

**EXTERNAL ELECTRICAL WORKS FOR BUKIT NANAS, AMPANG INTAKE, CHERAS MILE 11 AND
SG SERAI WTPs**

SCHEDULE OF PARTICULAR A - BUKIT NANAS WTP

Item No.	Description	Tender Specification	Tenderer's Particular
1	FEEDER PILLAR		
A	Weatherproof Metalclad Feeder Pillar Manufacturer / Make: Country of Origin / Manufacture: Type Test: Rated Voltage (V): Panel Thickness Framework Thickness Ingress Protection	To Offer To Offer To Offer 230/400 14SWG/2.0mm 12SWG/2.5mm IP56	
B	Copper Busbars Normal Rated Current (A) Dimension (mm) Insulation Type	32A/63A/100A/300A 25mm x 3mm Tinned copper bars	
C	Miniature Case Circuit Breaker (MCCB) Manufacturer Country of Manufacture Local Agent Model No. Standard To Which Manufactured	To Offer To Offer To Offer To Offer IEC 60947-2	
D	Miniature Circuit Breaker (MCB) Manufacturer Country of Manufacture Local Agent Model No. Standard To Which Manufactured	To Offer To Offer To Offer To Offer IEC 60947-2	
E	Fuse Manufacturer Country of Manufacture Local Agent Model No. Rated Voltage (V)	To Offer To Offer To Offer To Offer To Offer	
F	Ammeter Manufacturer Country of Manufacture Local Agent Model No.	To Offer To Offer To Offer To Offer	

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Item No.	Description	Tender Specification	Tenderer's Particular
1	FEEDER PILLAR (Cont'd)		
G	Voltmeter		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Model No.	To Offer	
H	Contactor		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Model No.	To Offer	
	Rated Voltage (V)	230/400	
I	By-Pass Switch		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Model No.	To Offer	
	Standard Specification	BS 5419	
J	Time Switch		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Model No.	To Offer	
	Rated Voltage (V)	230	
	Rated Current (A)	16	
	Spring Working Reserve (Hours)	24hours	
	Frequency (Hz)	50Hz	
K	Surge Protection device (SPD)		
		Schneider, Erico (Critec), ABB, Furse, Novaris & Obo Betterman or equivalent	
	Manufacturer / Make:	To Offer	
	Country of Origin / Manufacture:	To Offer	
	Model/Type:	To Offer	
	Standard To Which Manufactured	IEC 61643-11:2011	
	Rated Voltage (kV):	To Offer	
	Short Circuit Current Withstand (ISSCR)	To Offer	
	Respon Time (ns)	To Offer	

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SCHEDULE OF PARTICULAR A - BUKIT NANAS WTP

Item No.	Description	Tender Specification	Tenderer's Particular
1	FEEDER PILLAR (Cont'd)		
L	13A Switch Socket Outlet (Inside Feeder Pillar)		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Rated Amps (A)	13A	
	IP Rating	IP54	
M	Flourescent Light (Inside Feeder Pillar)		
	Manufacturer	To Offer	
	Country of Manufacture	To Offer	
	Local Agent	To Offer	
	Model No.	To Offer	
	Wattage	18W	

Note:

- (i) To attach catalogue with SPAN/ SIRIM/ IKRAM certification, if available.
- (ii) All warranties shall commence from the date of CPC and shall not less than DLP.

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Signature and Official
Stamp of Tenderer

Date :