

[illegible]

N	O	P	Q	R	S	T	U	V	W
Dimensions w x h (cm)	Flange Specifications	LOSS	Flow Meter					Transmitter [Racking and Covering]	JB [KKS]
			Action	Type	Unit	Output Signal	Accuracy [%]		
		LOSS_OCFM_001	CW Secondary tank will be extended to accommodate an installation of the pipe that will collect the overflowed water to the dirty sump (refer to unit 5 modification). Flumes and sensor will be installed.	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
		LOSS_OCFM_001	Same as unit 1	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
		LOSS_OCFM_001	Same as unit 1	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
		LOSS_OCFM_001	Same as unit 1	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
		LOSS_OCFM_001	Pipe line exist on unit5, Flumes, Sensors and Transmitters to be installed	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_OCFM_001	Same as unit 1	OCFM	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM on the Ash Line just after ash pumps	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_002	Install new FM	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Ultrasonic FM_001	Install new FM	Ultrason ic MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_002	Install new FM	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a			Install new FM	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	
n/a		LOSS_Inline FM_001	Install new FM	In-line MF	Instantaneous: m <sup>3</sup> /h Total: m <sup>3</sup>	4-20 mA	2,0	New racking and covering	

Power Supply				Cabling					Comments
JB	Power Supply	Cabling	Comment	Primary		Field/Signal			
				Distance [m]	Action	Distance [m]	Action	Type	
220v		New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Need Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Need Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m) by Eskom		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Need Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Need Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Modify the existing Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	OCM from Others; Need Pipe line + Chamber (Material SS304)
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	220v	New	Power cable to be pulled from the UPS Room at 12m Level (200m)		New		Signal Cables to pulley to the equipment room 200m by Contractor	4-core	
	24v	New	Power cable to be pulled from the KP panel 7m		New		7m signal cable to be pulled from the KP panel by Contractor	4-core	
	24v	New	Power cable to be pulled from the KP panel 20m by Contractor		New		20m signal cable to be pulled from the KP panel by Contractor	4-core	
	220v	New	Power cable to pulled from the PLC at Sewage plant switchgear room 10m		New		20m signal cable to be pulled from the KP panel by Contractor	4-core	
	220v	New	Contractor to provide proposal		New			4-core	
	24v	New	Power cable to be pulled from the KP panel 20m by Contractor		New		20m Signal cable to be pulled from the KP panel by Contractor	4-core	