



## Agro-Chemical and Food Company Limited

### Addendum no 3

NOS.	CANDIDATES REQUEST FOR CLARIFICATION	ACFC RESPONSE
01	Beneficiary Bank Details (for BG issuance)	Kenya commercial Bank, Muhoroni branch account number 1104043084, Bank code 01, Branch code 240, swift code KCBLKENX.
02	Confirmation on whether the Bank Guarantee is required to be issued through SWIFT (electronic mode) or if a physical (paper) BG will be acceptable	Any of the option requested is ok
03	Confirmation of the Tender Security amount in USD to be submitted	Please submit based on the exchange rate applicable at the at the time of application
04	<b>Cooling towers specifications are as below</b>	

# Cooling towers specs accompanied by pump specs

## TECHNICAL DATA SHEET

### COOLING TOWER

Water quantity in circulation	:	700 M <sup>3</sup> /hr.
Inlet hot water temperature to Cooling Tower	:	32.5 °C
Outlet cold water temperature from Cooling Tower	:	24 °C
Design wet-bulb temperature	:	20.3 °C
Cooling Tower model	:	210-04-02, Class 400 SS
Type of Cooling Tower	:	Induced draft counter flow
Overall dimensions approx., L x W x H, M	:	10.01 x 6.160 x 7.41
Inside basin dimensions approx., L x W, M	:	10.37 x 7.16 (as existing)
Number of Cooling Towers required	:	1
Number of cells	:	2 (350 M <sup>3</sup> /hr. x 2)
Number of fans per cell	:	2
Fan assembly diameter, M	:	2.43
Number of blades per fan assembly	:	6
Whether fan blade angle adjustable?	:	Yes
Motor HP. per fan	:	15
Motor rpm synchronous	:	500
Motor specification	:	415/3/50, IP-55, 'F' class & flanged.
Resultant fan rpm on full load, approx.	:	465
Fan tip velocity, M/sec. approx.	:	59 (max. limit permissible is 60)
A. Evaporation loss, M <sup>3</sup> /hr.	:	7.29 (1.04%)
B. Drift loss, M <sup>3</sup> /hr.	:	0.350 (0.05%)
C. Total water make-up (A+B)	:	7.64 (1.09%)



**KSB** KSB Pumps Limited

Type	CPK GB	150-315
Sr. no.	050540-751	IND. 002561
Q	280	m <sup>3</sup> /h Year 1981
H	22	m/c HP
n	1450	rpm Ex. 3299 /81
17 P 0021		



Geoffrey Rotich  
For Resident Director & ceo