

S. No	Vendor Name	Item	Page No/Clause No.	Parameter	Technical Specifications as per RFP	Queries/Modifications/Changes Suggested	Vendor Remarks	RECPDCL Remarks	Remark Type
1	BKC Weather	Weather Data	Section IV/1/5	Duration of Historical Weather	Historical data to be provided for past 5 years	Historical Data is available for only 3 years for some of the locations in Haryana	Historical Data is available for only 3 years for some of the locations in Haryana	5 years of historical data is ideal. But if data is not available for all locations for 5 years, 3 years is the minimum requirement.	see amendment-1
2	BKC Weather (Seconded by WeatherRisk)	Historical Data	Section IV/1/5	Granularity of Data	Historical data to be provided at a granularity of 15 minutes	Historical Data is available only at 1 hour granularity some of the locations in Haryana	Historical Data is available only at 1 hour granularity some of the locations in Haryana	Historical data to be provided of 15 minutes intervals. However in case if historical data is not available of 15 minutes bidder will interpolate the values for 15 minutes intervals and mention granularity of source data in the bid.	see amendment-1
3	BKC Weather (Seconded by WeatherRisk & M/S Skymet)	Weather Data	Section IV	Cloud Cover	Cloud Cover data in Historical, Actual and Forecasted Data to be provided.	Cloud cover requires manual observation. So data provided at 15 minutes interval can only be model derived, not observed.	Cloud cover requires manual observation. So data provided at 15 minutes interval can only be model derived, not observed.	Cloud Cover is required in Okta. Model derived values are acceptable.	see amendment-1
4	BKC Weather	Eligibility Criteria	Section 6/3	Previous Work Order	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. 16.0 Lakhs OR Two works of minimum Rs. 10.00 Lakhs.	Does 'Similar Work Clause' mean supply of weather data processing, visualization and forecasting systems and support services?	Vendor has provided weather forecasting software and equipment in the past. Has provided services only as a pilot. Requires clarification on eligibility.	Bidder should have successfully executed similar works (i.e. supply of weather data as a service) However if bidder has undertaken any project which is closely related, they may submit the bid with details of the project/projects. RECPDCL will reserve the final right to assess the suitability of the work carried out in deciding the eligibility of the bidder) 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. 16.0 Lakhs OR Two works of minimum Rs. 10.00 Lakhs.	see amendment-1
5	BKC Weather	Service Level Agreement	Section IV/4	Deductions and Payment	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: Total Bill Amount x $[0.15 \times 0.5 \times ((0.90 \times (\% \text{ of occurrence } b/w \ +/- \ 1C / 90 \text{ in Day-Ahead Forecast}) \text{ or } 1 \text{ whichever is lower})) + 0.10 \times (\% \text{ of occurrence } b/w \ +/- \ 2C / 10) \text{ in Day-Ahead Forecast} \text{ or } 1 \text{ whichever is lower}] + [0.90 \times (\% \text{ of occurrence } b/w \ +/- \ 0.75C / 90) \text{ in 24-Hour Rolling Forecast} \text{ or } 1 \text{ whichever is lower}] + 0.10 \times ((\% \text{ of occurrence } b/w \ +/- \ 2C / 10) \text{ in 24-Hour Rolling Forecast} \text{ or } 1 \text{ whichever is lower})] + 0.05 \times 0.5 \times ((0.90 \times (\% \text{ of occurrence } b/w \ +/- \ 10 RH / 90 \text{ in Day-Ahead Forecast}) \text{ or } 1 \text{ whichever is lower}) + 0.10 \times (\% \text{ of occurrence } b/w \ +/- \ 20 RH / 10) \text{ in Day-Ahead Forecast} \text{ or } 1 \text{ whichever is lower})] + [0.90 \times (\% \text{ of occurrence } b/w \ +/- \ 10 RH / 90) \text{ in 24-Hour Rolling Forecast} \text{ or } 1 \text{ whichever is lower}] + 0.10 \times (\% \text{ of occurrence } b/w \ +/- \ 15 RH / 10) \text{ in 24-Hour Rolling Forecast} \text{ or } 1 \text{ whichever is lower}] + 0.80]$	The forecasts are to be provided for a total of 7 Parameters - but why the deductions are to be done from the total amount for 7 parameters instead of prorata amount for 2 parameters?	The forecasts are to be provided for a total of 7 Parameters - but why the deductions are to be done from the total amount for 7 parameters instead of prorata amount for 2 parameters?	Temperature and Humidity are the 2 most critical parameters and hence only those are included in SLA and Payment/Decustion calculations. Same will stay as per original RFP.	Clarification
6	BKC Weather	Service Level Agreement	Section IV/4	Accuracy Margins	For 24 hr Rolling Forecasts: Within +/- 0.75 degree Celsius of 90% of the forecasted slots and +/- 1.5 degree Celsius for the remainder 10% of the forecasted value. Forecast made at least 6 hrs prior to time block will be considered. & Within +/- 10 RH for 90% of the forecasted value and within +/- 15 RH for the remaining 10% of the forecasted value. Forecast made at least 6 hrs prior to time block will be considered.	The accuracy margin is very narrow, such as 0.75C or 10RH in 24-Hour Rolling Forecast, which will be very difficult to realize in tropical climates especially during monsoon months. Could all accuracy be compliance be done as per the international standard of World Meteorological Organization?	The accuracy margin is very narrow, such as 0.75C or 10RH in 24-Hour Rolling Forecast, which will be very difficult to realize in tropical climates especially during monsoon months. Could all accuracy be compliance be done as per the international standard of World Meteorological Organization?	The desired accuracy levels are based on the operational requirement of DICOMS and observed relationship of temperature with electrical demand. Same will stay as per original RFP.	Clarification
7	BKC Weather	Preface	Section 2	Definition of Comfort Index	1. Day ahead Weather Forecast for upto seven parameters affecting comfort index at fifteen(15)minute interval.	What will be the basis of calculation of 'comfort index' - is any guidance material available?	What will be the basis of calculation of 'comfort index' - is any guidance material available?	We are not asking for "Comfort Index" here but 7 parameters affecting the "Comfort Index". The parameters are tabled in Section IV.	Clarification
8	BKC Weather	Weather Data	Section IV	Feels Like Temperature	The parameters required are (g): Feels like temperature	How to quantify 'Feels like temperature' parameter, because normally the variance is measured in subjective terms for e.g. 'Very Hot', 'Slightly Hot' or 'Extremely Hot' - is any guidance material available?	How to quantify 'Feels like temperature' parameter, because normally the variance is measured in subjective terms for e.g. 'Very Hot', 'Slightly Hot' or 'Extremely Hot' - is any guidance material available?	Vendor is required to provide a "Discomfort Index" for Haryana on the lines of Heat Index/Wind-Chill Factor - A single value in degree celcius - This will be tested with the demand forecast model along with the other 6 parameters and the best mix will be chosen for deployment.	Clarification
9	BKC Weather/ WeatherRisk/Skymet	Renewal of Contract	NA	Renewal of Contract	NA	Will the contract be renewed post the first year? As some investment may have to be made by the vendor, renewal will bring yearly costs down.	Will the contract be renewed post the first year? As some investment may have to be made by the vendor, renewal will bring yearly costs down.	In case of renewal/extension of Annual weather forecasting services by HPPC to RECPDCL contract period may be extended for a further period as per requirement of project at same rate, terms & conditions. However RECPDCL reserves right to terminate the contract with the intimation as per requirement of project or in case HPPC arranges its own subscription forecasting services. And in case of termination of contract RECPDCL will not pay for annual weather forecasting services subscription charges from subsequent year of such intimation.	see amendment-1