

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	29-08-2026 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	29-08-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Health And Family Welfare
विभाग का नाम / Department Name	Department Of Health Research
संगठन का नाम / Organisation Name	Indian Council Of Medical Research (icmr)
कार्यालय का नाम / Office Name	Icmr-rmrims Patna
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id : hod11.rmrims.br@gembuyer.in Buyer Email id: yashpaul.s@icmr.gov.in
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Zeta and Particle Size Analyser (Q3)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	24 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का) / OEM Average Turnover (Last 3 Years)	50 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर पात्रता मानदंड / Turnover eligibility criteria	To be verified by the buyer at the time of technical evaluation
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन /Past Performance	30 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) / ePBG Percentage (%)	3.00
ईपीबीजी की आवश्यक अवधि (माह) / Duration of ePBG required (Months).	12

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

लाभार्थी /Beneficiary :

Director

Icmr-rmrims Patna, Department of Health Research, Indian Council of Medical Research (ICMR), Ministry of Health and Family Welfare
(Director)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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एमएसई के लिए सक्षम प्राधिकारी का विवरण:/Details of the Competent Authority for MSE

सक्षम प्राधिकारी का नाम/Name of Competent Authority	Dr. Krishna Pandey
सक्षम प्राधिकारी का पदनाम/Designation of Competent Authority	Director
सक्षम प्राधिकारी का कार्यालय/विभाग/प्रभाग/Office / Department / Division of Competent Authority	ICMR-RM NIHR
सीए अनुमोदन संख्या/CA Approval Number	Note #62
सक्षम प्राधिकारी अनुमोदन तिथि/Competent Authority Approval Date	30-07-2026
सक्षम प्राधिकारी द्वारा प्रदान की गई स्वीकृति का संक्षिप्त विवरण//Brief Description of the Approval Granted by Competent Authority	As per the end users requirement and TC suggestions the desired specification is not available in the market so CA has approved for exemption of MSE.

Competent Authority Approval for not opting Micro and Small Enterprises Preference : [View Document](#)

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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एमआईआई के लिए सक्षम प्राधिकारी का विवरण:/Details of the Competent Authority for MII

सक्षम प्राधिकारी का नाम/Name of Competent Authority	Dr. Krishna Pandey
सक्षम प्राधिकारी का पदनाम/Designation of Competent Authority	Director

सक्षम प्राधिकारी का कार्यालय/विभाग/प्रभाग/Office / Department / Division of Competent Authority	ICMR-RM NIHR
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सक्षम प्राधिकारी द्वारा प्रदान की गई स्वीकृति का संक्षिप्त विवरण/Brief Description of the Approval Granted by Competent Authority	As per the end users requirement and TC suggestions the desired specification is not available in the market so CA has approved for exemption of MII.

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

1. 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.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC 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.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% 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. 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.

Zeta And Particle Size Analyser (1 pieces)

तकनीकी विशिष्टियाँ /Technical Specifications

[* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
General	Particle Size Distribution and Zeta Potential	Suspensions, Emulsions, Dispersion, Aqueous, Organic, Colloids, Nano particles
	Temperature Control	0 Deg - 90 Deg
	Principle/Technology	Dynamic Light Scattering (DLS), Electrophoretic Light Scattering (ELS), Static Light Scattering (SLS)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Usage	Applications	Particle Size Distribution, Zeta potential, Refractive Index, Molecular Mass, Transmittance, A2, Analysis Software, Sample Module - FM 10, Sample Module - BM 10, Estimated Molecular Weight, Desktop, Printer, UPS, Quartz Cuvettes, Disposable Cuvettes, 21CFR Part 11, PQP, Glass Cuvettes, Low volume quartz cuvettes, Quartz cuvette support plate, Low volume disposable cuvette, Molecular Mass Standard, Univette, Omega cuvettes
Size	Partical Size Range	0.3 nm - 10 microns, Partical Size Standard - 220 nm, Partical Size Standard - 100 nm, Partical Size Standard - 60 nm, Partical Size Standard - 20 nm, Particle Size Standard - 100 nm
	Sample Volume for Particle Size (microl)	12, 50, 650, 1000, 45
	Measurement Duration for Particle Size and Zeta	Automatic, Manual
	Measurement Angles for Particle	3 Angles (15Deg, 90Deg, 175Deg), 3 Angles (17 Deg,90 Deg,173 Deg)
Zeta	pH Range for Zeta	Dosing System with a range of 2 to 12, NA, pH Buffer - 10, pH Buffer - 7, pH Buffer - 4
	Min Sample Volume for Zeta (microl)	50, NA, 650, 100
	Range (+/-) (mV)	> +/- 1000, NA, Zeta Control, > +/- 500
Molecular Mass	Measuring Range	980 Da -20 MDa, NA, Molecular Mass Standard, 1000 to 2×10^7 Da (Debye plot)
Test Reports	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	No

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Sanjeet Sahu	800007,Rajendra Memorial Research Institute of Medical Sciences, Agamkuan	1	60

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

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. **Buyer Added Bid Specific ATC**

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

4. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

A. DLS General specifications:

1. Laser source: 630nm - 660 nm; He-Ne/Solid state laser with a power of 4mW or better.
2. Measurement Type: Particle/ Molecular size, absolute molecular weight & Zeta Potential measurement.
3. Measurement angles: Should have at least two angles with a Back angle: 173° or greater, Forward angle: 10-15 degrees or equivalent to technology
Turbid/Conc.: +50 to 200nm-173° Homogeneous solution: 10 to 200nm -90°
4. Detector: High-resolution photodiode
5. Optics: The optical system shall automatically optimize the effective measurement position and scattering volume within the sample cell based on sample concentration and scattering properties, in order to minimize multiple scattering and maximize signal-to-noise ratio.
6. Laser attenuation: Automatic, transmission 100% to 0.01% or better.
7. Temperature Range: 0°C - 35°C. Stability & Accuracy within +/-0.2°C or better.
8. The analyzer shall allow the measurement of fluorescent samples without impairing overall system sensitivity. Also, it should include polarization filters for DLS (Depolarized Dynamic Light Scattering) measurements.
9. The instrument shall be able to capture & separate steady state as well as transient scattering data to detect aggregates and foreign large particles in the sample.
10. Laser Warm-up time: Less than 10 minutes

B. Particle Size Analysis:

11. Measurement Principle: Dynamic Light Scattering
12. Size range: 0.3nm - 10 microns or better.
13. Minimum sample volume: < 12 microliters or better
14. Minimum sample concentration: 0.1 mg/mL or better
15. Maximum sample concentration: Suitable for dilute to highly concentrated dispersions, depending on particle size and optical properties.
16. System shall be suitable for water, ethanol, methanol, aqueous, DMSO/DMF and other organic solvents.

C. Zeta potential measurements:

17. Measurement technique: Phase analysis, light scattering, or equivalent. Preferably with Fast field reversal & slow field reversal techniques in each run to improve resolution, insensitivity to cell alignment, and reduced sensitivity to cell wall contamination.
18. Constant current Zeta mode should be available for zeta potential measurement of highly saline samples without cell burnout.
19. Should be able to measure samples suspended in organic solvents.
20. Unit shall have the Capability to isolate charged samples from electrodes to

prevent electrode fouling and polarization.

21. Size Range Suitable for measurement (Diameter): 4nm - 100µm

22. Zeta potential range: +/- 200mV or better

23. Mobility range: $\pm(0.1 \text{ to } 10) \times 10^{-8} \text{ m}^2 \text{ V}^{-1} \text{ s}^{-1}$

24. Minimum sample volume: 20 µL or better

25. Minimum sample concentration: 1mg/ml or better

26. Maximum sample concentration: Suitable for dilute to highly concentrated dispersions, depending on particle size and optical properties.

27. Maximum sample conductivity: 20 mS/cm or better

D. Molecular mass measurement:

28. Molecular weight range: 980 Da - 20 MDa

29. Measurement principle: Static Light Scattering using Debye plot.

E. Transmittance:

30. Transmittance estimation for sample quality assessment.

F. Refractive Index:

31. User-input refractive index with optional estimation support.

G. Sample cells/cuvettes:

32. Disposable Cells for Size measurements: 100 Units

33. Reusable Glass/Quartz cuvettes for Size measurements: 2-3 Units

34. Capillary type Zeta potential cuvettes: 20 Units

35. A solvent-resistant reusable cell for the measurement of zeta potential of samples in aqueous and non-aqueous dispersants: 2 Unit

36. Low Volume Cuvette Quartz: 2 Pcs.

H. Software

37. Specialised software packages that support DLS and ELS (Zeta potential) spectral analysis.

38. Software should provide data quality feedback on any size data quality issues, with clear advice on how to improve results.

39. PC: A Suitable branded PC with the following minimum configuration should be supplied: an i7 processor, 8 GB RAM, 1TB SSD, and the Latest version of Windows OS.

40. UPS: 2KVA. A suitable UPS should be provided.

I. Warranty

Three-year warranty

Terms and Condition:

The offered DLS system must strictly comply with all technical specifications mentioned in document.

► Any deviation from the specified requirements must be clearly indicated in a Compliance/Deviation Statement.

► Failure to submit such a statement may result in the bid being rejected.

► During the technical evaluation, bidders may be required to provide an on-site demonstration of DLS system, if deemed necessary by the institute, at no additional cost.

► No essential accessory required for standard operation, measurement, or performance testing of system shall be quoted as optional at the time of bidding.

The DLS/ELS (Zeta Potential) software must be supplied with a perpetual (non-subscription) license with upgrade support for a minimum period of ten (10) years from the date of installation.

In case a subscription-based license is offered, the bidder must provide a fully upgradable license valid for ten (10) years at no additional cost.

Complete installation, commissioning, and on-site user training shall be carried out free of cost.

Training shall include hands-on operation, routine maintenance, data analysis, and application-specific demonstrations relevant to particle size analysis, zeta potential, molecular weight measurements, and applications in materials, polymers, nano-materials, pharmaceuticals, and chemical analysis.

The system must be covered by a comprehensive on-site warranty of a minimum of three (3) years for hardware, including all parts and labour.

Software support and upgrades must be provided for a minimum period of ten (10) years.

The warranty shall include preventive maintenance visits and breakdown support.

The maximum response time for attending service calls shall not exceed twelve (12) working days from the date of lodging the complaint. +

The bidder must submit an undertaking confirming the availability of service support, consumables, and spares for at least ten (10) years after installation of the system.

The instrument shall be subjected to acceptance testing after installation to verify all specified performance parameters, including particle size, zeta potential, molecular weight, refractive index, and transmittance.

Successful demonstration of performance is mandatory for final acceptance of the system.

The supplier shall provide the following documents at the time of installation:

- o User manuals and service manuals (hard copy and soft copy)

- o Calibration certificates

- o Installation and training completion report

Payment shall be released in accordance with institutional / government norms upon successful installation, commissioning, and acceptance of the DLS system.

Kindly upload GFR144xi compliance certificate as per order F.No.6/18/2019-PPD dated 23-July-2020 from DoE, Ministry of Finance, PPD, Government of India, in firm's letterhead, duly signed by authorized signatory. (Format given the Buyer uploaded ATC document').

Kindly upload Bid Security Declaration (in-lieu of EMD) in firm's letterhead, duly signed by a authorized signatory. (Format given in the "Buyer uploaded ATC document").

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.

11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. 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 catalogues 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. 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 shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (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. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

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।/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.

---धन्यवाद/Thank You---
