

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	11-06-2025 15:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	11-06-2025 15:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	180 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Power
<b>Department Name/विभाग का नाम</b>	Power Grid Corporation Of India Limited
<b>Organisation Name/संगठन का नाम</b>	Power Grid Corporation Of India Limited
<b>Office Name/कार्यालय का नाम</b>	Corporate Office Gurgaon
<b>क्रैता ईमेल/Buyer Email</b>	con925.pgcl.gj@gembuyer.in
<b>Total Quantity/कुल मात्रा</b>	1
<b>Item Category/मद केटेगरी</b>	Insulation/Dielectric Diagnostic Analyzer (FDS Test kit)
<b>GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS</b>	Insulation/Dielectric Diagnostic Analyser
<b>GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS</b>	Dielectric oil, Environmental Chamber, Insulation Tester, High Performance Liquid Chromatography (HPLC) System, Acoustical insulation, Dielectric Constant Kit for Solids, Gas Analyser, Power Analyser, Moisture analyser, PVC Insulated Copper Cable Single and Multi - Core Circular Sheathed Cable with Flexible Conductor (V2) as per IS 694
<b>अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification</b>	<ul style="list-style-type: none"> <li>• Environmental Chamber</li> <li>• Dielectric Constant Kit for Solids</li> <li>• Insulation Tester</li> </ul>
<b>MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट</b>	No
<b>Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट</b>	No

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

#### EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	56000

#### ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	103

(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 :**

Sr. GM

POWER GRID CORPORATION OF INDIA LIMITED, Plot No. 54, Beside Riya-Revti Resort, 390008, Sama-Savli Rd, opp. Ambe Vidhyalaya, Chanakyapuri Society, Kasturba Nagar, New Sama, Vadodara, Gujarat 391740  
(Powergrid Corporation Of India Limited)

**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
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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 will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

**Insulation/Dielectric Diagnostic Analyzer (FDS Test Kit) ( 1 set )**

**(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	<a href="#">Download</a>
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**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	Manish Vinod Prasad	382305, Power Grid Corporation of India, 400/220kC Sub-station, Vasna-Rathod Road, Near Ganeshpura Village, Dehgam, Gujrat - 382305	1	120

**Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें****1. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**Subject- Supply, delivery & commissioning of Insulation/Dielectric Diagnostic Analyzer (FDS Test kit) under New Navsari project.**

**A. Bidder has to submit following as per the condition of bidding document ATC clause-4-**

- Declaration of local content under MII
- OEM authorization certificate
- Bid forms 1-4 (format provided in ATC uploaded document)

**B. TECHNICAL SPECIFICATION**

**i.** The technical specification for the materials is attached in the GeM bid. Material offered must be strictly adhered to the technical specification. Bidder have to submit the compliance of buyer added TS.

**Technical Specifications for Insulation/Dielectric Diagnostic Analyzer**

Sr.No	Description	Specifications
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1.	<b>Function of the kit</b>	<p>Instrument shall accurately carry out the following,</p> <p>a) Analysis of Water content in Oil-Paper, and insulation of Power and Instrument Transformer.</p> <p>b) Diagnosis of all types of bushing and CB insulation.</p> <p>c) Diagnosis of Cable and Motor Insulation.</p> <p>The kit shall be based on Frequency Domain Spectrograph (FDS) as well as Dielectric Frequency Response (DFR) technique for analysis. The measurements shall be at lower frequencies and effected through tan delta and capacitance measurement of insulation.</p>
2.	<b>Mains Input Power</b>	230V $\pm$ 10% at 50 Hz
3.	<b>Voltage output Current Output Frequency range</b>	<p>0-200V, 0-50mA 0.1mHz to 5KHz min</p>
4.	<b>Measurements</b>	<p>Capacitance- 10pF to 10<math>\mu</math>F Dissipation Factor -0 to 10 @ accuracy of 2% max</p>
5.	<b>Measurement Channels</b>	Channel 1, Channel 2.
6.	<b>Measurement Modes</b>	UST, GST, GSTg. minimum
7.	<b>P C requirement</b>	<p>A reputed laptop with the latest specifications such as Core 2 Duo processor, 2GB DDR RAM 320GB HDD DVD writer, 15" TFT screen or with better specs. Preloaded with MS Windows XP, /VISTA/latest with antivirus. Original CDs etc.</p> <p><b>The cost of PC shall be quoted separately.</b></p>
8.	<b>Software</b>	<p>The test record should be downloaded via RS 232 C port to a PC in windows Excel/equivalent format. Software shall be able to assist in analyzing the measurements and its reporting in user friendly manner. Software upgradation shall be done as and when applies with no cost to POWERGRID.</p>

9.	<b>Accessories</b>	All testing/measurement low noise cables 18 meter long. PC inter phase cables, Power supply cables, U SB cables, Operating manual, Original CD and software, Application CD etc. Hard carrying case etc. connectors. AC power adopter.
10.	<b>Repeatability</b>	It should offer repeatability of test results in charge d switchyard.
11.	<b>Operating conditions</b>	Shall operate at Temperature 0 to 50 deg C, Humidity not condensing up to 95%,
12.	<b>Safety Standards</b>	The test set shall meet international safety standard for IEC 61010-1 safety and IEC 61326-1 EMC
13.	<b>Warranty/AMC</b>	<p>Kit shall be guaranteed for minimum 3 years. Supplier will have to execute AMC for five years for smooth and reliable operation of the kit after the completion of guarantee period. The rates shall be quoted along with the bid and it shall be taken into consideration during evaluation of bids. The AMC shall cover,</p> <p>a) Calibration of instrument (annually) b) As much as visits for repairs to site.</p> <p>If the kit needs to be shifted to suppliers works for repairs, supplier will have to bear the cost of, spares, software upgradation, transportation, transit insurance (to &amp; fro), etc. of kit for repair at test lab/works. kit after repairs, need to be returned within thirty days from the date of dispatch.</p> <p>All the expenses for maintaining supplied instrument "Healthy and in working condition to be born by Successful bidder during the AMC period of 5 years within the charges of AMC as per LOA.</p>
14.	<b>Training</b>	Supplier shall have to ensure the kit is made user friendly. Apart from the detailed demonstrations at each site, the supplier shall also have to arrange necessary training to POWERGRID Engineers. It will be the responsibility of the supplier to ensure that the testing at any point of time is not held up, for want of "technical know how".
15.	<b>Commissioning , Handing Over of the Instrument</b>	Successful Bidder will have to commission the instrument to the satisfaction of POWERGRID. The instrument failed during the commissioning shall be rejected and no repairs are allowed. The acceptance of the kit shall be subjected to the successful demonstration by supplier to the satisfaction of Power grid at 400KV as well as 765 KV switchyard/sites

16.	<b>Services after Sale</b>	Bidder will have to submit the documentary evidence of having established a mechanism for prompt services as and when required by POWERGRID. Bidders need to submit their organization service chart along with bid
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**C. The Bidder is required to submit a comprehensive price breakdown of the quoted price in accordance with the format specified below. This detailed price breakdown will be incorporated into the Government e-Marketplace (GeM) Letter of Acceptance (LOA) and will be utilized for all post-award activities.**

BOQ for procurement of FDS test Kit under New Navsari project										
Part-A (Supply and commissioning)										
Consignee location	Material description	Unit	Qty	Unit rate (Supply)	Unit rate (Service)	Unit rate (Supply + service)	Total price excluding GST & F&I	GST@ 18%	F&I charges	Total Price including GST & F&I
			A	B	C	D = B + C	E = D*A	F = E* 18%	G	H = E + F + G
RHQ/RTL	FDS test kit	EA	1							
Total Part -A										

Part-B (AMC part after successful completion of warranty period)							
SN	Item description	Unit	Qty	Unit rate	Total price excluding GST	GST 18%	Total price including GST
			A	B	C = A*B	D = C*18 %	E = C + D
1	AMC charges for 1st year	1	LOT				
2	AMC charges for 2nd year	1	LOT				
3	AMC charges for 3rd year	1	LOT				
4	AMC charges for 4th year	1	LOT				
5	AMC charges for 5th year	1	LOT				

				Total Part-B			
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	<b>Total price including GST</b>
<b>Part-A (Supply and commissioning)</b>	
<b>Part-B (AMC part after successful completion of warrantee period)</b>	
<b>Total</b>	

#### **D. Shortlisting Criteria**

Shortlisting Criteria for bidders is attached in "Buyer uploaded ATC document".

#### **E. DEMONSTRATION and PRE-DISPATCH INSPECTION**

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Applicable as per clause 21, 22 & 23 of buyer uploaded ATC document.

#### **F. Engineer In-charge**

The Engineer-in-Charge for the package shall be:

Sr. GM (Dehgam SS)

POWER GRID CORPORATION OF INDIA,

400/220KC SUB-STATION, VASNA-RATHOD ROAD,

NEAR GANESHPURA VILLAGE, DEHGAM, GUJARAT - 382305

The **Engineer-in-Charge** may authorize any of his officers as his representative for the execution of the subject work.

#### **G. Additional terms & conditions supplementing/replacing/deleting GeM GTC clause is attached in ATC under "Buyer uploaded ATC document."**





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2. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

3. **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 %.

4. **Generic**

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

5. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

6. **Generic**

**Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

7. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

8. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

9. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.

vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

#### 10. **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.

#### 11. **Scope of Supply**

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

#### 12. **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.

#### 13. **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.

## **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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

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. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.

16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

[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 कार्यवाई का आधार होगा।

**---Thank You/धन्यवाद---**