

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	10-11-2021 18:00:00
<b>Bid Opening Date/Time</b>	10-11-2021 18:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	70 (Days)
<b>Ministry/State Name</b>	Ministry Of Power
<b>Department Name</b>	Na
<b>Organisation Name</b>	Ntpc Limited
<b>Office Name</b>	Cc-eoc Noida
<b>Total Quantity</b>	20
<b>Item Category</b>	Video Conferencing Camera , Speakerphone , Microphone , Audio Video Cable
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	Certificate (Requested in ATC),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
<b>Bid to RA enabled</b>	No
<b>Primary product category</b>	Video Conferencing Camera
<b>Time allowed for Technical Clarifications during technical evaluation</b>	7 Days
<b>Evaluation Method</b>	Total value wise evaluation

### EMD Detail

Required	No
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### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	42

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

AGM  
CC-EOC Noida, NA, NTPC Limited, Ministry of Power  
(Surendra Pandey)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	No
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**Details of the Competent Authority for MII**

Name of Competent Authority	M. BISHOYEE
Designation of Competent Authority	GM(IT)
Office / Department / Division of Competent Authority	
CA Approval Number	
Competent Authority Approval Date	2021-10-01 00:00:00
Brief Description of the Approval Granted by Competent Authority	As per Sl. No.12 of Office Memorandum dated 14.09.2021 of GOI regarding exemption of MII clause for various ICT items.

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

**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% (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 100%(selected by Buyer) percentage of total QUANTITY.

2. 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.

**Video Conferencing Camera ( 5 pieces )**

Brand Type	Registered Brand
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**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Camera</b>	PTZ Or higher
	<b>Resolution</b>	1080p, 60fps, 4K, 30fps, 4K, 60fps Or higher
	<b>Zoom Range Optical</b>	20X, 22X, 30X Or higher
	<b>Zoom Range Digital</b>	12X Or higher
	<b>Camera Positioning System</b>	Automatic Voice-activated, Face Detection, Preset, Manual Or higher
	Type of Sensor	CCD, CMOS, MOS Or higher
	Camera Control (focusing, brightness, and white balance)	Automatic Or higher
	<b>Input/Output Port</b>	RJ45, HDMI, USB 3.0
	<b>On Site OEM Warranty (Year)</b>	3, 5 Or higher

**Additional Specification Parameters - Video Conferencing Camera ( 5 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
1. Camera for Video Conferencing System 2. Resolution 3.Field of View (Degree) 4. Pan Range (Minimum to Maximum (+/- Degree) 5. Tilt Range (Minimum to Maximum (+/-Degree) 6. Camera Positioning System	1. Camera without Codec 2.1080p, 60fps 3. 55 4. -1,70,170 5. -30,90 6. Preset
7. BIS Registration under CRS of Meity 8. UL/CE certification 9. Minimum Operating temperature (Degree C) 10. Maximum Operating temperature (Degree C 11. Minimum Operating Humidity (%RH)	7. Yes 8. Yes 9. -10 10. 45 11. 10
12. Maximum Operating humidity (%RH) 13. On Site OEM Warranty (Year)	12. 85 13. 3

Specification Parameter Name	Bid Requirement (Allowed Values)
14. Additional Parameter	14. Must have Configurable TCP/IP, HTTP Port, RTSP Port. USB 3.0, RJ-45 and HDMI Video Port and RS-232, RS-485 and RJ-45 Control port. Dual H.264 and H.265 Streams in Full HD & HD. Configurable site addressing while on streaming with Time stamp is required. At least one preset shall get recalled whenever camera is powered on. Shall have atleast Sixty Eight Deg Field of View. TCP/IP Control with configurable Port.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shri Pal Singh	110003,HR STORES, NTPC BHAWAN,CORE 7,FIRST FLOOR,SCOPE COMPLEX,7 INSTITUTIONAL AREA,LODHI ROAD,NEW DELHI 110003	5	56

#### Speakerphone ( 5 pieces )

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
MICROPHONE	<b>Number of Microphones</b>	4, 5, 6 Or higher
	<b>Type of Microphones</b>	omnidirectional
TYPE	<b>Professional Speakerphone allows to connect with software video conferencing system(UC System)</b>	Yes
	<b>Digital Signal Processing (DSP ) technology</b>	Yes
CONNECTIVITY	USB Connectivity	Yes
	Bluetooth Connectivity	Yes
	Auxiliary Audio Output Through Audio Jack	Yes
	Auxiliary Audio Input Through Audio Jack	Yes
FUNCTIONS AVAILABLE	Answer Call	Yes
	End or Reject Call	Yes
	Mute / Unmute Microphone	Yes
POWER OPTION	<b>Battery Backup Time</b>	More than 0.000342231348391513 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Battery Status Indicator	Yes
MISCELLANEOUS	<b>On Site OEM Warranty (Year)</b>	3, 5, 7, 10 Or higher

**Additional Specification Parameters - Speakerphone ( 5 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
1. For Microphone: (a) Frequency Response (Tx) Minimum (KHz) (b) Frequency Response (Tx) Maximum (KHz)	(a) 0.1 (b) 22
(2)For Speaker: (a) Frequency Response (Tx) Minimum (KHz) (b) Frequency Response (Tx) Maximum (KHz) (c) Volume Adjustable	(a) 0.1 (b) 22 (c) Yes
3. Volume up and down 4. Power Source 5. If Battery Operated, Battery Capacity (mAH) 6. Battery Backup Time 7. Standard Accessories to be Supplied 8. Minimum Operating Temperature	3. Yes 4. Battery 5. Minimum 1000 6. Minimum 3 hour 7. RF Dongle, USB cable 8. -1 degree Celsius
9. Maximum Operating Temperature 10. Minimum Storage Temperature 11. Maximum Storage Temperature 12. Minimum Operating Humidity (RH) (%) 13. Maximum Operating Humidity (RH)(%) 14. Certifications Available	9. 45 degree Celsius 10. -10 degree Celsius 11. 50 degree Celsius 12. 10 13. 85 14. CE
15. Additional parameter	15. Shall work as wired and wireless speakerphone with Mic & speaker FR of 100 Hz to 22 KHz, NR < 25dB, AEC <65 db & Output level: 95dB at one meter. Shall have Vol Up/Down, Mic Mute/Unmute, Power On/Off keys. Must have EC on/Off hard key option. Shall have Indication for Mic mute/unmute, vol mute/unmute, low battery, full battery, charging. Shall have USB, Line In/Out, 2 nos RJ-10 & 6-Pin mini Din control port.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shri Pal Singh	110003,HR STORES, NTPC BHAWAN,CORE 7,FIRST FLOOR,SCOPE COMPLEX,7 INSTITUTIONAL AREA,LODHI ROAD,NEW DELHI 110003	5	56

### Microphone ( 5 pieces )

Brand Type	Registered Brand
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### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	Wired
	Form Factor	Boundary Layer
	If Wireless, Operating Range	More than 0.0 Or higher
	Polar Pattern / Directionality	Omni Directional
	Microphone Transducer Type	Condenser
	Frequency Response (Hz)	20-20,000 Hz
	Equivalent Noise Level (dBa)	26
	Audio Connector Type	3 wires (Power, Audio out, GND)
	Power Source	maindevice
	Operating Temperature Range (Degree C)	0to40c
	Warranty (Years)	3

### Additional Specification Parameters - Microphone ( 5 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
1. Signal to Noise Ratio (dB) 2. Electrical impedance (ohm) 3. Sensitivity	1. 68 2. 8 3. -43 dBV/Pa (7.0 mV)
4. LED Indicator 5. On/Off switch 6. Operating Humidity (RH%)	4. Available 5. Available 6. 85

Specification Parameter Name	Bid Requirement (Allowed Values)
7. Additional Parameters	7. Shall be supplied as pair and shall have Mute Button on each mic. Shall mute unmute the complete Audio System Mics.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shri Pal Singh	110003,HR STORES, NTPC BHAWAN,CORE 7,FIRST FLOOR,SCOPE COMPLEX,7 INSTITUTIONAL AREA,LODHI ROAD,NEW DELHI 110003	5	56

#### Audio Video Cable ( 5 pieces )

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
General Specification	Type	Male-Male
	Connector Material Plated	Gold plated
Construction	Conductor Material	Copper
Technical Specification	Audio/Video Transmission speed in Mbps	1000
	Resolution in Pixels	1080

#### Additional Specification Parameters - Audio Video Cable ( 5 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
1. Cable Material 2. Friction Free Cables 3. Shock Resistance	1. Plastic+Copper+ PVC 2. Yes 3. Yes
4. Length 5. Frequency Range 6. Operating Temperature Range	4. 27 feet 5. 60 hertz 6. 45 degree celsius
7. Compatible Devices 8. Certification	7. LED 8. ISO9001

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shri Pal Singh	110003,HR STORES, NTPC BHAWAN,CORE 7,FIRST FLOOR,SCOPE COMPLEX,7 INSTITUTIONAL AREA,LODHI ROAD,NEW DELHI 110003	5	56

#### Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	SCOPE OF WORK <a href="#">View</a>	SCOPE OF WORK	Video Conferencing Camera(5),Microphone(5),Audio Video Cable(5)

**The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.**

#### Buyer Added Bid Specific Additional Terms and Conditions

- 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 100% of total value.
- Buyer Added text based ATC clauses
  - For getting MSE purchase preference for the entire package, the bidder must be manufacturer of Video Conferencing Camera.
  - Installation and Commissioning:** Installation & Commissioning shall include installation & commissioning of all equipment under supply. The supply of all installation material required for installation including all Cables and Connectors shall be in the scope of Work of the Supplier.
  - Warranty:** The bidder shall warranty the equipment for good performance to the satisfaction of the Owner for a period **of 3 years** from the date of acceptance on successful commissioning. During the warranty period, the Bidder shall promptly attend to any number of complaint and get the faulty equipment repaired/replaced in the shortest possible time. Satisfactory working shall be restored within 24 hours of intimation by the Owner. Necessary spares shall be stocked by the Bidder to ensure minimum downtime in case of fault. All materials, parts, services etc., during the warranty period shall be provided free of charge to Owner.



- 4. **Delivery Period:** Delivery Of equipment's: within 8 weeks of Purchase Order, Installation & Commissioning : 4 weeks after delivery.
- 5. **Authorization Partner Certificate:**Bids specific OEM authorized certificates confirming warranty clause of 3 years.
- 6. **Payment terms:** 100% on acceptance by engineer-incharge after installation, commissioning & satisfactory performance.
- 7. **Contract Performance Security:** The successful bidder shall be required to furnish the Contract Performance Guarantee (CPG) for an amount equal to 3% of total order value. CPG should be valid for a period of three months (3 months) beyond the expiry of warranty period.

The CPG should be submitted within 30 days of placement of award.

- 8. All bids must be accompanied by “**Bid Security Declaration**” in lieu of Bid Security in the form as per format attached at **Annexure-1** to this document.

## **Annexure-1**

### **Bid Security Declaration Form**

To

*[Employer's Name and Address]*

Dear Sirs,

In accordance with Invitation for Bids under your Bid Document No..... ,

We, M/s.....*[Bidder's Name]*..... having our Registered/ Head Office at..... (Hereinafter called the 'Bidder') wish to participate in the said tender for *[Name of Package]* .....

We confirm that we have read the provisions of the bidding document no. .... and we hereby declare the following:

- 1. We confirm that, in case we withdraw our offer within the validity period of the offer

provided in the bidding documents or any extension thereof, then we shall be treated as ineligible for participation in the future tenders issued from NTPC for

a period of **06 months** from the date of withdrawal of the bid.

2. In addition, we also confirm that in case after having been issued the Notification of Award/Purchase Order of a package, we either do not accept the Notification of

Award/Purchase Order or do not sign the Contract or do not submit an acceptable

Performance Security as per bidding documents provision, and which result in tender being annulled then we shall be treated ineligible for participation in retendering of this particular package and contractual action may be taken against us as per the provisions of the Bidding documents. Further, NTPC shall also be free to take further actions as per the provisions of the policy for Withholding and Banning

of Business Dealings.

Date: Signature

Place: Name of the Authorized person

**NOTE :**

**Bidder may note that in case they do not submit the aforesaid declaration or no confirmation is indicated by them or statement/any declaration like 'later', 'to be furnished later', 'NA' etc. are indicated against the declaration, then the bid shall be rejected by EMPLOYER as being non-responsive and shall not be opened.**

## **Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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](#)

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.

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