



**SKN COLLEGE OF AGRICULTURE**  
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**Dr. R. C. Kumawat**  
**DEAN**

**No.F (32) SKN/ Tender/RKVY/2017-18/ 3139**

**Dated: 22.01.2018**

**AMENDMENTS/CLARIFICATIONS**

**Subject:** Amendments in Bid document and Technical specifications regarding purchase of goods viz., equipments and instruments of **BID No.5 No.F (32) SKN/ Tender/RKVY/2017-18/3025 Dated: 10.01.2018**

In reference to above subject, representations received from the firms and issues raised by the bidders in pre bid meeting, were examined by the competent authorities and technical committee. The following clarifications/corrigendum /amendments are issued for inclusion in bid document and technical specifications of the instruments.

**Amendments in Technical Specifications/ Bid Document**

Item No. & name	Ref. specification & page No.	Current Specifications in the Tender	Amendments made in Specifications/ bid document	Remarks
<b>3.1.1 Drip &amp; Sprinkler irrigation system and Automation unit (2.5 ha area) : One set</b>	Terms and Conditions for drip, sprinkler system and Automation unit <b>pp. 47</b>	All the above items will be considered as single unit for finalization	All the above items will be considered as single unit for finalization and preference will be given to single brand items of the unit	To avoid confusion and to allow fair competition among firms
<b>3.1.3 Tensiometer Quantity= 2 in No.</b>	Quantity in No. <b>pp. 8, 27</b>	Tensiometer Quantity= 2 in No.	Tensiometer Quantity= 2 in No. (Set for given depths)	To avoid confusion

	<b>&amp; 48</b>			and to allow fair competition among firms
<b>3.1.4 Weather station (Automatic) Quantity= 1 in No.</b>	Data Storage pp. 48	In built facility to store of 8 GB or more storage or required storage capacity for recording and storing the data of different intervals and storing up to 1 to 6 month data & facility with download the stored data on a flash / USB card. Data should be measured as frequently as once every 5 sec. and stored in 10- minute intervals with time tags.	In built facility to store of 8 GB or more storage or required storage capacity for recording and storing the data of different intervals and storing more than 6 month data & facility with download the stored data on a flash / USB card. Data should be measured as frequently as once every 5 sec. and stored in 10- minute intervals with time tags.	To avoid confusion and to allow fair competition among firms
	Battery & Charging System pp. 48	Solar penel of 50 watts with 7.5 AH battery.	Solar penel of more than 50 watts with more than 65 AH battery.	
	GPRS Display pp. 48	Provision of Data transmission Compatibility by laptop locally via USB and remotely using the GPRS modem options. Data should be available on interval for downloading. LCD display for Live and archived data.	Provision of Data transmission Compatibility by laptop locally via USB and remotely using the GPRS modem options. Software to download data with date and time through internet in Excel, Word, mobile app based and graphical format. Data should be available on interval for downloading. LCD display for Live and archived data.	
	Rainfall pp. 48	Range : 0 to 500 mm per hour Accuracy : $\pm$ 2%	Range : 0 to 99.9 cm per hour Accuracy : $\pm$ 2 to 5% or better	
	Tower/Mast/ Accessories pp. 49	Enclosure suitable for data logger.	Best housing and weather/ radiation proof enclosures for sensors/items	
	Terms & conditions pp. 49	Minimum warranty of two years after installation	Minimum warranty of two years after installation and provide the user's list for the same as well as user satisfactory/performance certificate (at least five preferably from Govt organizations)	

<b>3.2.2 Semi Micro Analytical Balance</b> Quantity= 1 in No.	Display <b>pp. 51</b>	Display :-Alpha Numeric LCD Display	Alpha Numeric LCD Display/Backlite	For better quality of instrument and avoiding confusion
	Memory storage <b>pp. 51</b>	Memory storage upto 10000 data with date and time	Memory storage upto standard with date and time	
<b>3.5.1 Environmental chamber</b> Quantity= 1 in No.	Technical Specifications <b>pp. 57</b>	Temperature range 10-60°C $\pm$ 2°C Humidity: 55-95 $\pm$ 5%	Temperature range 10-60°C $\pm$ 0.5°C Humidity: 55-95 $\pm$ 2% RH	For better quality of instrument and avoiding confusion
<b>3.6.1 Chlorophyll meter</b> Quantity= 1 in No.	Specifications <b>pp. 57</b>	6. Receptor should be silicon photodiode. 7. LCD display of reading showing soil plant analysis development. SPAD values. 9. Body should be compact, light weight and water resistant. 10. Warning buzzer, soft case.	6. Receptor should be silicon photodiode and sensor should be silicon semi conductor photodiode 7. LCD display of reading showing soil plant analysis development and display range should be -10 to 180 units and accuracy within 1.00 unit ( $\pm$ ) 9. Body should be compact, light weight and water resistant and working environment temp. should be 10 to 40 ° C 10. It should contain all the standard accessories such as warning buzzer, soft case etc.	For better quality of instrument and avoiding confusion
	Minimum average gross annual turnover of bidder/firm for last three financial years (In Rs) <b>pp. 9</b>	2,30,000	3,14,000	For better quality of instrument
	Minimum average gross annual turnover for last three	1,15,000	1,57,000	

financial years (In Rs) for (SSI Units of Rajasthan) <b>pp. 9</b>			
Bid Security (B.S) ( Rs) <b>pp. 9</b>	3600		5000
Bid Security (B.S) for SSI units of Rajasthan ((In Rs) <b>pp. 9</b>	900		1250

- Note :**
- i.** Committee if feels, may ask for **demo** for quoted model before finalizing the tender.
  - ii.** Installations of quoted model should have been made by company in recognized research institutes/university in **Rajasthan/India**.
  - iii.** The **CDEC** is not available with university and vendor has to quote FOR value to the University including custom/excise duties in INR.
  - iv.** Please note that all the above amendments/clarifications in technical specifications/ bid documents are the integral part of bid document.  
All other terms and conditions remains the same.



**Dean**

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