

## Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	12-08-2024 13:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	12-08-2024 13:30:00
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	15434
Item Category/मद केटगरी	IPR-2 COC, COIL-24VDC, CONT-0.2A @220VDC (BHEL Materail code: SN0659384319) , IPR 24VDC, COC, CONT-0.2A @220VDC (BHEL Material code: SN0659384320)
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	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
ITC available to buyer/क्रिता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	IPR-2 COC, COIL-24VDC, CONT-0.2A @220VDC (BHEL Materail code: SN0659384319)
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 <b>90</b> 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	Yes
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#### MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .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.

2. 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.

3. 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.

4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

#### 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	lpr-2 Coc, Coil-24vdc, Cont-0.2a @220vdc (bhel Materail Code: Sn0659384319)	8816
Schedule 2	lpr 24vdc, Coc, Cont-0.2a @220vdc (bhel Material Code: Sn0659384320)	6618

#### **IPR-2 COC, COIL-24VDC, CONT-0.2A @220VDC (BHEL Materail Code: SN0659384319) ( 8816 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

#### **Technical Specifications/तकनीकी विशिष्टियाँ**

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Buyer Specification  
Document/क्रेता विशिष्टि दस्तावेज़

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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	8816	45

**IPR 24VDC, COC, CONT-0.2A @220VDC (BHEL Material Code: SN0659384320) ( 6618 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification  
Document/क्रेता विशिष्टि दस्तावेज़

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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	6618	45

## 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 specification document** in this bid.

#### B. Payment Timelines:

<b>Type of Bidder</b>	<b>Payment Terms (Number of days )</b>
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.**

For Schedule-1: Mr. Chidananda/ Engineer

For Schedule-2: Mr. Ravi/ Manager

e-mail: mjchidu@bhel.in, ravikumpogiri@bhel.in

Tel: 080 26998115, 26998325

#### **Tender Dept.**

Mr. Dinesh Kumar Bhagat/ Manager

e-mail: dkbhagat@bhel.in

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---**

		<div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div>BHEL-EDN</div></div>	PRE-QUALIFICATION CRITERIA FOR 24V DC RELAY	PQC: 415-001																		
				REV. NO. 00																		
				Page 1 of 1																		
<div>COPY RIGHT 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>																						
		<table><tr><th>Sl No:</th><th>PQC clause</th><th>Documents Required</th><th>Supplier Compliance (Yes/No/ Remarks)</th></tr><tr><td>1.</td><td>The bidder should be a manufacturer/supplier of the specified Relays for 2 years or more.</td><td>Self-certification for OEM / OEM authorisation for dealers.</td><td>Compliance to the PQC clause (YES/ NO)</td></tr><tr><td>2.</td><td>The bidder shall furnish clause wise compliance for all the clauses mentioned in the specification.</td><td></td><td>Compliance to the PQC clause (YES/ NO)</td></tr><tr><td>3.</td><td>On receipt at purchaser's works, if it is observed that the item requires rework/rectification, supplier shall arrange for the same at EDN works/project sites within 6 working days.</td><td></td><td>Compliance to the PQC clause (YES/ NO)</td></tr><tr><td>4.</td><td>The bidder shall submit the documents indicated for the specified relays during bidding stage (OR) The bidder should have supplied the item to BHEL against an earlier purchase order.</td><td>Type Test certificates (As per IEC 60255 and others as required) OR If supplier has already supplied transformer to BHEL, then supplier shall provide relevant purchase order details.</td><td>Compliance to the PQC clause (YES/ NO)</td></tr></table>	Sl No:	PQC clause	Documents Required	Supplier Compliance (Yes/No/ Remarks)	1.	The bidder should be a manufacturer/supplier of the specified Relays for 2 years or more.	Self-certification for OEM / OEM authorisation for dealers.	Compliance to the PQC clause (YES/ NO)	2.	The bidder shall furnish clause wise compliance for all the clauses mentioned in the specification.		Compliance to the PQC clause (YES/ NO)	3.	On receipt at purchaser's works, if it is observed that the item requires rework/rectification, supplier shall arrange for the same at EDN works/project sites within 6 working days.		Compliance to the PQC clause (YES/ NO)	4.	The bidder shall submit the documents indicated for the specified relays during bidding stage (OR) The bidder should have supplied the item to BHEL against an earlier purchase order.	Type Test certificates (As per IEC 60255 and others as required) OR If supplier has already supplied transformer to BHEL, then supplier shall provide relevant purchase order details.	Compliance to the PQC clause (YES/ NO)
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**BHEL Material Code: SN0659384319**

**Material Description: IPR-2 COC, COIL-24VDC, CONT-0.2A @220VDC**

INTERPOSING RELAY WITH LED, FREE WHEELING DIODE AND MANUAL TEST BUTTON,

MOUNTING: PROJECTION PLUG IN BASE TYPE,

NO. OF CONTACTS: 2 C/O,


CONTACT RATING: 5Amp 240VAC & 0.2 Amp 220 V DC,


COIL VOLTAGE: 24VDC,



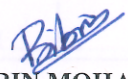
RELAY BURDEN LESS THAN 2.5 VA.

TO BE SUPPLIED WITH ALL ACCESSORIES AS COMPLETE FUNCTIONAL UNIT i.e. INCLUDING MOUNTING BASE, RETAINING CLIP etc.




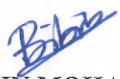
Doc. no. PS/415/2380/BHEL-EDN/GEM with general specification and **Variant 3 only is applicable.**


	 A4-11	PURCHASE SPECIFICATION FOR AUXILLIARY RELAYS – 24 VDC				PS/415/2380/BHEL- EDN/GEM	
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						PAGE 01 OF 03	
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			PREP SP	CHKD RLM	APPVD D DAS	ISSUED 415	DATE 31.03.2021

	 A4-11	PURCHASE SPECIFICATION FOR 24 VDC 2 C/O AUXILLIARY RELAY	PS/415/2380/BHEL-EDN/GEM REV No : 00 PAGE 02 OF 03
COPY RIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICAL LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY	<p><b>GENERAL SPECIFICATION (APPLICABLE FOR ALL VARIANTS)</b></p> <ol style="list-style-type: none"> <li>Coil Voltage : <b>24 VDC</b></li> <li>Mechanical Endurance : <b>20 Million Operations</b></li> <li>Electrical Endurance : <b>1 Million Operations</b></li> <li>Low Voltage Input Range : <b>- 20 % of Rated Coil Voltage</b></li> <li>High Voltage Input Range : <b>+ 10 % of Rated Coil Voltage</b></li> <li>Mounting : <b>DIN 35 Rail</b></li> <li>Latching lever / Manual Tester</li> <li>Insulation Resistance value @ 500 VDC - <b>100 MOhm (Mimimum)</b></li> <li>Dielectric Strength = 2KV, AC (RMS), 50 Hz ( for One Minute b/w Coils &amp; Contacts)</li> <li>Contacts should be suitable for Resistive &amp; Inductive Loads</li> <li>Generally Conforms to Std: <b>IEC 60255</b></li> <li>TC to be given for all the above &amp; below parameters . Certificate of compliance to be given for parameters not covered in TC</li> <li>Plug-In Type Relay with Base</li> <li>Connection Base Type : <b>Screw</b></li> <li>Connection Base Wire Diameter : <b>2.5 sqmm</b></li> <li>Indication – <b>with freewheeling Diode</b></li> <li>Dimension :  <u>Front connection Relay Base Width :</u>  2 C/O : <b>Upto 23 mm</b></li> <li>Operating Temp: <b>-5 to 45 Deg C</b></li> <li>Any special accessories required for making terminations shall also be included along with the supply of relays.</li> </ol>		
	<p><b>1 <u>VARIANT-1 24VDC 2C/O , CONTACT RATING – 240 VAC</u></b></p> <p>24VDC 2 C/O RELAY</p> <ol style="list-style-type: none"> <li>COIL VOLTAGE: 24 VDC</li> <li>Contact Rating : 250 VAC</li> <li>Coil Consumption : Upto 1.2 W (DC), 2 to 3 VA (AC)</li> <li>Contact side Continuous rating : 5 A</li> <li>Part Nos: Paramount P2-FPWI-1-24VDC or equivalent , OEN 085D-024-2CS-SLM or equivalent.</li> </ol>		
	<p><b>2 <u>VARIANT-2 24VDC 2C/O , CONTACT RATING – 24 VDC</u></b></p> <p>24VDC 2 C/O RELAY</p> <ol style="list-style-type: none"> <li>COIL VOLTAGE: 24 VDC</li> <li>Contact Rating: 24 VDC</li> <li>Coil Consumption: Upto 1.2 W (DC), 2 to 3 VA (AC)</li> <li>Contact side Continuous rating: 5 A</li> <li>Part Nos : Paramount P2-FPWI-1-24VDC or equivalent , OEN 085D-024-2CS-SLM or equivalent.</li> </ol>		
	<p><b>3 <u>VARIANT-3 24VDC 2C/O , CONTACT RATING – 220 VDC</u></b></p> <p>24VDC 2 C/O RELAY</p> <ol style="list-style-type: none"> <li>COIL VOLTAGE: 24 VDC</li> <li>Contact Rating: 220 VDC</li> <li>Coil Consumption: Upto 1.2 W (DC), 2 to 3 VA (AC)</li> <li>Contact side Continuous rating: 0.2 A</li> <li>Part Nos : Paramount P2-FPWI-1-24VDC or equivalent , OEN 085D-024-2CS-SLM or equivalent</li> </ol>		

		 <b>A4 - 10</b>	<b>Pre-Qualification Requirements for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE &amp; WITHOUT ANY MANUAL TEST BUTTON</b>		DC-FF-676-410-014	
					REV. NO. 00	
					PAGE 1 OF 3	
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					CHECKED BY  <b>MUKESH KUMAR</b>	
			PREPARED  <b>BIBIN MOHANAN</b>	ISSUED <b>410</b> <b>ENGG</b>	DATE <b>25.10.2021</b>	



		 <b>A4-10</b>	<b>Pre-Qualification Requirements for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE &amp; WITHOUT ANY MANUAL TEST BUTTON</b>			DC-FF-676-410-014		
						REV. NO. 00		
						PAGE 2 OF 3		
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		REV NO.	DATE	NATURE OF CHANGE	REASON	PREPARED BY	CHECKED BY	APPROVED BY
		00	25.10.2021	FIRST ISSUE	-----	BM	MK	SBB
				CHECKED BY  <b>MUKESH KUMAR</b>	APPROVED BY  <b>SATYA BRATA BANIK</b>			
		PREPARED  <b>BIBIN MOHANAN</b>	ISSUED 410 ENGG	DATE 25.10.2021				

		 A4 – 10	<b>Pre-Qualification Requirements for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE &amp; WITHOUT ANY MANUAL TEST BUTTON</b>	DC-FF-676-410-014 REV. NO. 00 PAGE 3 OF 3
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**BHEL Material Code: SN0659384320**

**Material Description: IPR 24VDC, COC, CONT-0.2A @220VDC**

INTERPOSING RELAY WITH LED, FREE WHEELING DIODE AND WITHOUT ANY MANUAL TEST BUTTON,

MOUNTING: PROJECTION PLUG IN BASE TYPE,


NO. OF CONTACTS: 2 C/O,

CONTACT RATING: 5Amp 240VAC & 0.2 Amp 220 V DC,

COIL VOLTAGE: 24VDC,


RELAY BURDEN LESS THAN 2.5 VA.

TO BE SUPPLIED WITH ALL ACCESSORIES AS COMPLETE FUNCTIONAL UNIT i.e. INCLUDING MOUNTING BASE, RETAINING CLIP etc.

			<b>Technical Specification for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE &amp; WITHOUT ANY MANUAL TEST BUTTON</b>		PS-410-2077	
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				REV.01 Date : 05.01.2022	CHECKED BY  <b>MUKESH KUMAR</b>	
			PREPARED  <b>BIBIN MOHANAN</b>	ISSUED  <b>410 ENGG</b>	DATE  <b>25.10.2021</b>	



			Technical Specification for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE & WITHOUT ANY MANUAL TEST BUTTON			PS-410-2077			
		A4 – 10				REV. NO. 01			
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			REV NO.	DATE	NATURE OF CHANGE	REASON	PREPARED BY	CHECKED BY	APPROVED BY
			00	25.10.2021	FIRST ISSUE	-----	BM	MK	SBB
			01	05.01.2022	SECOND ISSUE	-----	BM	MK	SBB
		REV.01 Date : 05.01.2022		CHECKED BY  MUKESH KUMAR		APPROVED BY  SATYA BRATA BANIK			
			PREPARED  BIBIN MOHANAN		ISSUED  410  ENGG	DATE  25.10.2021			

		<div><div>बि एच ई एल</div><div></div><div>A4 – 10</div></div>	<div>Technical Specification for INTERPOSING RELAY 24V DC WITH LED,FREE WHEELING DIODE &amp; WITHOUT ANY MANUAL TEST BUTTON</div>	PS-410-2077
				REV. NO. 01
				PAGE 3 OF 3
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