



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2023/B/4358589  
Dated/दिनांक : 20-12-2023

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-01-2024 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-01-2024 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name/कार्यालय का नाम	Janpath
Total Quantity/कुल मात्रा	813
Item Category/मद केटेगरी	Electrical 12 way Power Distribution Panel , Installation testing and Commissioning of 12 Way Electrical power Distribution panel , 300 Sq mm x 3point5 Core Aluminium Power Cable , Laying and Installation of 300 sq mm x 3point5 core Aluminium Power cable , Supply of Electrical Insulating Mats , Dismantling and removing of various parts
BOQ Title/बीओक्यू शीर्षक	SUPPLY AND INSTALLATION OF NEW 12 WAY POWER DISTRIBUTION PANEL WITH COMPLETE SYSTEM
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	8 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	1 Year (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes

<b>Bid Details/बिड विवरण</b>	
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Past Performance,Bidder Turnover,Compliance of BoQ specification and supporting document *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
<b>Past Performance/विगत प्रदर्शन</b>	40 %
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Primary product category</b>	Electrical 12 way Power Distribution Panel
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	4 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	Indusind bank
EMD Amount/ईएमडी राशि	36100

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	Indusind bank
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	16

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**  
CHIEF GENERAL MANAGER

Currency Note Press, Jail Road, Nashik 422101  
(Currency Note Press, A Unit Of Spmcil)

### 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
--	-----

### MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
---	-----

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. 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.
6. 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.

7. 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.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 40% of bid quantity, 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. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Electrical 12 Way Power Distribution Panel

**(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

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

### 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	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

## Installation Testing And Commissioning Of 12 Way Electrical Power Distribution Panel

**(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**

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

**300 Sq Mm X 3point5 Core Aluminium Power Cable**

**(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**

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

**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	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	400	60

### Laying And Installation Of 300 Sq Mm X 3point5 Core AluminiumPower Cable

(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

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

#### 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	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	400	60

### Supply Of Electrical Insulating Mats

(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

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	10	60

**Dismantling And Removing Of Various Parts**

(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**

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Sunilkumar Kewalchand Ramteke	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

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

**1. 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.

**2. Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

CURRENCY NOTE PRESS  
JAIL ROAD  
NASHIK ROAD  
NASHIK  
101  
.

**3. Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

**4. Warranty**

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

**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. Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

CURRENCY NOTE PRESS, A UNIT OF SPMCIL  
payable at  
NASHIK  
.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

**8. Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of

CURRENCY NOTE PRESS, A UNIT OF SPMCIL  
payable at  
NASHIK  
.

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.



#### 9. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

CURRENCY NOTE PRESS, A UNIT OF SPMCIL  
Account No.  
201003551111  
IFSC Code  
INDB0001451  
Bank Name  
INDUSIND BANK  
Branch address  
ASHOKA MARG, NASHIK

. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

#### 10. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

CURRENCY NOTE PRESS, A UNIT OF SPMCIL  
payable at  
NASHIK

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

#### 11. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

CURRENCY NOTE PRESS, A UNIT OF SPMCIL  
Account No.  
201003551111  
IFSC Code  
INDB0001451  
Bank Name  
INDUSIND BANK  
Branch address  
ASHOKA MARG, NASHIK

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

#### 12. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

CURRENCY NOTE PRESS, A UNIT OF SPMCIL, NASHIK  
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

#### 13. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

## **A) TECHNICAL SPECIFICATION:**

-

### **ITEM NO.01**

#### **Electrical 12 way Power Distribution Panel.**

Supply, of Electrical 12 way Power Distribution Panel complete with Main Incomer, Outgoing Switches, bus-bar & cable chambers, Indication Lamps, Metering and Control wiring.

#### **Technical Details:**

The Panel shall be of totally enclosed wall/floor mounting fully compartmentalized front operated, dust & vermin proof construction. Each compartment shall be self-sufficient with Incoming/Outgoing MCCB and power ON indication. It shall be a compact unit with all smooth joints close fitting non protrusive and conforming to IP 42 protection. All MCCBs shall be with Rotary door Handles for ease of operation. The Power distribution panel shall be of folded CRCA sheet construction assembled on Channel / Angle Iron base-frame. The Panel shall be fabricated in 16 SWG CRCA sheet. The panel shall have sufficient reinforced structure to sustain operational vibration, provide rigidity during shipment and installation.

The panel shall be powder coated (7 tank process) with shade RAL-7032 execution of surface treatment such as degreasing, acid pickling etc. The panel shall have provision for cable entry from bottom as well as top side. The panel shall have lifting hooks at each corner for shifting and handling. The Incoming and Outgoing Bus-bar shall be of electrolytic grade Copper of capacity min 1.8 A/sq. mm with tinned copper interconnections and duly insulated with heat shrinkable sleeve with phase identification marking. All terminals shall be shrouded in approved manner to maintain the phase to phase insulating distance. All CTs/PTs used for metering shall be resin cast and ISI marked of standard brand.

All Control wiring shall be of 1.5 sq.mm. for potential & 2.5 sq.mm. for current with flexible multi strand copper wire having terminal ferrules for identification.

All access doors shall be provided with rubber/neoprene gasket and latches that are sufficiently strong to hold them in alignment when closed. All operating handles shall be having door interlocking arrangement.

Panel Name plate shall be provided on the front side with manufacturer's name, address, contact information, etc. and the type of panel viz. PDB for South Cabin. Name plates shall be provided on the front side of the panel at outgoing terminals for easy identification. All vertical cubicle-sections of the panels shall be marked with column numbers for identifying the respective column from front side of the panel. The name/number plates shall be made up of black anodized aluminium plate with sufficient readable text size. All switches shall be

mounted at easily accessible height and highest operating handle shall not be more than 1.75 meter high from the floor. Danger sign board of proper size shall be provided on the front of the panel conforming to IEA Rules. Arrangement for double earthing terminals shall be provided on the frame

e at two separate points

NOTE : The size of South Cabin Switch Room is Height-2.1m, Length- 2.5m and Depth- 0.9m. Therefore the panel shall be designed to fit in the available space with only front access using latest switchgear that occupies less electrical design space conforming to applicable relevant electrical rules.

**[i] Incoming Feeder:**

Moulded Case Circuit Breaker

Rating: 600A ,Number of Pole : Four pole

Ue : 690 V AC, 50/60 Hz,

Working voltage- 415/440volts AC 50/60 Hz

Icu At 380-415V AC : 36KA

With Rotary Operating Handle Mechanism.

Standard : Relevant latest IS/IEC Standards

Preferred Make : SIEMENS / ABB / L&T or equivalent

Quantity : 01 No.

**[ii] Outgoing Feeders :**

1. Moulded case circuit breaker

Rating : 200 Amp, Number of Pole : Three pole

Ue : 690 V AC, 50/60 Hz

Working voltage- 415/440volts AC 50/60 Hz

Icu At 380-415V AC : 36KA

With Rotary Operating Handle Mechanism.

Standard : Relevant latest IS/IEC Standards

Preferred Make : SIEMENS / ABB / L&T or equivalent

Quantity : 02 Nos.

2. Moulded case circuit breaker

Rating : 100 Amp, Number of Pole : Three pole,

Ue : 690 V AC, 50/60 Hz

Working voltage- 415/440volts AC 50/60 Hz

Icu At 380-415V AC : 15KA

With Rotary Operating Handle Mechanism.

Standard : Relevant latest IS/IEC Standards

Preferred Make : SIEMENS / ABB / L&T or equivalent

Quantity : 04 Nos.

3. Moulded case circuit breaker

Rating : 63 Amp, Number of Pole : Three pole,

Ue : 690 V AC, 50/60 Hz

Working voltage- 415/440volts AC 50/60 Hz

Icu At 380-415V AC : 15KA

With Rotary Operating Handle Mechanism.

Standard : Relevant latest IS/IEC Standards

Preferred Make : SIEMENS / ABB / L&T or equivalent

Quantity : 06 Nos.

### **[iii] Indication & Measuring Instruments :**

The panel shall be provided with:

a. Three Phase Red, Yellow & Blue LED Indication for Incoming Supply indication-

Qty. 03 Nos.

b. Digital Multifunction Meter of size 96 x96 capable to measure Voltage,

Current, Frequency, KVAh, & KWh for Incomer- Qty. 01 No.

d. Digital Multifunction Meter of size 96 x96 capable to measure Voltage,

Current, Frequency, KVAh, KWh for Outgoing feeders of 200A – Qty. 02 Nos.

Preferred Make :

A) Indicators : SIEMENS /ABB / L&T/ TEKNIK or equivalent

B) Meters : RUSHABH / MULTISPAN / SELECTRON / L&T or equivalent

### **ITEM NO.02**

#### **Installation testing and Commissioning of 12 Way Electrical power Distribution panel**

Installation, testing & Commissioning of 12 Way Electrical power Distribution panel inside South Cabin Switch Room, CNP-I

a. The firm shall install and commission the supplied Power Distribution Panel on the base frame/st and provided along with panel.

b. The panel shall be fixed with grouting and removable 'L' plates at the location specified by CNP's authority.

c. The firm should terminate all outgoing cables to outgoing feeder of the panel with proper size of

Lugs and Cable glands. The Lugs and cable glands should be of reputed make like Dowells , Jainsons, Crimpwell etc.

d. The firm should terminate the earthing at two points on the Panel.

e. It shall be the firm's responsibility to provide supervisor / engineer during the installation and commissioning of the Power Distribution Panel.

f. CNP shall provide free electricity. All tools and tackles required for Installation and Commissioning should be brought by the firm.

g. The firm should supply all required accessories for installation of power distribution panel.

h. The Firm shall furnish test report for Panel for HV test.

i. The firm shall carry out the megger test for whole installation before charging and submit the report.

j. The firm shall charge the cable after permission of CNP's authority in the presence of CNP's engineer.

### **ITEM NO.03**

#### **300 Sq mm x 3½Core Aluminium Power Cable**

Supply of 300 sq. mm. x 3½Core XLPE insulated Aluminium multi strand conductor Armoured Power cable for feeding electrical power from Electrical Sub-station-I/III/III-A to the Power Distribution Panel inside South Cabin Switch Room, CNP-I

Technical Specification of 300 Sq mm x 3½Core Aluminium Power Cable :

XLPE Insulated, inner sheathed, Armoured Power Cable

Conductor : Aluminium multi-strand, Flexible

Voltage Grade : 1.1 KV

Size : 300 Sq.mm. , Core : 3½

Confirming to : Relevant IS standards

Nominal System Voltage : 440 V +/- 10%

Nominal System Frequency : 50 Hz +/-3%

Maximum Conductor temperature : as per standard

Maximum Conductor Temperature in short circuit : as per standard

Insulating Material : XLPE

Core Identification Strips : Red , Yellow, Blue & Black

Preferred Make : POLYCAB / LAPP /CCI /HAVELLS or equivalent

#### **ITEM NO.04**

##### **Laying and Installation of 300 sq mm x 3½core XLPE insulated Aluminium conductor Armoured Power cable**

Laying & Installation of 300 sq mm x 3½core XLPE insulated Aluminium conductor Armoured Power cable from Electrical Sub-station-I/III/III-A to the Power Distribution Panel inside South Cabin Switch Room, CNP-I

- a. The firm shall carryout the laying & installation work of above supplied power cable from Electrical Sub-station-I/III/III-A to the 12-way Power Distribution Panel inside South Cabin Switch Room, CNP-I
- b. The firm shall supply all required Cable Gland, Lugs, Clamp , metallic brackets/cable trays which ever is required for laying, termination & installation work of the cable from Power Feeder Panel of Electrical Sub-station-I/III/III-A to 12-way Power Distribution Panel inside South Cabin Switch Room, CNP-I
- c. The firm shall fix and route the cable through the route specified by CNP's Authority. The cable shall be fixed with clamp strong enough to hold the cable at its position. All clamps should be of heavy duty, MS material & duly coloured with oil based black colour.
- d. If required the firm should provide the cable marker throughout the route of cable at minimum interval of 3 mtr. distance to trace the cable.
- e. The Aluminium / copper lugs should be used for connection to Aluminium cable/ copper bus-bar.
- f. The accessories like Lugs, cable glands etc. should be of reputed make like Dowells, Jainson, Etc.

#### **ITEM NO.05**

##### **Supply of Electrical Insulating Mats**

Technical Specifications:-

Electrical Insulating Mats conforming to IS 15652(2006)

Size: Width 0.9 m. x Thickness 2.5 mm.

Insulation Rating: Minimum 3.3 KV

Make: ELECTROMAT/ DURATUF or equivalent with ISI Mark

#### **ITEM NO.06**

##### **Dismantling and removing of various parts**

Dismantling and removing of existing old Power Distribution Switches, Bus bars, Metal frames, brackets, cables etc. in South Cabin Switch Room

## **B) General Terms & Conditions.**

1. All safety precautions required for working at height as per CNP Safety department has to be taken care of by the firm.
2. All safety precautions required for Hot Work( Welding/cutting etc.) as per CNP Safety department has to be taken care of by the firm.
3. All material supplied and workmanship of job work done shall bear a guaranty of minimum ONE year.
4. The firm's representative shall visit the site with prior permission to study the site conditions if required before submitting the offer.
5. Material supply and installation work are related to each other. Hence Supply of materials and their installation work shall be awarded to single firm as these are complementary in nature.
6. Being a turnkey project the firm on which P.O. is placed has to supply all necessary materials for successful completion of the total work.
7. All necessary tools and tackles & safe working gear like safety belts, helmets etc. have to be arranged by the firm for safe and hassle-free completion of the project.
8. The participating firm must possess valid electrical contractor licence/electrical supervisor licence issued by competent State/Central Govt. authorities.
9. The firm shall attach the catalogue of offered switchgear along with BID .
10. The firm shall provide the Panel electrical wiring diagram 3 set after completion of the work.
11. The size of South Cabin Switch Room is Height-2.1m, Length- 2.5m and Depth- 0.9m. Therefore the panel shall be designed to fit in the available space with only front access using latest switchgear that occupies less electrical design space conforming to applicable relevant electrical rules.

## **C) MINIMUM ELIGIBILITY CRITERIA**

**The following shall be the minimum eligibility criteria for selection of bidders:**

### **1. Experience and past performance:**

The bidder should have experience of having successfully completed order for Supply & Installation of 1 no's of Power Distribution Panel with complete accessories and 160 Mtr of 300 sqmm x 3.5 core XLPE Power cable of similar or higher specification in any one year during last 5 years ending 31.03.2023.

## **2. Capacity and Capability:**

The bidder should having capacity of successfully completing order for Supply & Installation of 1 no's of Power Distribution Panel with complete accessories and 160 Mtr of 300 sqmm x 3.5 core XLPE Power cable .

Note: All experience, past performance and capacity/ capability related data should be certified by the authorized signatory of the bidder firm.

## **3. Financial Standing:**

(a) Average Annual turnover of the bidder firm should be more than Rs.7,20,700/- during last three years i.e. 2020-2021, 2021-2022 and 2022-2023.

(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2020-2021, 2021-2022 and 2022-2023.

(c) The net worth of the firm should not be negative in FY 2022-2023 and should not have eroded by more than 30% in the last three financial years i.e. 2020-2021, 2021-2022 and 2022-2023.

4. The bidder should give undertaking/declaration that they have read and understood all the terms (with technical specification) & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.

5. The bidder shall submit offered product catalogue with technical bid.

6. The firm should attach valid authorization certificate obtained from manufacturer of various parts of power distribution panel and power cable etc.

7. The interested bidder must be holding valid electrical contractor's licence/electrical supervisor licence issued by the competent authorities (State/Central) and copy of the same shall be enclosed along with the bid.

8. Note:-

(i) In support of experience criteria, the bidder has to submit attested copies of P.O's, Experience certificates issued by customers.

(ii) All experience, past performance & capacity/ capability related/data should be certified by the authorized signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder may be verified from the part



ies for whom work has been done.

(iii) All financial standing data such as Balance Sheet, Profit & Loss account statement etc. should be certified by certified accountants e.g. Chartered Accounts. Financial statement duly certified by CA for year 2020-2021, 2021-2022 and 2022-2023 to be submitted with UDIN No.

**Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non submission or incomplete submission of documents may lead to rejection of offer.**

## **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---**