

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	17-11-2025 13:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	17-11-2025 13:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Gujarat
विभाग का नाम / Department Name	Education
संगठन का नाम / Organisation Name	M R D Arts And E E L K Commerce College Chikhli
कार्यालय का नाम / Office Name	M R Desai Arts And E E L K Commerce College
कुल मात्रा / Total Quantity	3
वस्तु श्रेणी / Item Category	Solar Power Plant (Roof Top) for ONGRID System, Single Phase (Q3)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	4 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का) / OEM Average Turnover (Last 3 Years)	28 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years of Experience and Turnover	No
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

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों 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?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
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	80 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
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

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	30000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	0.01

ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).

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(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज 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।/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.

(b). 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 :

PRINCIPAL

M R DESAI ARTS AND E E L K COMMERCE COLLEGE, EDUCATION, M R D Arts and E E L K Commerce College Chikhli,
(Patel Mukeshbhai Dahyabhai)

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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एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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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. 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.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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.

6. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Solar Power Plant (Roof Top) For ONGRID System, Single Phase (3 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)
GENERIC	A Grid Tied Photo Voltaic (SPV) power plant consists of	SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls and Protections, interconnect cables and switches
	PV Array Mounting	Mounted on a suitable structure
	Grid tied SPV system is	Without battery and designed with necessary features to supplement the grid power during day time.
	Installation and testing for complete system	Yes including Civil Work, Designing, Fabrication, Cabling Work with suitable Bolts, Nuts, Clamps, Connectors and testing etc.,
INVERTER	Rated out put power of inverter (Kw)	1, 1.5, 2, 3, 4, 5, 6, 8
	Switching device	IGBT, MOSFET
	No. of Phase (in Nos.)	1
	Inverter output wave form	Pure sine wave
	No.of MPPT per inverter (in Nos.)	1, 2, 4
	No. of string at input side of inverter (input port +ve and -ve) (hint: 1 sets contains 1 +ve and 1 -ve port)	1 set, 2 set, 3 set, 4 set
	Maximum power point tracker	Integrated in the PCU/inverter to maximize energy drawn from the array

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Operating Voltage Range of Inverter	50 V to 500 V, 80 to 500 V, 100 V to 500 V, 160 V to 850 V, 200 V to 800 V, 200 V to 1000 V, 90 V to 520 V
	Over load support at Input side, DC	15% of Maximum Input Voltage
	Maximum input current for each MPPT (in A)	11, 18, 22, 28.5
	Service condition	Indoor, Outdoor
	Ingress protection rating of inverter	IP 65 (for outdoor use), IP 23 (for indoor use), IP 20 (for indoor use)
	Cooling medium for inverter	Nature air cooled, Constant speed Fan Cooled, Intelligent fan cooling
	Manual switch for disconnecting DC supply	Yes, No
	Inverter mounting type	Wall Mounted, Floor Mounted
INVERTER OUT PUT	Maximum current for single phase inverter (in A)	5.2, 8.1, 10.5, 15.7, 21, 25
	Output voltage (in V)	240 V
	Invert auto trip at output side	Lower : at 160 V, Higher : at 285 V with adjustable
	Overall Efficiency (in %)	>90, >93, >96, >98
PROTECTION FOR INVERTER	Overlod protection	110% for 1 Minute,, 125% for 30 sec.,, 150% for 5 sec.
	Over temperature protection	Yes at 65 Deg. C Cooling Fan will auto switch ON, Yes at 65 Deg. C shutdown
	Surge protection	Metal Oxide Varistor (MOV)
	Insulation Resistance Monitoring	Yes, No
	Grid Monitoring protection	Yes, No
	Power factor at rated out put power	0.8, 0.9
	Inverter body material	Aluminium Casting, M.S. Plate
SERVICE CONDITION	Operating temperature	-25 to +60 deg. C, -20 to +50 deg. C
DISPLAY FEATURES ON INVERTER	Type of display	LCD, LED
	Display parameters	DC Voltage, DC Current, AC Voltage, AC Current, Out put frequency, Power Factor
	Generating power Data storage facility	Yes for 2 Years from the date of commissioning
	Interface facility for transmitting the generating power data for cloud storage	Inbuilt Wifi Enabled, With Wifi Dongle, With GPRS Dongle without SIM card, With RS485

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Net meter	Approved by Government of India/State Government authority concerned for connecting to Grid
Add on items - DC DISTRIBUTION BOARD	DC Distribution panel to receive the DC output from the array field	Yes with surge arrestors
	Ingress protection (Enclosure protection) of DC Distribution Box	IP65
	Material of bus bar and size	Copper, size as per inverter rating
	Circuit Breaker for input side (DC side) for each inverter	MCB 10 A, MCB 15 A
Add on items - CABLE FOR INPUT	ISI Marked Connecting cables according to Inverter rating for each system	PV Module to Inverter DC
	Electric Cable for Input	1C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	Cable Length for PV Module to Inverter, DC (in m)	5, 10, 15, 20, 25
Add on items - AC DISTRIBUTION BOARD	AC Distribution Panel Board (DPB) for controlling the AC power from PCU/inverter	1 Phase 230 Volt +/- 10%, 50 HZ +/-3%
	Panel construction	Metal clad, totally enclosed, floor mounted, air insulated, cubical type with change over switch
	Ingress protection (Enclosure protection) of AC Distribution Box	IP54 for Indoor, IP65 for outdoor
	All switches and the circuit breakers, connectors should conform to	IS:60947 part I, II and III
	Panels designed for minimum expected ambient temperature	45 deg. C
	Circuit Breaker for output side (AC side) for each inverter	MCB 10 A, MCB 16 A, MCB 20 A, MCB 25 A, MCB 32 A, MCB 40 A, MCB 63 A, MCB 100 A
Add on items - CABLE FOR OUTPUT	ISI Marked Connecting cables according to Inverter rating for each system.	From Inverter to Net Meter, From Inverter to Net Meter and to mains at LT Bus bar while in grid tied mode
	Conformity of the specification for cable	2C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 10 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 16 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	Cable length for output side (from inverter to Net Meter for each system) (in m)	5, 10, 15, 20, 25, 30, 35, 40

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Other Add on Items	Cabling work at input side for each system	With PVC Conduit pipe with necessary clamps and screws
	Cabling work at Output side for each system	With Cable Tray with fitment accessories
	Danger boards and signages	1 No., 2 No., 3 No.
ARRAY STRUCTURE	Material of mounting structure	Structural Steel, Grade: E300 (as per IS:2062:2011 latest), Structural Steel, Grade: E350 (as per IS:2062:2011 latest), Structural Steel, Grade: E410 (as per IS:2062:2011 latest)
JUNCTION BOX	Material of Junction Box	GRP(Glass reinforced plastic), FRP (Fibre reinforced plastics), Powder Coated Aluminium, cast aluminium alloy
WIND LOAD	The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed	Yes
	Compliance to wind velocity test for the Mounting structure of PV System	as per IS 875:1987 part 3 latest
	Regional wind withstand capacity which the Mounting structure of PV system support is suitable to withstand (in Km/Hour)	180
WARRANTY & GUARANTEE	Minimum guarantee for maintaing of out put peak watt capacity	> / = 90% at the end of 10 years and >/= 80% at the end of 25 years

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	Patel Mukeshbhai Dahyabhai	396521,Vansada Road, At. Po. Khundh, Tal. Chikhli, Dist. Navsari	3	90

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

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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

3. **Certificates**

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

4. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

5. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

6. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. Bidder/OEM to submit documents of work order executed by them for last 3. years and a Satisfactory Execution/Performance Certificate from the end user (of similar size and nature in Govt, Semi Govt, Corporate, Educational Institutes).

2. Bidders/ OEM to have successfully executed installations of 3 nos. of Roof Top Solar Power Plant of 20KW Capacity or Higher and at least 1 Roof Top of 50 KW Capacity in last 1 Years.

3.Documentary evidence from OEM in support of MNRE certification requirements.

4. Bidder to submit the GST Number and Pan Card Details.

5. Documentary evidence from the participating bidder/OEM to prove that the bidding firm is in business of Grid Connected Solar Roof Top System since last 5 Years is to be submitted PO from Govt Institutes / Reputed Organizations to be submitted.

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

7. The OEM must have a minimum annual turnover of 4 Crore, and the bidder must have a minimum annual turnover of 1 Crore, as per the bid clause for turnover.

8. Product Sample Submission The OEM must submit a sample of each proposed product for evaluation and obtain a visit certificate from the organization upon successful inspection. The certificate must be obtained by 11 November, 2025 before 02:00 PM.

9. Buyer has all rights to reject any parties, without giving prior information to any parties or without mentioning any reason.

8. Buyer Added Bid Specific ATC

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

अस्वीकरण/Disclaimer

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.

[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 कार्रवाई 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---