISIC SAFE ISOLATOR BARRIER to control equipment manufacturer. Following supporting documents shall be submitted for meeting above requirements:</p> <ul style="list-style-type: none"> i) The bidders shall submit a list of INTRINISIC SAFE ISOLATOR BARRIER supplies made by them to control equipment manufacturer. Purchase order (un-priced) copy shall be submitted to BHEL for at least two such supplies of offered item, each of whose quantity individually shall not be less than 50 % of current tender quantity. ii) The vendor general information like registered office address, Manufacturing Plant address and financial statement such as balance sheet for past three years shall be filled and submitted along with the bid. iii) The bidders shall submit detailed technical datasheet along with 2 no IS ISOLATOR BARRIER (on returnable basis) on or before last date notified for submission of PQR documents. 		
		<p>b) The bidder other than OEM, who are submitting offer for this tender, shall have authorized representatives of OEM in India for sales, support related to Documentation, technical support and other co-ordination work. Letter from Original Manufacturers on OEM letterhead detailing authorized Indian representative details should be provided. Validity of authorization letter shall not expire before warranty period for the last item supplied under purchase order.</p>		
		<p>Note: PQR Clause(a) is not applicable for vendors registered with BHEL Electronics Division Bangalore against offered item.</p>		

BHEL Material Code: AY0624650006

Material Description: IS Isolator for 4-20 mA Analog Input

Smart active IS isolator, single channel for 2 or 3 wire

4-20 mA smart transmitter suitable for Zone 0, Group IIC.

Supply Voltage 24V DC.


Input 0/4-20mA, Output 0/4-20mA with 250V three port isolation.


Terminals suitable for 2.5 sqmm.

DIN rail mountable.

To be supplied with label / tagging strips.


Manufacturer Part number: MTL5541, KFD2-STC5-EX1


		<div><div><div>बि एच ई एल</div><div></div><div>EDN</div></div></div>	<div>PURCHASE SPECIFICATION FOR INTRINSIC SAFETY ACTIVE BARRIER – SINGLE CHANNEL ANALOG INPUT(AI)</div>		<div>REF: PS4092162</div> <div>REVISION: 00</div> <div>PAGE: 01 OF 02</div>	
<div>COPYRIGHT AND CONFIDENTIAL</div> <div>THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.</div>		<div>PURCHASE SPECIFICATION FOR INTRINSIC SAFETY ACTIVE BARRIER – SINGLE CHANNEL ANALOG INPUT(AI)</div>				
				<div>APPROVED BY</div> <div>ASHISH AGRAWAL</div>		
			<div>PREPARED BY</div> <div>ARAVIND R</div>	<div>ISSUED</div> <div>409</div>	<div>DATE</div> <div>29/06/2024</div>	

		 EDN	PURCHASE SPECIFICATION FOR INTRINSIC SAFETY ACTIVE BARRIER – SINGLE CHANNEL ANALOG INPUT(AI)	REF: PS4092162 REVISION: 00 PAGE: 02 OF 02
		AA) Application: The Isolating Active Barrier is required for acquiring the AI signals from the hazardous area, isolates it and repeats the AI signal to the control system in the safe area. The Isolating Active Barrier shall transfer the values of AIs from hazardous areas to safe areas. The input card of the control system shall measure the same load as if it were connected directly to the Analog input transmitter (2 wire or 3 wire) 4-20 mA SMART transmitter in a hazardous area.		
COPYRIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.		BB) Technical Specification: a) The interface shall be compatible with single channel 2- OR 3-wire 0-20 mA OR 4-20 mA input signal, Smart active IS isolator, suitable for Zone 0, Group IIC b) Supply Voltage 24 V DC. c) Output 0/4-20mA with 250V three port isolation d) Screw Terminal connection suitable for 2.5 sq.mm. e) Mounting on 35 mm DIN mounting rail. f) To be supplied with label / tagging strips. CC) Acceptable Manufacturer Part Numbers: g) Eaton MTL5541 h) Pepperl+Fuchs KFD2-STC5-EX1 DD) Documentation: i) Vendor to submit bill of material with offered part number & technical literature of the offered model, along with the offer. j) Vendor to submit manual in softcopy, explaining how to setup, install, or program, in the event of ordering. k) Vendor to submit Test Certificate / Hazardous Area Certification including PESO certificate etc/ Declaration of Conformity, in the event of ordering.		
		EE) Quality Inspection / Acceptance Testing at BHEL EDN on receipt of material: l) General appearance checks on sample basis (sample size as per IS2500 Standard)		
		FF) Warranty: Warranty shall be as per general T&C of the contract.		

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PRE-QUALIFICATION REQUIREMENT
FOR
INTRINSIC SAFE ISOLATOR BARRIER

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		<p>Note: PQR Clause(a) is not applicable for vendors registered with BHEL Electronics Division Bangalore against offered item.</p>		

BHEL Material Code: AY0624650049

Material Description: IS Isolator for 24V DC Contact Input

Single channel switch amplifier with line break and phase reversal detection.

suitable for Zone 0, Group IIC.


Supply Voltage 24V DC. with 250V three port isolation.


Terminals suitable for 2.5 sqmm.

DIN rail mountable.

to be supplied with label/tagging strip.

Manufacturing part number: MTL5514D, KFD2-SR2-EX1.W.LB

		<div><div><div>बि एच ई एल</div><div></div><div>EDN</div></div></div>	<div>PURCHASE SPECIFICATION FOR INTRINSIC SAFETY ACTIVE BARRIER – SINGLE CHANNEL DIGITAL INPUT(DI)</div>		<div>REF: PS4092163</div> <div>REVISION: 00</div> <div>PAGE: 01 OF 02</div>	
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				<div>APPROVED BY</div> <div>ASHISH AGRAWAL</div>		
			<div>PREPARED BY</div> <div>ARAVIND R</div>	<div>ISSUED</div> <div>409</div>	<div>DATE</div> <div>12/06/2024</div>	

		 EDN	PURCHASE SPECIFICATION FOR INTRINSIC SAFETY ACTIVE BARRIER – SINGLE CHANNEL DIGITAL INPUT(DI)	REF: PS4092163 REVISION: 00 PAGE: 02 OF 02
		<p>AA) Application:</p> <p>The Isolating Active Barrier is required for acquiring the DI signals from the hazardous area, isolates it and repeats the DI signal to the control system in the safe area. The Isolating Active Barrier shall transfer the switch contact of DI signal from hazardous areas to safe areas. The input card of the control system shall sense the contact as if it were connected directly to the Digital input contact in a hazardous area.</p> <p>BB) Technical Specification:</p> <ul style="list-style-type: none"> a) The interface shall be compatible with Single channel switch amplifier with line break and phase reversal detection. b) Supply Voltage 24 V DC with 250V three port isolation. c) Screw Terminal connection suitable for 2.5 sq.mm. d) Mounting on 35 mm DIN mounting rail. e) To be supplied with label / tagging strips. <p>CC) Acceptable Manufacturer Part Numbers:</p> <ul style="list-style-type: none"> f) Eaton MTL5514D g) Pepperl+Fuchs KFD2-SR2-EX1.W.LB <p>DD) Documentation:</p> <ul style="list-style-type: none"> h) Vendor to submit bill of material with offered part number & technical literature of the offered model, along with the offer. i) Vendor to submit manual in softcopy, explaining how to setup, install, or program, in the event of ordering. j) Vendor to submit Test Certificate / Hazardous Area Certification including PESO certificate etc/ Declaration of Conformity, in the event of ordering. <p>EE) Quality Inspection / Acceptance Testing at BHEL EDN on receipt of material:</p> <ul style="list-style-type: none"> k) General appearance checks on sample basis (sample size as per IS2500 Standard) <p>FF) Warranty: Warranty shall be as per general T&C of the contract.</p>		
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