

### Bid Document

Bid Details	
Bid End Date/Time	01-07-2020 16:00:00
Bid Opening Date/Time	2020-07-01 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Contracts And Materials
Organisation Name	Ntpc Ltd
Office Name	Western Region I Shared Services Centre
Total Quantity	4
Item Category	Access Controlled Handle Door Lock
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *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	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

### MSE Purchase Preference

MSE Purchase Preference	Yes
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1. 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% 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 percentage of 25% of total value.

## Access Controlled Handle Door Lock ( 4 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Usage / Application for Door security locking with authorised in out control	Yes	*
	Should be Ideal for Wooden door - Glass door - Metal door - Steel door	Yes	*
	Door Handle should be Backset adjustable single latch design/Reversible type	Yes	*
	<b>Lock type</b>	Multipoint Locking system	Multipoint Locking system
	<b>Access Control Hardware Architecture (Device with)</b>	In built Controller	In built Controller
	<b>Access control software Architecture</b>	Stand Alone	Stand Alone
	<b>Types of Access Control Credentials / Device</b>	Fingerprint + RFID card + Pin based Access Control	Fingerprint + RFID card + Pin based Access Control
	<b>Finger Sensor</b>	Passive capacitance	Passive capacitance

<b>Design</b>	and active capacitance	and active capacitance
<b>RFID sensing Design</b>	Electromagnetic sensor	Electromagnetic sensor
<b>Type of RFID card supported</b>	Mifare	Mifare
<b>Screen type</b>	Touch	Touch
Optical/RFID sensing area	1 inch X 1 inch	*
Optical sensor Resolution $\pm 1$ %	500 DPI	*
Fingerprint Identification time	<1 second	*
Fingerprint gathering time	<2 second	*
Fingerprint templates remain intact after power failure	Yes	*
Authentication speed (FAR – False acceptance rate)	$\leq 0.1$ %	*
Authentication speed (FRR – False rejection rate)	$\leq 0.0001$ %	*
Total Rotational angle	360 degree	*
Automatic Template Distribution of Biometric Templates on Assigned Devices to User	Yes	*
Operating temperature	0 degree centigrade to 45 degree centigrade	*
Operating Environment	Humidity RH 48 % to 80 %	*
<b>Fingerprint memory/storage capacity</b>	Support upto 99 fingerprint	Support upto 99 fingerprint
<b>Number of digits for input password/pin code</b>	Capable of 12 digit input pin code	Capable of 12 digit input pin code
<b>Facility of RFID card registration</b>	Upto 100 RFID cards	Upto 100 RFID cards
Auto locking Facility	Yes	*
Remote facility	Yes – can be operated within defined distances	*
Provision of Super administrator and administrator – who	Yes	*

	can enroll and delete		
	Provision of flexible user pin	Yes	*
	Working power/Power input	4 x 1.5V AAA alkaline cell	*
	Dynamic state power consumed	-	*
	Static state power consumed	-	*
	<b>Dead bolt error alarm</b>	Yes	Yes
	<b>Fire sensor</b>	Yes	Yes
	<b>Alarm provision - when door is not closed properly</b>	Yes	Yes
	<b>Tamper detection (Security alarm - when the invalid operation is made frequently by other than user)</b>	Yes	Yes
	Low Battery warning	voltage <4.8 volt	*
	<b>Customized Report Generation Facility</b>	No	Yes, No
	Back up unlock mechanism	Yes	*
	<b>Installation and Commissioning is included in the scope of supply</b>	Yes	Yes
MATERIAL	<b>Body material</b>	ABS plastic (Acrylonitrile Butadiene Styrene)	ABS plastic (Acrylonitrile Butadiene Styrene)
	<b>Thickness of body material</b>	2 mm	2 mm
	Suitable for Door thickness	-	*
	<b>Front panel material</b>	Zinc alloy	Zinc alloy
DIMENSION	<b>Back set length/Case size</b>	57 mm/76 mm	57 mm/76 mm
FINISH	<b>Finish type</b>	Matt finish	Matt finish
	<b>Front panel colors</b>	Black	Black
WARRANTY	<b>Warranty</b>	1	1, 2, 3 Or higher
	Warranty in years for Battery life	1	*

CERTIFICATION	BIS registration under CRS of Meity	No	*
	RoHS compliance certification	No	*
	<b>Type Test Certificate Covering (TCC) all parameters and environmental tests from STQC certified lab</b>	No	Yes, No
	Test reports to be furnished to buyer on demand, if claimed to be available	-	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vivek Pandurangji Masram	441104,NTPC Limited, Mouda Super Thermal Power Project, Mouda Ramtek Road, PO Mouda	4	60

#### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**