

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl No.	Description of items	Quantity
File No. PUR/38/EM&TRG/PK/E/2024-25		
1	SUPPLY OF LiFePO4 Battery Pack (73.6V, 100Ah)	01 Nos.
(DETAILED SPECIFICATIONS AS PER ANNEXURE – I)		

### 1. DELIVERY, INSTALLATION & COMMISSIONING:

The delivery is to be completed within 08 weeks from the date of issue of Purchase Order.

### 2. PAYMENT TERMS:

100% payment shall be paid within 30 days after delivery of LiFePO4 Battery Pack (73.6 V, 100 Ah) and acceptance of the material upon submission of claim supported by the acceptance certificate issued by the purchaser.

### 3. BID SECURING DECLARATION FORM:

Bid Securing Declaration is to be submitted by the Bidder as per the format prescribed in the tender document.

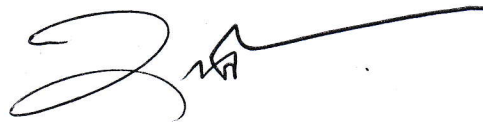
### 4. WARRANTY:

02 (Two) year on-site warranty will be provided by the supplier from the date of acceptance of the ordered goods.

### 5. MANUFACTURER AUTHORISATION FORM:

Manufacturer Authorisation Form will be provided by the supplier.

14/06/24  
10/06/24



## Annexure 1

Capacity (Nominal):	100 Ah
Voltage (Nominal):	73.6 V
Operating voltage range:	57.5 V to 83.95 V or wider range
Connector:	SB 120
Maximum continuous charge current:	50 A
Maximum continuous discharge current:	100 A
Operating temperature range:	0 to 45 deg C or wider range
Cell Balancing:	Yes
Battery Management system:	Programmable for voltage and current limits at cell and stack level
Protection:	Over and under voltage protection, Charging over current protection, Discharging over current protection, Short circuit protection, Over temperature protection
Over temperature protection during discharge:	60 deg C
Over temperature protection during charge:	50 deg C
Ingress protection:	IP65 rated
Battery pack dimension:	Length <=510mm, Width<=450mm, Height<=300mm
Battery life:	>= 2000 cycles
Warranty:	<del>2</del> 2 years

