



KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000014992

KGN-OLK-028-2024

TENDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF INDUSTRIAL BATTERY BANKS FOR OLKARIA II & IAU POWER STATIONS.

(Reserved for Women Enterprise)

Dated: 11th April, 2024

Addendum No.1.

In accordance with the **Tender for Supply, Installation, Testing and Commissioning of Industrial Battery Banks for Olkaria II & IAU POWER STATIONS.**, KenGen issues an Addendum No.1 as follows:

Amended Constant Current discharge characteristics and Constant power Discharge characteristics for Schedule A and Schedule B.

No.	Requirements	Amended
Schedule A: Olkaria II 240Vac UPS system battery bank		
1.	<u>Technical Specifications for the battery bank</u> Table 1: Constant Current discharge characteristics at 20°C is blank	The correct Constant current discharge characteristic at 20°C should be as Table 1 below.
2.	Table 2: Constant power discharge characteristics in Watts/cell at 20°C. The end voltage per cell column has been left empty	The table 2 below shows the expected end voltage per cell
Schedule B: Olkaria IAU 240Vac UPS system battery bank		
3	<u>Technical Specifications for the battery bank</u> Table 3: Constant Current discharge characteristics at 20°C is blank	The correct Constant current discharge characteristic at 20°C should be as Table 3 below.
4	Table 4: Constant power discharge characteristics in Watts/cell at 20°C is blank.	The correct Constant Power discharge characteristic at 20°C should be as Table 4 below.

Table 1: Constant Current discharge characteristics at 20°C

End voltage Per cell	15 minutes	2hours	5 hours	10 hours	20 hours
1.70	238.8	77.2	39.3	22.8	12.9
1.75	211.8	75.4	38.7	22.5	12.8
1.80	181.4	71.6	37.5	22.0	12.2
1.85	148.7	64.4	35.0	20.8	18.0

Table 2: Constant power discharge characteristics in Watts/cell at 20°C

End voltage V/cell	15 minutes	2 hours	5 hours	10 hours	20 hours
1.70	406.3	143.0	74.5	43.8	25.0
1.75	369.0	140.0	73.5	43.3	24.7
1.80	324.4	133.5	71.5	42.4	24.2
1.85	273.1	121.1	66.9	40.2	23.2

Table 3: Constant Current discharge characteristics at 20°C

End Voltage V/cell	15 minutes	2 hours	5 hours	10 hours	20 hours
1.70	1178.5	611.7	325.6	188.2	105.4
1.75	1012.9	559.9	312.5	183.6	103.5
1.80	826.5	493.7	289.2	174.7	100.0
1.85	624.6	413.8	254.3	158.2	92.7

Table 4: Constant power discharge characteristics in Watts/cell at 20°C

End voltage V/cell	15 minutes	2 hours	5 hours	10 hours	20 hours
1.70	1987.8	1078.8	599.6	354.5	201.6
1.75	1757.0	1000.5	577.7	346.7	198.3
1.80	1489.3	897.2	538.5	331.1	192.1
1.85	1170.0	766.8	478.9	302.1	179.1

SUPPLIER ACKNOWLEDGEMENT OF ADDENDUM NO.1

We, the undersigned hereby certify that the Addendum No.1 is an integral part of the document and the alterations set out in addendum has been incorporated in the Tender Proposal.

Signed.....

Tenderer.....

Date.....