



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2024/B/4651824 Dated/दिनांक : 17-02-2024

# Bid Document/ बिड दस्तावेज़

Bid D	Petails/बिड विवरण
Bid End Date/Time/बिड बंद होने की तारीख/समय	27-02-2024 13:00:00
Bid Opening Date/Time/बिंड खुलने की तारीख/समय	27-02-2024 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	40
ltem Category/मद केटेगरी	RELAY SYNC 220VDC 2NO SKE11 (BHEL Material code: SN0659416069) (Q3)
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/बिंड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिंड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

	Bid Details/बिङ विवरण
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	Total value wise evaluation
EMD Detail/ईएमडी विवरण	
Required/आवश्यकता	No
e <b>PBG Det</b> ail/ईपीबीजी विवरण	TI T
Required/आवश्यकता	No
Splitting/विभाजन	
Bid splitting not applied/बोली विभाजन लागू नर्ह	ों किया गया.
·	
MII Purchase Preference/एमआईआई खरीद व	वरीयता
MII Purchase Preference/एमआईआई खरीद व MII Purchase Preference/एमआईआई खरीद वरी	ıl .
· ·	ोयता Yes

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 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. 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.

- 3. 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

# RELAY SYNC 220VDC 2NO SKE11 (BHEL Material Code: SN0659416069) (40 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>
2000	

# 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
-------------------	--	-------------	-----------------	---------------------------------

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	40	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. 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.

Mr. Gajendra Singh/ Manager Mr. Dinesh Kumar Bhagat/ Manager

e-mail: gajendrasingh@bhel.in 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. 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---



# PRE-QUALIFICATIONS REQUIREMENT FOR PURCHASE SPECIFICATION PS4102125

PQR-CD-1535-410-002

REV. NO. 00

PAGE 01 OF 03

APPROVED BY

**MALA SIBOO** 

DATE

20.10.2023

PRE-QUALIFICATIONS REQUIREMENT
FOR
PURCHASE SPECIFICATION
PS4102125

CHECKED BY

JANAK KUMAR

**ISSUED** 

428

**ENGG** 

**PREPARED** 

GAJENDRA SINGH

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. COPY RIGHT AND CONFIDENTIAL



# PRE-QUALIFICATIONS REQUIREMENT FOR PURCHASE SPECIFICATION PS4102125

PQR-CD-1535-410-002

**REV. NO. 00** 

PAGE 02 OF 03

# 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. COPY RIGHT AND CONFIDENTIAL

# **REVISION HISTORY SHEET**

REV NO.	DATE	NATURE OF CHANGE	REASON	PREPARED BY	APPROVED BY
00	20/10/2023	FIRST ISSUE		GAJENDRA SINGH	MALA SIBOO



# PRE-QUALIFICATIONS REQUIREMENT FOR PURCHASE SPECIFICATION PS4102125

PQR-CD-1535-410-002

**REV. NO. 00** 

PAGE 03 OF 03

# Pre-Qualification Requirements (PQR) of Bidders for Check Synchronizing relay as a part of Offer:

- 1. The bidder or its OEM should have supplied quoted model of Check Synchronizing relay for minimum 20% of bid quantity catering to control system for any power plant or process industry in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.
- 2. Along with the documents related to PQR above, following details shall also be included in the Offer:
  - I. Technical literature / Manuals of offered Check Synchronizing relay.
  - II. Unpriced Purchase Order copies.
- 3. Name & registered address of the Indian branch office or Indian representative for support of services after sales with Organization chart.
- 4. Details of Manufacturing, testing & inspection facility.
- 5. Bidder shall have facility in India for servicing offered Check Synchronizing relay, Stocking of Spares etc. Submit these details.
- 6. If Bidder is not Original Equipment Manufacturer (OEM), then Bidder to include authorization letter from OEM. This authorization letter provided by OEM to Bidder shall indicate the Type and Duration of the agreement.
- 7. Final acceptance of the bidder shall be subject to end customer approval.

Important note: In case Bidder does not submit details mentioned in above clauses or meet the requirements of Pre-qualification requirements, Offers will be summarily rejected and bidder's technical offers/proposals will not be evaluated.

# **BHEL Material Code: SN0659416069**

# Material Description: RELAY SYNC 220VDC 2NO SKE11

SYNCHRONISING RELAY

SKE11, 220V DC.

AUX VOLTAGE: 220V DC

CONTACTS:2NO SR

WITHOUT FLAG INDICATION.

MOUNTING: FLUSH.

CASE SIZE: 1DV 20T.

PHASE ANGLE: 10DEG.

VT SEC.: 110V AC.

	<b>폐</b> एच ई एल	NAD CHA CE CDE	CONTROL THON	PS4102125
	HHH	PURCHASE SPE FOR CHECK SYNCH		REV. NO. 00
	A4 – 10			PAGE 01 OF 04
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.		URCHASE SPI R CHECK SYN REL	CHECKED BY	APPROVED BY
			JANAK KUMAR	MALA SIBOO

PREPARED

GAJENDRA SINGH

ISSUED

410

**ENGG** 

DATE

04/10/2023

बी पच ई पल	
A4 - 10	

COPY RIGHT AND CONFIDENTIAL

# **PURCHASE SPECIFICATION** FOR CHECK SYNCHRONIZING RELAY

PS4102125

**REV. NO. 00** 

PAGE 02 OF 04

# 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. **REVISION HISTORY SHEET**

DATE	NATURE OF CHANGE	REASON	PREPARED BY	APPROVED BY
4/10/2023	FIRST ISSUE		GAJENDRA SINGH	MALA SIBOO
		CHANGE	CHANGE	CHANGE BY  U/10/2023 FIRST ISSUE  GAJENDRA



COPY RIGHT AND CONFIDENTIAL

# **PURCHASE SPECIFICATION** FOR CHECK SYNCHRONIZING RELAY

PS4102125 **REV. NO. 00** 

PAGE 03 OF 04

#### 2. **TECHNICAL REQUIREMENTS**

1.	This enecification covers the requirements of check synchro	nizina relav				
••	This specification covers the requirements of check synchronizing relay.					
2.	TECHNICAL REQUIREMENTS					
The te	echnical requirement of check synchronizing relay shall be as ir	ndicated below:				
Sr. No.	SPECIFICATIONS	SUPPLIERS COMPLIANCE	REMA IF AN			
1.	RELAY TYPE: CHECK SYNCHRONIZING RELAY.	YES/ NO				
2.	AUXILIARY VOLTAGE: 220V DC.	YES/ NO				
3.	CONTACTS: TWO NORMALLY OPEN CONTACTS, SELF RESET TYPE.	YES/ NO				
4.	CONTACTS RATING: MAKE AND CARRY 7500VA FOR 3 SECONDS WITH 30 AMPERES AND 660 VOLTS MINIMUM.	YES/ NO				
5.	MOUNTING: FLUSH. ALL NECESSARY HARDWARE FOR MOUNTING OF RELAY ON VERTICAL MOUNTING BRACKET TO BE SUPPLIED ALONGWITH EACH RELAY.	YES/ NO				
6.	PHASE ANGLE: 10 DEGREE	YES/ NO				
7.	SUPPLY VOLTAGES FOR SYNCHRONIZING: TWO SUPPLY VOLTAGES OF 110V AC, 50 Hz EACH. VOLTAGE DIFFERENCE TO BE CALIBRATE AT 2%,4%,6%,8% & 10% OF NOMINAL VOLTAGE.	YES/ NO				
8.	SETTING: KNOBS/PUSH BUTTONS ON FRONT OF RELAY TO BE PROVIDED TO SET FREQUENCY & VOLTAGE DIFFERENCE.	YES/ NO				
9.	RESPONSE TIME : LESS THAN OR EQUAL TO 200 m. seconds.	YES/ NO				
10.	INSULATION: 2KV FOR 01 MINUTE (MINIMUM).	YES/ NO				
11.	GENERALLY CONFIRMS TO IEC 60255 OR EQUIVALENT STANDARD.	YES/ NO				
12.	BHEL MATERIAL CODE: SN0659416069	YES/ NO				

# 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. CONFIDENTIAL AND **COPY RIGHT**



# PURCHASE SPECIFICATION FOR CHECK SYNCHRONIZING RELAY

PS4102125 REV. NO. 00

PAGE 04 OF 04

# 3. SUPPLIER DOCUMENT REQUIREMENT SCHEDULE:

### 3.1 BIDDING STAGE

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

- i. Documents as required in pre-qualifications requirement (PQR).
- ii. Point wise Compliance to this specification. List of deviations, if any, shall be clearly brought out, clause number-wise with reasons thereof. If there are no deviations, NO DEVIATION certificate to be furnsihed alongwith bid.
- iii. Catalogues, Technical Data sheets, mechanical dimensional drawings, mounting arrangement drawing, wiring drawing shall be submitted.
- iv. Manufacturer shall offer address of the agency for after sales services during warranty period.

# 3.2 DOCUMENTS TO BE GIVEN ALONG WITH EQUIPMENT

- Manufacturer test certificate.
- **4. PACKING**: The item shall be properly packed to ensure that there are no damages / dislocation of parts during transit.

# 5. ACCEPTANCE CRITERIA:

- 5.1 Dispatch clearance by purchaser (BHEL-EDN) after verification & acceptance of test reports/ certificate submitted by supplier. Any other document as found necessary can be asked before issuing dispatch clearance. Bidder to furnish the required documents as demanded.
- 5.2 On receipt of item at BHEL-EDN, final acceptance will be by quality services of purchaser (BHEL-EDN), verifying the conformance of item to this purchase specification, physical verification, inspection & functional testing of each item as per specification. Subsequently, they shall be further inspected at the stage of assembly of panels at works, and then all (100%) relays shall be functionally tested during system testing of the panels. If, during any of these stages, any relay found to be non-conforming to specifications, or functionally defective, they shall be rectified/replaced by the manufacturer representative without any financial implications, and in the shortest possible time-frame.