



Bid Number/बोली क्रमांक (बिड संख्या)[:] GEM/2023/B/3582780 Dated/दिनांक : 17-06-2023

Bid Document/ बिड दस्तावेज़

गए दस्तावेज	Bid Details/बिड विवरण		
aरीख/समय Bid Offer Validity (From End Date)/बिड पेशकश वैधात (बंद होने की तारीख से) Ministry/State Name/मंत्रालय/राज्य का नाम Department Name/विभाग का नाम Department Of Heavy Industries And Public Enterprises Department Name/विभाग का नाम Department Of Heavy Industry Organisation Name/संगठन 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 8000 RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (03), RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुमव के वर्षों से स्वर्धक्रय पूर Startup Exemption for Years of Experience and Turnover/ अनुमव के वर्षों से स्वर्धक्रय पूर Document required from seller/विकेता से मांगे गए दस्तावेज Document required from seller/विकेता से मांगे पर दस्तावेज Additional Doc 1 (Requested in ATC) **In case any bidder is seeking exemption from Experience / Turnover / Citeria, 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 सिकय किया Yes RA Qualification Rule TIC available to buyer/केता के लिए उपलब्ध आईटीसी Type of Bid/बिड का प्रकर Two Packet Bid Primary product category Time allowed for Technical Clarifications during technical evaluation/तकनीकी मुल्यंकन के 2 Days	Bid End Date/Time/बिड बंद होने की तारीख/समय	27-06-2023 14:00:00	
वैधता (बंद होने की तारीख से) Ministry/State Name/मंत्रातय/राज्य का नाम Department Name/विभाग का नाम Department Of Heavy Industries And Public Enterprises Department Name/विभाग का नाम Department of Heavy Industry Organisation Name/संगठन का नाम Department of Heavy Industry Organisation Name/संगठन का नाम Department of Heavy Industry Department of Heavy Industry Bharat Heavy Electricals Limited (bhel) Office Name/कार्यात्मय का नाम 10090001-edn Bangalore RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (Q3), RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टारंअप छूट No Document required from seller/विकेता से मांगे गए दस्तावेज Additional Doc 1 (Requested in ATC) 'an 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 नीनामी सक्रिय किया Primary product category Time allowed for Technical Clarifications during technical evaluation/तकनीकी मृल्यांकन के 2 Days	_	27-06-2023 14:30:00	
Department Name/विभाग का नाम Department of Heavy Industry Organisation Name/संगठन का नाम Bharat Heavy Electricals Limited (bhel) Office Name/कार्यातय का नाम 10090001-edn Bangalore Total Quantity/कुल मात्रा 8000 RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (Q3) , RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुमव के वर्षों से स्वाटंअप छूट Startup Exemption for Years of Experience and Turnover/ अनुमव के वर्षों से स्वाटंअप छूट Document required from seller/विकेता से मांगे गए दस्त्ववेज Bid to RA enabled/विड से रिवर्स नीलामी सक्रिय किया Primary product category Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के Department Of Heavy Industry Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Booon Bharat Heavy Electricals Limited (bhel) Bharat Heavy Electricals Limited (bhel) Booon Bharat Havy Electricals Limited (bhel) Booon Bharat Havy Electricals Limited (bhel) Booon Bharat Havy Electricals Limited (booon Bhase) Booon Bharat Havy Electricals Limited (booon Bhase) Booon Bharat Heavy Electricals Limited (bhel) Booon Bharat Havy Electricals Limited (Code: Cu7422337022) Booon Bharat Heavy Electricals Limited (Code: Cu7422337022) Booon Bharat Heavy Electricals Limited (Code: Cu7422337022) Booon	1	90 (Days)	
Organisation Name/संगठन का नाम Bharat Heavy Electricals Limited (bhel) Office Name/कार्यालय का नाम 10090001-edn Bangalore Total Quantity/कुल मात्रा 8000 RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (03), RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (03) MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्वर्टअप छूट Document required from seller/विकेला से मांगे गए दस्लावेज Bid to RA enabled/बिड से रिवर्स नीलामी सिकय किया Primary product category Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days	Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises	
Office Name/कर्यालय का नाम 10090001-edn Bangalore Total Quantity/कुल माजा 8000 RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (Q3), RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्वाटंअप छूट Document required from seller/विक्रेता से मांगे गए दस्तावेज शिव प्रकार हिम्म हि	Department Name/विभाग का नाम	Department Of Heavy Industry	
Total Quantity/कुल मात्रा RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (Q3) , RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट No	Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)	
RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (Q3), RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3) MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट No	Office Name/कार्यालय का नाम	10090001-edn Bangalore	
Read Code: CU7422337022) (Q3) , RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (Q3)	Total Quantity/कुल मात्रा	8000	
Turnover/ अनुभव के वर्षों से एमएसई छूट Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट Document required from seller/विक्रेता से मांगे गए दस्तावेज़ Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया RA Qualification Rule ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी Type of Bid/बिड का प्रकार Primary product category No 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 Yes RA Qualification Rule ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी Type of Bid/बिड का प्रकार Two Packet Bid Primary product category RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के	Item Category/मद केटेगरी CODE: CU7422337022) (Q3) , RELAY AUX LED 2		
and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट Document required from seller/विक्रेता से मांगे गए दस्तावेज 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 ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी Type of Bid/बिड का प्रकार Two Packet Bid Primary product category RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के	11 100		
Document required from seller/विक्रेता से मांगे*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 buyerBid to RA enabled/बिंड से रिवर्स नीलामी सिक्रय कियाYesRA Qualification RuleH1-Highest Priced Bid EliminationITC available to buyerक्रेता के लिए उपलब्ध आईटीसीYesType of Bid/बिंड का प्रकारTwo Packet BidPrimary product categoryRELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022)Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के2 Days		No	
RA Qualification Rule H1-Highest Priced Bid Elimination Yes Type of Bid/बिड का प्रकार Two Packet Bid RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days		*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	
ITC available to buyer क्रेता के लिए उपलब्ध अईटीसी Type of Bid/बिंड का प्रकार Two Packet Bid Primary product category RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days	Bid to RA enabled/बिंड से रिवर्स नीलामी सक्रिय किया	Yes	
अाईटीसी Type of Bid/बिड का प्रकार Two Packet Bid Primary product category RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days	RA Qualification Rule	H1-Highest Priced Bid Elimination	
Primary product category RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days	I -	Yes	
CODE: CU7422337022) Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के 2 Days	Type of Bid/बिंड का प्रकार	Two Packet Bid	
during technical evaluation/तकनीकी मूल्यांकन के 2 Days	Primary product category		
दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	I	2 Days	

Bid Details/बिड विवरण		
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)		
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

leguired/आवश्यकता	No
regain ea/on-14 114th	

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
11.13E Tateriase Frencher (1000) and anathr	

- 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
- 2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

- 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	
II Schedule I	Relay Aux Led 240vac 4c/o With Base (bhel Material Code: Cu7422337022)	2000
Schedule 2	Relay Aux Led 24vdc 4c/o With Base (bhel Material Code: Cu7422337065)	6000

RELAY AUX LED 240VAC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337022) (2000 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 अईता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	<u>Download</u>
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Input Tax Credit(ITC)/इनप्ट 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	2000	45

RELAY AUX LED 24VDC 4C/O WITH BASE (BHEL MATERIAL CODE: CU7422337065) (6000 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	<u>Download</u>
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Input Tax Credit(ITC)/इनप्ट 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
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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	6000	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

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.

3. 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.

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. Risk Purchase - In case of failure of supplier, BHEL at its discretion may make purchase of the material s/ services not supplied/ rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase. In case of invocation of risk purchase, BHEL shall get Balance work/ supply done at supplier risk and cost, which shall be recovered from supplier out of dues of this contract, any other contract with BHEL and balance amount, if any shall be required to be deposited by supplier.

D. Contact Details:

Engineering Dept. Tender Dept.

Ms. RAKHI L MOHAN/ Sr. Manager Mr. Dinesh Kumar Bhagat/ Manager

e-mail: rakhi@bhel.in e-mail: dkbhagat@bhel.in

Tel: 080 26998940 Tel: 080 26998108

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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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

- 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.
- 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---



PQC 4150003

REV. NO. 00

Page 1 of 2

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SI.No.	CRITERIA	DOCUMENTS REQUIRED			
1	The bidder shall be a manufacturer /supplier of Auxiliary relays.	Self-certification for OEM / OEM Certification for dealers.			
2	In case of rejection during usage of item in production, supplier shall support for replacement at BHEL EDN and failure analysis in case of quality issues at their own cost within 2 weeks from date of intimation or mutually agreed period.	Conformance for complying.			
3	If the bidder is supplying for the first time to BHEL After PQR clearance bidder to Conformance for complying.				
3.1	After PQR clearance bidder to provide two sample models within two weeks of BHEL intimation and same shall be evaluated by BHEL as per technical spec no: PS4152387 Rev0, during technical evaluation. Bidder to confirm supply of two samples on non-returnable basis.	Conformance for complying.			
3.2	The bidder shall have valid test certificate from Central Govt. Labs /National accreditation board for testing & calibration laboratories (NABL) / International laboratory accreditation cooperation lab (ILAC) complying with relevant standard mentioned in the technical specification PS4152387 point no:s 2.11& 2.12 of clause 2.0 and as per 4.1 on the date of submission of offer against the tender.	Type test & Routine test certificates for same or similar item shall be submitted.			



PQC 4150003

REV. NO. 00

Page 2 of 2

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SI.No.	CRITERIA	DOCUMENTS REQUIRED
3.3	The bidder shall have supplied the quoted model to any D istributed C ontrol S ystem manufacturer supplying control system for any power plant or process industry and shall be currently in the business.	 a. At least one end user performance certificate from a power plant / process industry. b. Reference list of customers. c. Minimum 2 Purchase order copies along with invoices and delivery challans for the offered / similar item. d. The POs shall not be older than 3 years as on the date of bid opening and the supplied quantity shall be minimum 10% of the current tender quantity.
4	If the bidder have supplied the offered Make & model earlier to BHEL .	1. Minimum 1 Purchase order copy along with invoices and delivery challans, (not older than 3 years as on the date of bid opening) for the offered / similar item (with same Make & model number), which has been supplied to BHEL against earlier purchase order.
		2. The POs shall not be older than 3 years as on the date of bid opening and the supplied quantity shall be minimum 10% of the current tender quantity

*Note -

- 1) If these clauses are not complied with, offer submitted by supplier will not be considered against this tender. However, supplier can submit sample for evaluation and acceptance for subsequent registration by BHEL-EDN and to participate in future tenders.
- 2) <u>Suppliers are requested to submit clause wise compliance while submitting offer.</u>
- 3) In case bidder does not submit documents mentioned in the above clauses, BHEL can reject such offers.

BHEL MATERIAL CODE: CU7422337022

MATERIAL: RELAY AUX LED 240VAC 4C/O WITH BASE

DESCRIPTION:

AUXILIARY RELAY, COIL VOLTAGE :240V AC,

NO. OF CONTACTS: 4 C/O, WITH LED INDICATOR,

FRONT CONNECTION BASE AND RETAINING CLIP.

SUITABLE FOR DIN RAIL MOUNTING,

PSPEC: PS4152387

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Copy Right And Confidential	The information on This Document is the Property of Bharat Heavy Electricals Limited. It iviust Not Be Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company.		PURCHAS AUXILIARY RELAY WITH PLUG IN I	SE SPECIFICATION FOR BASE SUITABLE FOR	FRONT CONN	ECTION
		Issued by				
		CE-ENGG-BO	OP/415	D.DAS/ RUKMANI.F Prepared by	Checked by	Date
				RAKHI.L.MOHAN	T.SREEDHAR	04-03-2022

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						RAKH	II.L.MOHAN	T.SREEDHAR	04-03-2022



PS4152387

REV: 00

Page: 03 of 05

1.0 APPLICATION:

These auxiliary relays are used in control equipment for critical circuits and applications in power stations. They are mounted in DIN rails fixed in vertical plane.

2.0 BASIC TECHNICAL DATA:

SI. No	Description					
2.1	Coil Voltage	24V DC	240V AC	220V DC	110V AC	110V DC
2.2	Coil Operating voltage range	80% to 110%	80% to 110%	80% to 110%	80% to 110%	80% to 110%
2.3	2.3 Coil Power Consumption Max 2.1 Watts Max 6 VA Max 4 Watts Max 6 VA				Max 6 VA	Max 4 Watts
2.4	2.4 Contact Type 4 self-reset Change over Change over contacts 4 self-reset Change over contacts 4 self-reset Change over contacts					4 self-reset Change over contacts
2.5	Material of contact making surfaces	Silver alloy or better	Silver alloy or better	Silver alloy or better	Silver alloy or better	Silver alloy or better
2.6	Contact rating: Voltage rating	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC
2.7	Contact rating: Make and carry continuously (Resistive load)	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A
2.8	Contact rating: Make and carry for 3 Sec. (Resistive)	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).
2.9	Contact rating: Break rating (Resistive)	100 watt with a maximum of 220V or 5 Amp	1250 VA with a maximum of 660 V or 5 Amp with a min. power factor of 0.4	100 watt with a maximum of 220V or 5 Amp	1250 VA with a maximum of 660 V or 5 Amp with a min. power factor of 0.4	100 watt with a maximum of 220V or 5 Amp

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PS4152387

REV: 00

Page: 04 of 05

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SI. No.	Description
2.10	Operating Time: Make time on de-energization < = to 60msec Electrical noise generated by the bounce back of relay contacts shall be suitably suppressed.
2.11	Mechanical Endurance : 20 million operations with a maximum switching frequency of 3600 operations/hour.
2.12	Electrical Endurance: Shall be capable of withstanding 1 million operation at a maximum switching frequency of 1200 operations/hour at the rated contact capacity.
2.13	Dielectric strength: 2KV AC(RMS) 50Hz for one minute between all contact terminals connected together and (coil or earth). 1KV AC(RMS) 50Hz for one minute between normally open contacts of the relay in open position.
2.14	Insulation resistance: > 100Mohm @ 500VDC
2.15	Impulse Voltage withstand capacity: 5KV peak impulse voltage
2.16	Ambient Temperature : -5°C to 45°C
2.17	Relay shall have LED indicator and freewheeling diode
2.18	Each relay shall be supplied with a manual tester and a retaining clip or alternate arrangement for arresting movement / loosening of relay from the base during transit. Manual testing key shall also arrest movement of contacts during transit.
2.19	Base Mounting: Shall be suitable for DIN 35 Rail
2.20	Generally Shall conform to Std: IEC 61810-1 / IEC 60255-5/22-1
2.21	Relay shall be supplied with base (Plug-In type with front connection terminals).
2.21	Terminals of base shall be suitable for screw type connections.
	Terminals of base shall be suitable from 0.75 to 2.5 sqmm cable lugs Dimension:
	Front connection Relay Base Width : max 50 mm
	Front connection Relay Base Height : max 90 mm
	Front connection Relay with Base depth : max 120 mm
2.22	If lugs other than "ring type" are required for making connections, the same shall be indicated in the offer and supplied along with relays. These special lugs shall be supplied as part of the packing of each relay and base.
2.23	Suitable enclosure shall be provided for dust protection and shall preferably be transparent
2.24	The relay base shall have partition between terminals or any other equivalent provision to prevent shorting of adjacent terminals.





PS4152387

REV: 00

Page: 05 of 05

3.0 SUPPLIER DOCUMENT REQUIREMENT SCHEDULE

3.1 BIDDING STAGE

Supplier shall provide the following information along with the offer. <u>Bids without detailed</u> <u>and point wise compliance statement / documents required, will not be considered for further processing.</u>

- i) Compliance to this specification and material description in the Request For Quotation / Purchase Order. List of deviations, if any, shall be clearly brought out, clause number-wise with reasons thereof. If there are no deviations, the same shall be certified.
- ii) Catalogues, Technical Data sheets (including burden details), mechanical dimensional drawings, mounting arrangement, Wiring drawing shall be submitted.
- iii) Type test certificate/ report for points 7 & 8 (Mechanical Endurance & Electrical Endurance) of clause 2 shall be provided. Type test certificates/reports are not required, if the item has already been supplied to BHEL against an earlier purchase order.)

4.0 TESTS:

- **4.1** <u>Type tests</u>: Test report is required for the following tests and a confirmation from OEM that the relay under supply is of the same design as that of Type test report
 - a) Mechanical endurance test
 - b) Electrical endurance test
 - c) Temperature rise test
- **4.2** Routine tests: (conducted on every batch / item & reports to be submitted before dispatch for dispatch clearance)
 - 1. Insulation / Dielectric withstand test
 - 2. Visual test: Relays shall be checked for type no., number of contacts, their arrangement and LED indicator.
 - 3. Operational value test: Relays shall operate at 80%, rated & at 110% of rated operating voltage. LED indication during operational tests shall be checked.
 - 4. Operating time test: This test shall be done on sample basis.
- **5.0 MARKING:** Each relay shall bear manufacturer's name, trade mark (if applicable), coil voltage and relay type no. distinctly and shall be visible from front.
- **6.0 <u>PACKING</u>**: The item shall be properly packed to ensure that there are no damages / dislocation of parts during transit.

7.0 ACCEPTANCE CRITERIA

- 1. Despatch clearance by purchaser after verification of routine test reports/ certificate submitted.
- 2. Inspection at supplier's works.
- 3. On receipt of item at BHEL-EDN final acceptance will be by quality services of purchaser, verifying the conformance of item to this purchase specification and inspection of item as per specification / drawings / documents.

Note: If there are any queries regarding specification, it is bidder's responsibility to get the same clarified from the purchaser before submitting the offer.

Compliance for the Basic Technical data (SL No:2) have to be given by the Vendor for each and every clause mentioned in it.



PQC 4150003

REV. NO. 00

Page 1 of 2

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SI.No.	CRITERIA	DOCUMENTS REQUIRED			
1	The bidder shall be a manufacturer /supplier of Auxiliary relays.	Self-certification for OEM / OEM Certification for dealers.			
2	In case of rejection during usage of item in production, supplier shall support for replacement at BHEL EDN and failure analysis in case of quality issues at their own cost within 2 weeks from date of intimation or mutually agreed period.	Conformance for complying.			
3	If the bidder is supplying for the first time to BHEL After PQR clearance bidder to Conformance for complying.				
3.1	After PQR clearance bidder to provide two sample models within two weeks of BHEL intimation and same shall be evaluated by BHEL as per technical spec no: PS4152387 Rev0, during technical evaluation. Bidder to confirm supply of two samples on non-returnable basis.	Conformance for complying.			
3.2	The bidder shall have valid test certificate from Central Govt. Labs /National accreditation board for testing & calibration laboratories (NABL) / International laboratory accreditation cooperation lab (ILAC) complying with relevant standard mentioned in the technical specification PS4152387 point no:s 2.11& 2.12 of clause 2.0 and as per 4.1 on the date of submission of offer against the tender.	Type test & Routine test certificates for same or similar item shall be submitted.			



PQC 4150003

REV. NO. 00

Page 2 of 2

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SI.No.	CRITERIA	DOCUMENTS REQUIRED
3.3	The bidder shall have supplied the quoted model to any D istributed C ontrol S ystem manufacturer supplying control system for any power plant or process industry and shall be currently in the business.	 a. At least one end user performance certificate from a power plant / process industry. b. Reference list of customers. c. Minimum 2 Purchase order copies along with invoices and delivery challans for the offered / similar item. d. The POs shall not be older than 3 years as on the date of bid opening and the supplied quantity shall be minimum 10% of the current tender quantity.
4	If the bidder have supplied the offered Make & model earlier to BHEL .	1. Minimum 1 Purchase order copy along with invoices and delivery challans, (not older than 3 years as on the date of bid opening) for the offered / similar item (with same Make & model number), which has been supplied to BHEL against earlier purchase order.
		2. The POs shall not be older than 3 years as on the date of bid opening and the supplied quantity shall be minimum 10% of the current tender quantity

*Note -

- 1) If these clauses are not complied with, offer submitted by supplier will not be considered against this tender. However, supplier can submit sample for evaluation and acceptance for subsequent registration by BHEL-EDN and to participate in future tenders.
- 2) <u>Suppliers are requested to submit clause wise compliance while submitting offer.</u>
- 3) In case bidder does not submit documents mentioned in the above clauses, BHEL can reject such offers.

BHEL MATERIAL CODE: CU7422337065

MATERIAL: RELAY AUX LED 24VDC 4C/O WITH BASE

DESCRIPTION:

AUXILIARY RELAY, COIL VOLTAGE :24V DC,

NO. OF CONTACTS: 4 C/O, WITH LED INDICATOR,

FRONT CONNECTION BASE AND RETAINING CLIP.

SUITABLE FOR DIN RAIL MOUNTING.

PSPEC: PS4152387

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		Issued by				
		CE-ENGG-BO	OP/415	D.DAS/ RUKMANI.F Prepared by	Checked by	Date
				RAKHI.L.MOHAN	T.SREEDHAR	04-03-2022

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						RAKH	II.L.MOHAN	T.SREEDHAR	04-03-2022



PS4152387

REV: 00

Page: 03 of 05

1.0 APPLICATION:

These auxiliary relays are used in control equipment for critical circuits and applications in power stations. They are mounted in DIN rails fixed in vertical plane.

2.0 BASIC TECHNICAL DATA:

SI. No	Description					
2.1	Coil Voltage	24V DC	240V AC	220V DC	110V AC	110V DC
2.2	Coil Operating voltage range	80% to 110%	80% to 110%	80% to 110%	80% to 110%	80% to 110%
2.3	Coil Power Consumption	Max 2.1 Watts	Max 6 VA	Max 4 Watts	Max 6 VA	Max 4 Watts
2.4	Contact Type	4 self-reset Change over contacts	4 self-reset Change over contacts	4 self-reset Change over contacts	4 self-reset Change over contacts	4 self-reset Change over contacts
2.5	Material of contact making surfaces	Silver alloy or better	Silver alloy or better	Silver alloy or better	Silver alloy or better	Silver alloy or better
2.6	Contact rating: Voltage rating	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC	240V AC 24V DC 220V DC
2.7	Contact rating: Make and carry continuously (Resistive load)	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A	i) At 250VAC - 5A ii) At220VDC - 2.5A iii) At 24 VDC - 5A
2.8	Contact rating: Make and carry for 3 Sec. (Resistive)	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).	7500 VA (Max. Voltage 660VAC, Max. Current 30A).
2.9	Contact rating: Break rating (Resistive)	100 watt with a maximum of 220V or 5 Amp	1250 VA with a maximum of 660 V or 5 Amp with a min. power factor of 0.4	100 watt with a maximum of 220V or 5 Amp	1250 VA with a maximum of 660 V or 5 Amp with a min. power factor of 0.4	100 watt with a maximum of 220V or 5 Amp

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PS4152387

REV: 00

Page: 04 of 05

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SI. No.	Description		
2.10	Operating Time: Make time on de-energization < = to 60msec Electrical noise generated by the bounce back of relay contacts shall be suitably suppressed.		
2.11	Mechanical Endurance : 20 million operations with a maximum switching frequency of 3600 operations/hour.		
2.12	Electrical Endurance: Shall be capable of withstanding 1 million operation at a maximum switching frequency of 1200 operations/hour at the rated contact capacity.		
2.13	Dielectric strength: 2KV AC(RMS) 50Hz for one minute between all contact terminals connected together and (coil or earth). 1KV AC(RMS) 50Hz for one minute between normally open contacts of the relay in open position.		
2.14	Insulation resistance: > 100Mohm @ 500VDC		
2.15	Impulse Voltage withstand capacity: 5KV peak impulse voltage		
2.16	Ambient Temperature : -5°C to 45°C		
2.17	Relay shall have LED indicator and freewheeling diode		
2.18	Each relay shall be supplied with a manual tester and a retaining clip or alternate arrangement for arresting movement / loosening of relay from the base during transit. Manual testing key shall also arrest movement of contacts during transit.		
2.19	Base Mounting: Shall be suitable for DIN 35 Rail		
2.19	Generally Shall conform to Std: IEC 61810-1 / IEC 60255-5/22-1		
2.20	Relay shall be supplied with base (Plug-In type with front connection terminals).		
2.21	Terminals of base shall be suitable for screw type connections.		
	Terminals of base shall be suitable from 0.75 to 2.5 sqmm cable lugs Dimension:		
	Front connection Relay Base Width : max 50 mm		
	Front connection Relay Base Height: max 90 mm		
	Front connection Relay with Base depth : max 120 mm		
2.22	If lugs other than "ring type" are required for making connections, the same shall be indicated in the offer and supplied along with relays. These special lugs shall be supplied as part of the packing of each relay and base.		
2.23	Suitable enclosure shall be provided for dust protection and shall preferably be transparent		
2.24	The relay base shall have partition between terminals or any other equivalent provision to prevent shorting of adjacent terminals.		





PS4152387

REV: 00

Page: 05 of 05

3.0 SUPPLIER DOCUMENT REQUIREMENT SCHEDULE

3.1 BIDDING STAGE

Supplier shall provide the following information along with the offer. <u>Bids without detailed</u> <u>and point wise compliance statement / documents required, will not be considered for further processing.</u>

- i) Compliance to this specification and material description in the Request For Quotation / Purchase Order. List of deviations, if any, shall be clearly brought out, clause number-wise with reasons thereof. If there are no deviations, the same shall be certified.
- ii) Catalogues, Technical Data sheets (including burden details), mechanical dimensional drawings, mounting arrangement, Wiring drawing shall be submitted.
- iii) Type test certificate/ report for points 7 & 8 (Mechanical Endurance & Electrical Endurance) of clause 2 shall be provided. Type test certificates/reports are not required, if the item has already been supplied to BHEL against an earlier purchase order.)

4.0 TESTS:

- **4.1** <u>Type tests</u>: Test report is required for the following tests and a confirmation from OEM that the relay under supply is of the same design as that of Type test report
 - a) Mechanical endurance test
 - b) Electrical endurance test
 - c) Temperature rise test
- **4.2** Routine tests: (conducted on every batch / item & reports to be submitted before dispatch for dispatch clearance)
 - 1. Insulation / Dielectric withstand test
 - 2. Visual test: Relays shall be checked for type no., number of contacts, their arrangement and LED indicator.
 - 3. Operational value test: Relays shall operate at 80%, rated & at 110% of rated operating voltage. LED indication during operational tests shall be checked.
 - 4. Operating time test: This test shall be done on sample basis.
- **5.0 MARKING:** Each relay shall bear manufacturer's name, trade mark (if applicable), coil voltage and relay type no. distinctly and shall be visible from front.
- **6.0 <u>PACKING</u>**: The item shall be properly packed to ensure that there are no damages / dislocation of parts during transit.

7.0 ACCEPTANCE CRITERIA

- 1. Despatch clearance by purchaser after verification of routine test reports/ certificate submitted.
- 2. Inspection at supplier's works.
- 3. On receipt of item at BHEL-EDN final acceptance will be by quality services of purchaser, verifying the conformance of item to this purchase specification and inspection of item as per specification / drawings / documents.

Note: If there are any queries regarding specification, it is bidder's responsibility to get the same clarified from the purchaser before submitting the offer.

Compliance for the Basic Technical data (SL No:2) have to be given by the Vendor for each and every clause mentioned in it.