



सौभाग्य

प्रधानमंत्री सहज बिजली हर घर योजना



एक कदम स्वच्छता की ओर

NIT No: RECPDCL/PMS/19-20/2304

Dated: 26.08.2019

Notice Inviting Tender

(Tender invited through e-Tendering mode only)

For

Supply of Weather Data Services and Forecasts for the State of Haryana

REC Power Distribution Company Limited (RECPDCL)

(A wholly owned subsidiary of REC Ltd., a 'Navratna CPSE' Under Ministry of Power, Govt. of India)

CIN no. of RECPDCL: U40101DL2007GOI165779

Corporate office

4th Floor, KRIBHCO Bhawan,
A-10 Sector-1, Noida, Uttar Pradesh-201301,
Telephone: (0120) 4383783
Fax: 0120-4383768
Website: www.recpdcl.in

Description of task, e-tender submission format and procedure is provided in the tender document available on RECPDCL website (www.recpdcl.in), REC website (www.recindia.nic.in), e-tendering website (www.tenderwizard.com/REC), Central Public Procurement Portal www.eprocure.gov.in

Important Dates for E- Tendering mode

Date of Release of NIT	26.08.2019
Last date for queries/ seeking clarifications	30.08.2019
Pre Bid Meeting	30.08.2019
Last date of submission of Tender	11.09.2019
Date of Opening of Technical bid	11.09.2019
Date of Opening of Financial bid	To be intimated later

Note: Online registration has to be done at e-tendering website i.e. www.tenderwizard.com/REC in general, activation of registration may take about maximum 24 hours subject to the submission of all requisite documents required in the process.

-Sd-

(Bhupendra Gupta)
Addl. C.E.O.

[This document is meant for the purpose of engaging of Agencies against this tender and should not be transferred, reproduced or otherwise used for purposes other than specified/issued.]

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SECTION-I
TENDER INFORMATION

Name of the assignment: **Supply of Weather Data Services and Forecasts for the state of Haryana**

Important information

Sl. No.	Event	Information to the agencies	
1	Date of Release of NIT	26.08.2019	
2	Last date for queries / seeking clarification	30.08.2019 at 1500 Hours	
3	Pre Bid Meeting	30.08.2019 at 1600 Hours	
4	Last date of submission of Tender	11.09.2019 at 1230 Hours	
5	Date of Opening of Technical bid	11.09.2019 at 1300 Hours	
6	Date of Opening of Financial bid	To be intimated later	
7	Pre- Bid Meeting Address	REC Power Distribution Company Limited, 4 th Floor, KRIBHCO Bhawan, A-10 Sector-1, Noida, Uttar Pradesh-201301, Telephone: (0120) 4383783 Fax: 0120-4383768	
8	Tender Document	The details can be downloaded free of cost from the websites www.recpdcl.in (or) www.recindia.com (or) www.eprocure.gov.in (or) www.tenderwizard.com/REC	
9	EMD #	Rs 25,000/-	
10	Validity of Bid	180 days from the last date of bid submission	
11	Address for Bid submission	Shri. Bhupendra Gupta, Addl. C. E. O. REC Power Distribution Company Limited, 4 th Floor, KRIBHCO Bhawan, A-10 Sector-1, Noida, Uttar Pradesh-201301, Telephone: (0120) 4383783 Fax: 0120-4383768	
12	Contact Person	Shri. Dheeraj Anand, Manager (Technical) REC Power Distribution Company Limited (RECPDCL) Phone:0120-4383775 Email-co@recpdcl.in dheeraj.anand@recpdcl.in	Shri. Rahul Gupta, Assistant Manager (Technical) REC Power Distribution Company Limited (RECPDCL) Phone:0120-4383767 Email-co@recpdcl.in rahul.gupta@recpdcl.in

SECTION-II

PREFACE

M/s REC Power Distribution Company Limited (RECPDCL) is providing Load forecasting services through implementation of a Power Management Solution Software to Haryana DISCOMs.

The Scope of Services of Load Forecasting includes Models for Intra-Day, Day-Ahead and Medium Term for the state of Haryana, which has been implemented using the software. Electrical load for an area is highly correlated to weather parameters, like temperature, humidity, wind speed, rainfall, etc., prevailing in the area.

As per the requirement of the procedure of Scheduling and Load Dispatch in India, short-term load forecasts (hourly and day ahead) are to be prepared with a granularity of 15 minutes. Thus load is to be forecasted for 96 consecutive time blocks in a day, each corresponding to average load in the 15 minute time block period.

As such weather forecasts are required for 96 time blocks in a day corresponding to average values in each consecutive 15 minute period. The brief scope of this tender is as follows:

1. Day ahead Weather Forecast for upto seven parameters affecting comfort index at fifteen (15) minute interval.
2. 24 hr ahead Rolling Weather Forecast for upto seven parameters affecting comfort index at fifteen (15) minute interval.
3. Real-Time Actual Weather data for upto seven parameters affecting comfort index at fifteen (15) minute interval.
4. Provide Bad weather report and early warning which would including Rainfall, Thunderstorms and Fog.
5. Forecasts are to be provided for a period of 09 months, starting date will be intimated post award of contract.

This RFP is being floated to appoint vendor for supply of the weather data services and forecasts for the state of Haryana.

SECTION-III

Instructions to Bidders

3.1 Submission of Bid

Agency shall submit their responses online through e-tendering website www.tenderwizard.com/REC

A. The submission and opening of Bids will be through e-tendering process.

Agency can download Bid document from the RECPDCL web site i.e. <http://www.recpdcl.in> or www.recindia.com or eprocure.gov.in and e-tendering regd. link is given in RECPDCL website i.e. www.tenderwizard.com/REC

(Note: To participate in the e-Bid submission, it is mandatory for agency to have user ID & Password. For this purpose, the agency has to register them self with REC PDCL through tender Wizard Website given below. Please also note that the agency has to obtain digital signature token for applying in the Bid. In this connection vendor may also obtain the same from tender Wizard.)

Steps for Registration

- (i) Go to website <http://www.tenderwizard.com/REC>
- (ii) Click the link 'Register Me'
- (iii) Enter the details about the E-tendering as per format
- (iv) Click 'Create Profile'
- (v) E-tender will get confirmation with Login ID and Password

Note- Online registration shall be done on e-tendering website i.e. www.tenderwizard.com/REC & in general, activation of registration may takes 24 hours subject to the submission of all requisite documents required in the process. It is sole responsibility of the bidder to register in advance.

B. Steps for application for Digital Signature from Bid Wizard:

Download the Application Form from the website <http://www.tenderwizard.com/REC> free of cost. Follow the instructions as provided therein. In case of any assistance you may contact RECPDCL officers whose address is given at the Bid.

Bid to be submitted through online mode on website www.tenderwizard.com/REC in the prescribed form.

C. The Agency qualifying the criteria mention in section VI should upload Bid document with duly signed scanned soft copy of the documents given below for the prequalifying response:

Pre- Qualifying Criterion Documents/Technical Bid

1. Form-I -----Letter of submission of Tender
2. Form-II -----Pre-Qualifying Criteria Detail
3. Form IV -----No deviation clause
4. Annexure A ----- Bid Bank Guarantee (Earnest Money) Format
5. Annexure B ----- Performance Bank Guarantee (PBG) Format
6. Annexure C -----Letter of Transmittal
7. Annexure D ----- ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT
8. Annexure E ----- Bidders Location Format
9. Annexure-F ----- Undertaking towards not being Black-Listed
10. **Earnest Money Deposit (EMD)** amounting to Rs. 25000/- (Rupees Twenty Five Thousand only) has to be deposited in the form of Demand Draft (DD) in favour of 'REC Power Distribution Company Ltd.' payable at New Delhi (or) in the form of Bank Guarantee (Bid Bank Guarantee) from a scheduled bank as per format **Annexure-A**. Scanned copy of DD or BG has to be uploaded and **original of DD or BG has to be submitted before last date & time of submission of bid**. Exemption for payment of EMD amount will be given to Micro, Small & Medium Enterprises (MSMEs) registered with National Small Industries Corporation Ltd. (NSIC). However, relevant valid document/ Certificate from NSIC or Ministry of MSMEs, Govt. of India is required to be submitted without which bidders are not entitled for exemption.

Financial Bid

1. Form-III-----Financial Proposal (to be submitted through online mode)

Financial bid to be submitted in the specific format designed same may be downloaded from website www.tenderwizard.com/REC and after filling the form it is to be uploaded through digital signature.

The all document should be addressed to.

Add. Chief Executive Officer REC Power Distribution Company Ltd. 4th Floor KRIBHCO Bhawan, A-10, Sector-1, Noida, Uttar Pradesh-201301

(Note: All papers that comprise the Bid document of the concerned Bid must be numbered. An index of each page should also be provided)

**SECTION-IV
SCOPE OF WORK & SERVICE LEVEL AGREEMENT**

1. Detailed Scope of Work

SL.NO.	REQUIREMENT
1	Day-Ahead Weather Forecast
1.1.	The parameters required are
(a)	Temperature
(b)	Relative Humidity
(c)	Wind Speed
(d)	Wind Direction
(e)	Rainfall
(f)	Cloud Coverage
(g)	Feels like temperature
1.2.	The data should come in 15 minute blocks, i.e. 96 data points for a day.
1.3.	The data should be provided no later than 06:00 hrs on current day for the next day
1.4.	Data to provide in Excel/CSV format.
1.5.	Data has to be provided for upto 18 locations in the state of Haryana, covering major load centers. Locations are given in section 5 of the scope below.
1.6.	The variance report has to be provided after end of the day i.e., on next day by 10:00 Hrs. The format for this report shall be shared post award of contract (Actual Vs Forecasted)
2	24 hr Ahead Rolling Forecast
2.1.	The parameters required are
(a)	Temperature
(b)	Relative Humidity
(c)	Wind Speed
(d)	Wind Direction
(e)	Rainfall
(f)	Cloud Coverage
(g)	Feels like temperature
2.2.	The data should come in 15 minute blocks, i.e. 96 data points for a day.
2.3.	Data has to be provided for upto 18 locations in the state of Haryana, covering major load centers. Locations are given in section 5 of the scope below.
2.4.	The data is to be provided through http/ftp/sftp protocol or web-services to enable automated fetching of the data apart from e-mail.
2.5.	The data should be revised/updated at least at 8 hr interval for the next 24 hrs.
3	Actual Weather Data
3.1.	The parameters required are
(a)	Temperature
(b)	Relative Humidity
(c)	Wind Speed
(d)	Wind Direction
(e)	Rainfall
(f)	Cloud Coverage
(g)	Feels like temperature
3.2.	The data should come in 15 minute blocks, i.e. 96 data points for a day.

3.3.	Data has to be provided for upto 18 locations in the state of Haryana, covering major load centers. Locations are given in section 5 of the scope below.
3.4.	The data is to be provided through http/ftp/sftp protocol or web-services to enable automated fetching of the data apart from e-mail. Apart from that, the data for last 24 hours is also to be sent along with the 24 hrs ahead rolling forecast.
3.5.	Data for current 15 minute block should be updated no later than the end of the next 15 minute block`.
4	Bad Weather Early Warning
4.1.	In case of high probability of rainfall, storms, high wind or dense fog in the near future, a warning message is to be sent to utility control room.
4.2.	Message is to be sent by email and/or sms. Details of email IDs and phone numbers will be provided post award of contract.
4.3	Daily report of adverse weather conditions.
5	Locations
(a)	Hisar
(b)	Bhiwani
(c)	Sirsa
(d)	Jind
(e)	Panipat
(f)	Sonipat
(g)	Rohtak
(h)	Jhajjar
(i)	Ambala
(j)	Kurushetra
(k)	Kaithal
(l)	Yamunanagar
(m)	Kar nal
(n)	Palwal
(o)	Gurgaon
(p)	Faridabad
(q)	Narnaul
(r)	Rewari

2. Timelines

1. Date of start of period for providing forecasts and real-time data will be communicated post after award of contract.
2. The engagement of agency for Providing Weather Data for 18 locations and day-ahead weather forecasts, actual weather, 24-hr rolling weather forecasts and bad-weather alerts for upto 18 locations, in the state of Haryana for a period of 09 months. After completion of 09 months RECPDCL will review the performance of services provided and based on its satisfactory operation RECPDCL may renew the contract upto next 09 months on same rate, terms & conditions.

3. Payment Criteria

1. Payment shall be paid in 09 equal parts on a monthly basis post-delivery of Day-Ahead Forecast, 24-hour ahead forecasts, real-time actual data for the month post verification of accuracy of the forecasts by RECPDCL Nodal Officer. Separate monthly invoices are to be raised by the bidder.

4. Service Level Agreement (SLA)

The desired accuracy levels of the weather forecasts to be provided are.

SL. NO.	PARAMETER	Desired Accuracy level
1	Temperature Variation	
1.1	For Day ahead forecasts	Within +/- 2 degree Celsius of 90% of the forecasted slots.
1.2.	For 24 hr Rolling Forecasts	Within +/- 1.5 degree Celsius of 90% of the forecasted slots and value. Forecast made at least 3hrs prior to time block will be considered.
2	Humidity Variation	
2.1	For Day ahead forecasts	Within +/-20 RH for 90% of the forecasted value.
2.2.	For 24 hr Rolling Forecasts	Within +/-15 RH for 90% of the forecasted value. Forecast made at least 3 hrs prior to time block will be considered.
3	Rainfall Accuracy	
3.1	For Day ahead forecasts	Each day is divided into 4 blocks – (a) 00:00 hrs to 09:00 hrs, (b) 09:00 to 15:00 hrs, (c) 15:00 to 20:00 hrs & (d) 20:00 to 24:00 hrs. If any rainfall was predicted in a block but no rain occurred, it shall be considered as one violation. If no rain was predicted in a block, but rainfall occurred, it shall be considered as one violation.
3.2	For 24 hr Rolling Forecasts	24 hr rolling forecast is to be provided at least 3 times a day. Each day is divided into 4 blocks – (a) 00:00 hrs to 09:00 hrs, (b) 09:00 to 15:00 hrs, (c) 15:00 to 20:00 hrs & (d) 20:00 to 24:00 hrs. If any rainfall was predicted in a block but no rain occurred, it shall be considered as one violation. If no rain was predicted in a block, but rainfall occurred, it shall be considered as one violation.
4	Strong Wind Accuracy	
4.1	For Day ahead forecasts	Each day is divided into Each day is divided into 4 blocks – (a) 00:00 hrs to 09:00 hrs, (b) 09:00 to 15:00 hrs, (c) 15:00 to 20:00 hrs & (d) 20:00 to 24:00 hrs. If any instance of Strong wind (>10 m/s) was predicted in a block but no Strong wind occurred, it shall be considered as one violation. If no Strong wind was predicted in a block, but Strong wind was observed, it shall be considered as one violation.
4.2	For 24 hr Rolling Forecasts	24 hr rolling forecast is to be provided at least 3 times a day. Each day is divided into 4 blocks – (a) 00:00 hrs to 09:00 hrs, (b) 09:00 to 15:00 hrs, (c) 15:00 to 20:00 hrs & (d) 20:00 to 24:00 hrs. If any instance of Strong wind (>10 m/s) was predicted in a block but no Strong wind occurred, it shall be considered as one violation. If no Strong wind was predicted in a block, but Strong wind was observed, it shall be considered as one violation.

PAYMENTS AND DEDUCTIONS

If the data provider fails to achieve the accuracy mentioned in point 1 and 2, payment shall be done on pro-rata basis., calculation shall be done as below:

(A) Penalty table for Temperature and Humidity.

Range of slots	Day Ahead Temperature>>±2C	Day Ahead Humidity>±20RH	Rolling Temperature>±1.5C	Rolling Humidity>±15RH
0-10%	No Penalty	No Penalty	No Penalty	No Penalty
10-20%	2.5%	1.25%	2.5%	1.25%
20-30%	7.5%	2.5%	7.5%	2.5%
30-50%	12.5%	5%	12.5%	5%
50%+	25%	10%	25%	10%

(B) Additional Deduction:

1. For each violation in prediction of wind or rainfall in the day ahead forecast or 24 hrs rolling forecast, 1% deduction will be done from the invoice amount.
2. For violation in prediction of wind or rainfall in the day ahead forecast which was corrected in the 24 hr rolling forecast, 0.5% deduction will be done from the invoice amount.
3. There will be no double counting of violations.
 - i. If both rainfall and strong wind violation occur in the same block, it will be considered as 1 violation.
 - ii. If there is violation in both day ahead and 24 hr rolling forecasts, it will be considered as 1 violation.

(C) Actual maximum and minimum temperature provided by bidder will be compared to daily data released by IMD (Indian Metrological Department) for the following locations.

- i. Hisar
- ii. Bhiwani
- iii. Sirsa
- iv. Rohtak
- v. Ambala
- vi. Kurushetra
- vii. Karnal
- viii. Gurgaon
- ix. Faridabad
- x. Narnaul

If maximum and/or minimum temperature is more than ±2 °C, there will be a penalty of 1% for each such instance in the monthly invoice.

Maximum deduction is capped at 100%.

Incentive:- A monthly incentive of 20% of invoice amount will be awarded to the bidder on achieving the following targets.

Months	Percentage of clots where Day Ahead forecasted temperature is within ±1°C of actual temperature.
November – February	75% or more
March – October	65% or more

**The above incentive is subject to achievement of zero penalty in variation of maximum/minimum actual temperature with IMD reference data in the month.*

***RECPDCL shall generate SLA report within 30 days of completion of month eligible for incentive. Accordingly bidder shall raise separate invoice for claiming the incentive amount with next monthly invoice.*

SECTION-V

GENERAL CONDITIONS OF TENDER

1. The bidder must fulfil the above eligibility criteria/pre-qualifying conditions for evaluation of their bids. Bids of bidders fulfilling the above eligibility/pre-qualifying conditions will only be evaluated by the duly constituted evaluation committee. Bids of the bidders not fulfilling the eligibility/pre-qualifying conditions given above may be summarily rejected. Undertaking for subsequent submission of any of the above documents will not be entertained under any circumstances.
2. RECPDCL reserves the right to conduct the reverse auction (if required) for the services being asked in the tender. The terms and conditions for such reverse auction event shall be as per the Acceptance Form attached at **Annexure-E** of the tender document. The bidders shall mandatorily submit a duly signed copy of the Acceptance Form along with the tender document as a token of acceptance. In case of denial for participation, bidder shall not be entitled for any kind of claim.
3. RECPDCL reserve its right to call for price negotiation with bidder if deemed fit and also its right to accept any bid with relaxations as it may deem fit and/or to reject any or all the bids or to award other than lowest without assigning any reasons whatsoever and no correspondence whatsoever in this regard shall be entertained by the Company. Further, RECPDCL will also not be responsible for any loss whatsoever sustained by the bidder in this regard.
4. Engagement with RECPDCL does not confer any right to the agencies to be invited for participating in any bids, tender etc. floated by RECPDCL of similar nature. RECPDCL reserves the right to call bids/assign work/associate the agency/agencies in any area as may be deemed fit by RECPDCL depending upon the profile provided by the agencies and requirement of assignment.
5. RECPDCL reserves the right to accept or reject any or all requests for engagement without assigning any reason or to accept in parts and engage more than one agency at its sole discretion.
6. Acceptance of the application(s) constitutes no form of commitment on the part of RECPDCL. Furthermore, this acceptance of the application confers neither the right nor an expectation on any application to participate in the proposed project.
7. RECPDCL reserve the right to waive off any shortfalls; accept the whole, accept part of or reject any or all responses to the Tender.
8. RECPDCL reserve the right to call for fresh tenders at any stage and /or time as per the present and /or envisaged RECPDCL requirements even if the tender is in evaluation stage or in any stage.
9. RECPDCL reserve the right to modify, expand, restrict, scrap, re-float the tender without assigning any reason for the same.
10. The responder shall bear all costs associated with the preparation and submission of its response, and RECPDCL will in no case be responsible or liable for these costs, regardless of the conduct or the outcome of the tender process.
11. Consortium/ Joint Venture Firm are not allowed to participate in this tender.
12. RECPDCL reserves the right to withdraw the work & get it completed at the risk & cost of the agency, if performance of the agency is unsatisfactory, to whom work has been awarded. Further, the said agency may be black-listed for a period of one year or more for participating in any of the bids invited by RECPDCL.

Also, RECPDCL would be free to intimate such black-listing to various state/central utilities/ Ministry of Power/State Governments/ Other agencies not to consider the said agency for any assignment including of the same on websites.

- 13.EMDs received late due to any reason including postal delay will not be considered.
- 14.Bidder's quoted rates should be firm and fixed. No price variation and escalation will be allowed.
- 15.Bids must be submitted in English language only.
- 16.Incomplete, telegraphic or conditional tenders are not accepted.
- 17.Canvassing in any manner is strictly prohibited. The same will lead to rejection of the submitted bid.
- 18.The Bids with validity of less than 180 days from the last date of bid submission shall not be considered. The validity of the bid will be extended by bidder as per the requirement of RECPDCL.
- 19.Any or all bids may be rejected or accepted partially or fully without assigning any reason thereof at sole discretion of RECPDCL.
- 20.Bidders are requested to watch out RECPDCL website for change of events/additional information from time to time.
- 21.RECPDCL reserves the right to counter check any of the supporting documents directly from the respective client for their authenticity.
- 22.In case of default in services or denial of services, RECPDCL, at its sole discretion, will be free to avail services of other service providers at your "Risk & Cost".
- 23.Bidders are advised to refrain from taking any deviations on this TENDER. Still in case of any deviations, all such deviations from this tender document shall be set out by the Bidders, Clause by Clause in the format as mentioned in Form IV and submit the same as a part of the Technical Bid. Please note that in case of deviations to the tender terms, bids may be liable for rejection

SECTION-VI

COMMERCIAL TERMS, CONDITIONS & OTHER PROVISION

1 Earnest Money Deposit (EMD):

1. The Bidder shall furnish Earnest Money Deposit in original @ Rs. 25,000 (Rupees Twenty Five Thousand only) in the form of Demand Draft/ Bank Guarantee (BG) from a scheduled bank (as per Annexure-III) drawn in favour of REC Power Distribution Company Ltd.' payable at New Delhi.
2. In case of inadequacy or non-submission of EMD amount, the tender shall be deemed to be disqualified and summarily rejected in the technical evaluation.
3. The initial validity of EMD shall be for a period of 180 days from the last date of bid submission. The validity of EMD shall have to be suitably extended, if necessary, on request by RECPDCL, without which the tender /work order shall be rejected.
4. Request for adjustment of Earnest Money Deposit against any previous dues with RECPDCL will not be considered.
5. EMD will be refunded to the unsuccessful bidders within 30 days after finalization of the tender without any interest.
6. EMD of successful bidder will be returned after acceptance of work order and submission of required Performance Bank Guarantee (PBG) within 30 days from the date of LOA.
7. Exemption for payment of EMD amount will be given to Micro, Small & Medium Enterprises (MSMEs) registered with National Small Industries Corporation Ltd. (NSIC). However, relevant valid document / Certificate from NSIC or Ministry of MSMEs need to be submitted without which bidders are not entitled for any kind of exemption.
8. The EMD shall be forfeited without prejudice to the Bidder being liable for any further consequential loss or damage incurred to RECPDCL under following circumstances:
 - a. Hundred percent (100%) of EMD amount, if a Bidder withdraws/revokes or cancels or unilaterally varies his bid in any manner during the period of Bid Validity specified in the tender document.
 - b. Hundred percent (100%) of EMD amount, if the Successful Bidder fails to unconditionally accept the LOA within 07 days from the date of issue of LOA.
 - c. Hundred percent (100%) of EMD amount, if the Successful Bidder fails to furnish the Performance Bank Guarantee as specified in the tender document.

2 Performance Bank Guarantee:

- a. The agency need to deposit within fifteen (15) working days from the date of issuance of work order, a Performance Security in the form of Bank Guarantee or Demand Draft (DD), for an amount of 10% (Ten per cent) of the contract value for the due performance and fulfillment of the contract by your firm which should be valid for 19 months in the format placed at Annexure – B.
- b. The Performance Bank Guarantee may be drawn from a scheduled commercial bank in favour of The "REC Power Distribution Company Ltd", New Delhi.
- c. The Performance Bank Guarantee may be discharged/ returned by the RECPDCL after the completion of the contract upon being satisfied for the performance of the obligations of your firm under the contract.
- d. Failing to comply with the above requirement, or failure to enter into contract within 30 days or within such other extended period, as may be decided by the CEO, RECPDCL shall constitute sufficient grounds, among others, if any, for the annulment of the award of the tender.

- e. In the event the firm being unable to provide the services, during the engagement period as per the contract for whatever reason, the Performance Bank Guarantee would be invoked by RECPDCL.
- f. No Bank Charges/ interest shall be payable for the Performance Bank Guarantee.

3. Rates and Prices

- a. Bidders should quote item-wise rates/ prices including all taxes and duties as mentioned in Form-III by explicitly mentioning the breakup of basic prices and applicable taxes.
- b. Rate quoted by the bidder, once finalized and accepted by RECPDCL, shall remain firm & fixed and shall be binding on the Successful Bidder till completion of project. No escalation will be granted on any reason whatsoever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons whatsoever.
- c. Price quoted shall be firm and any variation in rates, prices or terms during validity of the offer shall lead to forfeiture of the EMD of said bidder.
- d. If it is found that the tax quoted is higher than the applicable tax, in that case applicable taxes will only be paid by RECPDCL and if the tax quoted is lower than the applicable tax, in that case only the quoted taxes will be paid by the RECPDCL.
- e. In case of introduction of new taxation policy etc., such taxes will be payable as per prevailing laws of Govt. of India & state govt.

4. Governing Law and Disputes

- I. Disputes under the agreement shall be settled by mutual discussion.
- II. However, in the event amicable resolution or settlement is not reached between the parties, the differences of disputes shall be referred to and settled by the Sole Arbitrator to be appointed by Chairman, RECPDCL.
- III. The arbitration proceedings shall be in accordance with the prevailing Arbitration and Conciliation Act, 1996 and Laws of India as amended or enacted from time to time.
- IV. The venue of the arbitration shall be New Delhi, India.
- V. The fee & other charges of Arbitrator shall be shared equally between the parties.
- VI. The Arbitrator will give the speaking & reasoned award. The party will not be entitled to any Pendent late interest during arbitration proceedings.

5. Sub-Contracting

Agencies to which work has been awarded are not allowed to Sub-Contract the work to any other parties either in part or full.

6. Termination of Contract:

- 1. The contract shall remain in force as per the award of work or till satisfactory completion of awarded work, whichever is earlier.
- 2. However, in case, in the opinion of RECPDCL if the agency is not likely to make up for the delay, indicating poor work, the agency is acting in anyway prejudicial to the completion of project, on adoption of unethical practices etc. the contract may be terminated partly or fully by giving 15 days' notice and the balance works shall be got executed at the risk & cost of the agency.
- 3. In case of default in services or denial of services, RECPDCL, at its sole discretion, will be free to avail services of other service providers at the "Risk & Cost" of the defaulter.

7. Force Majeure:

The REC PDCL and Agency shall ensure due compliance with the terms of this tender/Work order. However no party shall be liable for any claim for any loss or damage whatsoever arising out of failure to carry out the terms of the tender/Work order to the extent that such a failure is due to force Majeure events which include fire, riot, strike, lock out, forces of nature, accident, and act of God. But any party claiming the benefit of this clause shall satisfy the other party of the existence of such an event and give written notice within 72 hrs. of occurrence to the other party to this effect. The services covered under this tender/Work order shall be started as soon as the condition of force majeure ceases to exist against the particular party to this tender/Work order.

SECTION-VII
ELIGIBILITY CRITERIA

S No.	Minimum Qualification Criteria	Documents Required
1	Bidder should either be a company incorporated under Companies Act, 1956 or Proprietor Firm	In case of company, Certificate of Incorporation issued under Indian Companies Act 1956 from Registrar of Companies to be submitted. In case of Proprietor Firm, relevant document of registration is to be submitted. In addition to above PAN details and applicable GSTIN/ Service Tax number also be submitted.
2	Bidder's average annual turnover for last four financial years (FY 2018-2019, 2017-18, 2016-17 and 2015-16) should be at least Rs. 10.62 Lakhs.	Audited balance sheet of last four (FY 2018-2019, 2017-18, 2016-17 and 2015-16) is to be submitted with summary as cover page on company's letterhead.
3	Bidder should have successfully executed similar work(s) in India for any Central/ State Government/ Semi Government/ Public Sector Undertaking/Large Corporate/ MNC (Such Large Corporate/ MNC should have turnover more than Rs. 100 crores) during last four years, having minimum contract value as below: Single work of minimum Rs. 12.13 Lakhs OR Two works of minimum Rs. 7.58 Lakhs	Bidder should submit copy of Work Order (mandatory) and any one document from list below: (i) Payment receipts (ii) Proof of release of performance security after completion of the contract (iii) Proof of settlement/release of final payment against the contract (iv) Certificate for successful completion of work/Performance report by the client.
4	Bidder should not be blacklisted by any Central/State Government/ Semi Government/ Public Sector Undertaking.	Bidder should submit an undertaking in this regard as per format of Annexure-G.
5	Bidder should have access to network of at least 20 AWS (automatic weather station) in the Haryana State for providing live weather data.	Bidder should submit an undertaking in this regard as per format of Annexure-F.
6	Bidder should have Qualified Manpower team based in India (Minimum team of 2 meteorologists based in India , with at-least 1 Meteorologist with more than 10 years' experience)	Bidder should submit resumes of qualified manpower in this regard.

Note: In case bidder is submitting work order released by Large Corporate/ MNC, bidder shall also submit audited balance sheet/Annual Report/CA Certificate of such Large Corporate/MNC indicating required turnover. RECPDCL reserves right to cross verify said turnover through website of Ministry of Corporate Affairs or any other reliable sources available in public domain.

SECTION-VIII
TENDER EVALUATION METHODOLOGY

OPENING OF BID:

The Bidder or his authorized representative may be present at the time of opening of bid on the specified date, but a letter in the form annexed at (Form – I) hereto must be forwarded to this office along with bid and a copy of this letter must be produced in the office by the person attending the opening of bid. Unless this letter is presented by him, he may not be allowed to attend the opening of bid.

In case of unscheduled holiday on the closing/opening day of bid, the next working day will be treated as scheduled prescribed day of closing/opening of bid; the time notified remaining the same.

EVALUATION OF BID

PRE-QUALIFYING CRITERIA

Evaluation and comparison of bids will be done as per provisions of Eligibility Criteria supporting documents. as proof of qualifying criteria. RECPDCL reserves the right to independently verify the documents provided as proof of eligibility criteria.

The RECPDCL will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order qualifying to which bids shall be summarily rejected.

RECPDCL reserves right to assess the capacity & capability of all or any bidder(s) during evaluation process before award of work.

PRICE EVALUATION CRITERIA

- a) Financial Bids of technically qualified bidders will be opened on the date and time indicated in this document in the presence of bidders or their authorized representatives who desire to be present.
- b) Price Bids (Financial Bids) of Bidders whose EMDs received in original (DD or BG) within due date/time will only be opened. Rest of the Financial bids without submission of requisite EMDs in original (DD or BG) within due date/time will not be opened.
- c) If due date of opening of Financial Bids happens to be a closed holiday, the bids would be received and opened on the next working day.
- d) REC PDCL reserves the right to postpone and/or extend the date of receipt/opening of Financial Bids or to withdraw the tender notice, without assigning any reason thereof. In any such cases, the bidders shall not be entitled to any form of compensation from the Company.
- e) Bidder will be evaluated as per the quoted rate including all taxes & duties and all other clauses.
- f) The Financial Bid is required to be filled by the agencies as per format mentioned in Form-III. Financial Bids will be evaluated based on total charges quoted by the bidder inclusive of all taxes & duties.

AWARD CRITERIA

The purchaser will award the contract to the successful bidder whose bid has been determined to be in full conformity to the bid documents and as the lowest evaluated bid.

SECTION-IX - TENDER FORMS

Letter for Submission of Tender

To,
Addl. Chief Executive Officer,
RECPDCL, 4th Floor, KRIBHCO Bhawan,
A-10, Sector-1, Noida Uttar Pradesh-201301

Sub.: Supply of Weather Data Services and Forecasts for the state of Haryana

Sir,

1. With reference to your Tender No. ----- dated ----- for **Supply of Weather Data Services and Forecasts for the state of Haryana**, I wish to apply for engagement with RECPDCL as “**Supply of Weather Data Services and Forecasts for the state of Haryana**”

Further, I hereby certify that

I have read the provisions of the all clauses and confirm that notwithstanding anything stated elsewhere to the contrary, the stipulation of all clauses of Tender are acceptable to me and I have not taken any deviation to any clause.

2. I further confirm that any deviation to any clause of Tender found anywhere in my Bid, shall stand unconditionally withdrawn, without any cost implication whatsoever to the REC PDCL.
3. Our bid shall remain valid for period of 180 days from the last date of bid submission.

Date:
Place:

Signature

Full Name

Designation

Address.....

Note: In absence of above declaration/certification, the Bid is liable to be rejected and shall not be taken into account for evaluation.

Supply of Weather Data Services Forecasts for the state of Haryana

PREQUALIFICATIONCRITERIA DETAILS

1. THE FIRM

2. Name _____

Regd. Address _____

a) Address of Office at Delhi/NCR _____

b) Contact Person's

i) Name & Design. _____

ii) Address _____

iii) Tel No. Landline _____ **Mobile** _____

iv) Email ID _____

3. Type of Firm: Private Ltd./Public Ltd./Cooperative/

(Please tick) Partnership/Proprietor

4. PAN _____

5. GSTIN No.:

6. Service Tax Reg. No.:

6. E.M.D. Details **Rs.**_____

DD No._____

Name & Address of Bank

Please upload duly signed copies by authorized signatory of documentary evidence e.g. work order, corresponding satisfactory job completion certificates from clients with amount of work order in support of above and any other document indicated in prequalifying criteria)

Signature.....

Full Name.....

Designation.....

Address

Financial Bid
(To be submitted through online mode online)
PROFORMA OF SCHEDULE OF RATES

Supply of Weather Data Services and Forecasts for the state of Haryana

S. No.	Description	Monthly Rate in INR	GST (%)	GST Amount In (Rs.)	Total Monthly Rate in INR (Inclusive of all taxes)	No. Of Months	Total Amount in INR (Inclusive of all taxes)
A	B	C	D	E=(CxD)	F=(C+E)	G	H=(FxG)
1	Day-Ahead Forecasts as per scope of work					9	
2	24-hr ahead Forecast as per scope of work					9	
3	Real-Time Actual Weather Data as per scope of work					9	
4	Bad weather early warning as per scope of work					9	
Grand Total (INR) inclusive of all taxes							

Note:

- Bidders have to quotes per financial bid format given below showing all taxes & duties. At the time of release of payment to the bidder, TDS/WCT/Labour cess will be deducted as the case may be.
- Rate quoted by the bidder, once finalized and accepted by RECPDCL, shall remain firm & fixed and shall be binding on the Successful Bidder till completion of project. No escalation will be granted on any reason whatsoever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons whatsoever.
- If it is found that the tax quoted is higher than the applicable tax, in that case applicable taxes will only be paid by RECPDCL and if the tax quoted is lower than the applicable tax, in that case only the quoted taxes will be paid by the RECPDCL.
- The offer must be kept valid for a period of 180 days from the last date of bid submission. No escalation clause would be accepted. The validity can be further extended with mutual consent.
- The Financial Bid is required to be filled online by the agencies as per format mentioned in Form-III. L1 will be decided on Grand Total amount which includes all Taxes

FORMAT FOR NO-DEVIATION CERTIFICATE

Unless specifically mentioned in this schedule, the tender shall be deemed to confirm the RECPDCL's specifications:

S. No.	Clause No.	Details of deviation with justifications

By signing this document we hereby withdraw all the deviations whatsoever taken anywhere in this bid document and comply to all the terms and conditions, technical specifications, scope of work etc. as mentioned in the standard document except those as mentioned above.

Seal of the Company:

Signature

Name

Note: In absence of above declaration/certification, the Bid is liable to be rejected and shall not be taken into account for evaluation.

BID BANK GUARANTEE (EARNEST MONEY)

(To be stamped in accordance with Stamp act)

This deed of Guarantee made this _____ day of _____ 2015 by

(Name of the Bank)

having one its branch at _____ acting through its Manager (hereinafter called the "Bank") which expression shall wherever the context so requires includes its successors and permitted assigns in favour of REC Power Distribution Company Ltd., registered under the Companies Act, 1956, having its office at _____ (hereinafter called "RECPDCL") which expression shall include its successors and assigns.

WHEREAS RECPDCL has invited tender vide their Tender Notice No. _____
_____ Dated _____ to be opened on
_____ AND _____ WHEREAS M/s _____

(Name of Tenderer)

having its office at _____ (hereinafter called the "Tenderer"), has/have in response to aforesaid tender notice offered to supply/ do the job _____ as contained in the tender.

AND WHEREAS the Tender is required to furnish to RECPDCL a Bank Guarantee for a sum of Rs. _____ (Rupees _____ Only) as Earnest Money for participation in the Tender aforesaid.

AND WHEREAS, we _____

(Name of Bank)

have at the request of the tenderer agree to give RECPDCL this as hereinafter contained.

NOW, THEREFORE, in consideration of the promises we, the undersigned, hereby covenant that, the aforesaid Tender shall remain open for acceptance by RECPDCL during the period of validity as mentioned in the Tender or any extension thereof as RECPDCL and the Tenderer may subsequently agree and if the Tenderer for any reason back out, whether expressly or impliedly, from his said Tender during the period of its validity or any extension thereof as aforesaid or fail to furnish Bank Guarantee for performance as per terms of the aforesaid Tender, we hereby undertake to pay RECPDCL, New Delhi on demand without demur to the extent of Rs. _____ Rupees _____ only).

We further agree as follows:-

1. That RECPDCL may without affecting this guarantee extend the period of validity of the said Tender or grant other indulgence to or negotiate further with the Tenderer in regard to the conditions contained in the said tender or thereby modify these conditions or add thereto any further conditions as may be mutually agreed to in between RECPDCL and the Tender AND the said Bank shall not be released from its liability under these presents by an exercise by RECPDCL of its liberty with reference to the matters aforesaid or by reason of time being given to the Tenderer or any other forbearance, act or omission on the part of the RECPDCL or any indulgence by RECPDCL to the said Tenderer or any other matter or thing whatsoever.

2. The Bank hereby waive all rights at any time in consistent with the terms of this Guarantee and the obligations of the Bank in terms thereof shall not be otherwise affected or suspended by reason of any dispute or dispute having been raised by the Tenderer (whether or not pending before any arbitrator, tribunal or court) or any denial of liability by the Tenderer stopping or preventing or purporting to stop or prevent any payment by the Bank to RECPDCL in terms thereof.
3. We the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of RECPDCL in writhing and agree that any charges in the constitution, winding up, dissolution or insolvency of the Tenderer, the said Bank shall not be discharged from their liability.

NOTWITHSTADING anything contained above, the liability of the Bank in respect of this Guarantee is restricted to the said sum of Rs. _____ (Rupees _____ only) and this Guarantee shall remain in force till _____ unless a claim under this guarantee is filed with the bank within 30 (thirty) days from this date or the extended date, as the case may be i.e. up to _____ all rights under Guarantee shall lapse and the Bank be discharged from all liabilities hereunder.

In witness where of the Bank has subscribed and set its name and seal here under **Note: -**

The date shall be thirty (30) days after the last date for which the bid is valid.

PERFORMANCE BANK GUARANTEE

M/s. REC Power Distribution Company Ltd.
Core-4 Scope Complex, Lodhi Road,
New Delhi-110003 (INDIA)
(With due Rs.100/- stamp duty, if applicable)

OUR LETTER OF GUARANTEE No. :.....

Date:.....

Amount:.....

Valid Date:.....

BankName& Address:.....

In consideration of REC Power Distribution Company Ltd. having its office at _____(hereinafter referred to as "RECPDCL" which expression shall unless repugnant to the content or meaning there of include all its successors, administrators and executors) and having entered into an agreement dated _____/issued Work Order No. _____ dated _____ with/on as _____ (hereinafter referred to as "The service" which expression unless repugnant to the content or meaning thereof, shall include all the successors, Administrators and executors).

WHEREAS the Agency having unequivocally accepted to supply the services as per terms and conditions given in the Agreement accepted to providing service as per terms and conditions given in the Agreement dated _____ /Work Order No. _____ dated _____ and RECPDCL having agreed that the Agency shall furnish to RECPDCL a Performance Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) (or the percentage as per the individual case) of the value of the Work Order i.e. for _____.

We, _____ (The Bank) which shall include OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No. _____ in your favour for account of _____ (The Agency) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/work Order.

Hereby, we undertake to pay upto but not exceeding _____ (say _____ only) upon receipt by us of your first written demand accompanied by your declaration stating that the amount Claimed is due by reason of the Agency having failed to perform the Agreement and despite any contestation on the part of above named Agency.

This Letter of Guarantee will expire on _____ including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Letter of Guarantee will become of no effect whatsoever whether returned to us or not.

Authorized Signature
Chief Manager/Manger
Seal of Bank

LETTER OF TRANSMITTAL

To: [Name and address of Client]

.....
.....
.....

Dear Sir/s,

I/We, the undersigned, have examined the details given in your Request for Proposal dated [**Insert Date**] for **Supply of Weather Data Services and Forecasts for the state of Haryana** of REC/RECPDCL. We accept all the terms & conditions of the bid document without any deviation and submit the Bid. We hereby certify that M/s _____ or its group companies have not been awarded any work for & shall not be a competitor to REC during contract period in case the contract is awarded.

Also, M/s _____ or its group companies is not executing or providing any type of consultancy services either directly or as a sub-contractor for the particular work for which Bid is submitted.

It is confirmed that M/s. _____ is not banned or blacklisted by any Govt./Pvt. Institutions in India.

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT

(To be signed and stamped by the bidder)

In a bid to make our entire procurement process more fair and transparent, RECPDCL intends to use the reverse auctions as an integral part of the entire tendering process. Techno-Commercially acceptable bidder's up to the level of L6 or lower as the case may be shall be allowed to participate in the Reverse Auctioning at sole discretion of RECPDCL.

The following terms and conditions are accepted by the bidder on participation in the bid event:

1. RECPDCL shall provide the user id and password to the authorized representative of the bidder. (Authorization Letter in lieu of the same shall be submitted along with the signed and stamped Acceptance Form).
2. RECPDCL decision to award the work would be final and binding on the supplier.
3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of RECPDCL, bid process, bid technology, bid documentation and bid details to any other party.
4. The bidder is advised to fully make aware themselves of auto bid process and ensure their participation in the event of reverse auction and failing to which RECPDCL will not be liable in any way.
5. In case of bidding through Internet medium, bidders are further advised to ensure availability of the infrastructure as required at their end to participate in the auction event. Inability to bid due to telephone line glitch, internet response issues, software or hardware hangs, power failure or any other reason shall not be the responsibility of RECPDCL.
6. In case of intranet medium, RECPDCL shall provide the infrastructure to bidders. Further, RECPDCL has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders to submit the bids to ensure fair & transparent competitive bidding. In case an auction event is restarted, the best bid as already available in the system shall become the basis for determining start price of the new auction.
7. In case the bidder fails to participate in the auction event due any reason whatsoever, it shall be presumed that the bidder has no further discounts to offer and the initial bid as submitted by the bidder as a part of the tender shall be considered as the bidder's final no regret offer. Any offline price bids received from a bidder in lieu of non-participation in the auction event shall be out rightly rejected by RECPDCL.
8. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
9. The prices as quoted by the bidder during the auction event shall be inclusive of all the applicable taxes excepts service tax, duties and levies and shall be for at site.
10. The prices submitted by a bidder during the auction event shall be binding on the bidder.
11. No requests for time extension of the auction event shall be considered by RECPDCL.
12. The original price bids of the bidders shall be reduced on pro-rata basis against each line item based on the final all-inclusive prices offered during conclusion of the auction event for arriving at Contract amount.

Signature & Seal of the Bidder

Full Name of owner.....
Designation.....
Address.....
Mobile No.....
Email id.....

Bidder Locations in India

1. Bidder needs to provide details of their locations in India in the following format.

Firm Detail – List of Locations in India

No.	Location Address	State	City	Contact Person	Contact Details
1					
2					
3					

UNDERTAKING TOWARDS NOT BEING BLACK-LISTED

I, _____ Authorized Signatory of M/s _____ hereby give undertaking that we, as a company are not black-listed by any Central/ State Government/ Semi-Government Organization/ Public Sector Undertaking/ Private Institution in India.

Further, if information furnished above stands false at any stage, we shall be completely liable for actions taken by RECPDCL as per terms & conditions of the tender including disqualification and exclusion from future contracts/assignments.

(Signature of Authorized Signatory)

Name*:

Designation*:

Seal: