



Running Contract Details	
Equipment Name	60 KVA UPS
Running Contract Valid Till	27-09-2023
Tender Ref No	KMSCL/EP/T410/948A/2021
Tendered Quantity	50
Supplier Name	M/s Supra Hi-Tech Electro Equipments Pvt Ltd
GST No	32AADCS3367G1ZI
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Supra House Pallissery Road Thamanam P.O 682031 Ernakulam	Contact Person	Joby P Varghese
	Phone	
	Mobile No	9447136447
	Email	info@suprahitech.com , joby@suprahitech.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	60 KVA UPS <i>Model & Make : 33D-33300/SUPRA</i>	498000 Incl.GST :18%	34860	532860
		498000	34860	532860

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
60 KVA UPS							
Labour	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00
Comprehensive	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 3.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :60 KVA UPS

I. Should have 60 KVA Online UPS with 30 minutes backup suitable for Three Phase Input and Three Phase Output.

II. Input

- a. Voltage Range : 300V – 480V, Three phase four wire
- b. Frequency : 50± 10% HZ
- c. Input Power Factor : >0.92
- d. Charger Topology : BUCK
- e. Electrical Connection Type : Terminal Block

â€œ

III. Output

- a. Voltage : 380V/400V ± 1%
- b. Voltage Regulation : ±1%
- c. Frequency : 50 Hz
- d. Frequency Regulation : ±0.05 Hz
- e. Power Factor : 0.8
- f. Isolation Transformer : Inbuilt
- g. Wave Form : Pure Sine Wave
- h. Transient Response : <8(10%-90% (Linear Load)
- i. Voltage Harmonic : <3%(Linear Load)
- j. Over Load Capacity :- 100 to 110% : 5 minutes

110 to 120% : 2 minutes.

120 to 150% : 30 sec.

- a. Crest Factor : 3:1

â€œIV. Audible Warning :

- a. Battery Back - up Ending : Yes
- b. Over load : Yes

V. Display

- a. LED : UPS ON # Battery High/Low # Overload -R,Y,B #
- b. LED : Output Volt. High/Low -R,Y,B # Mains High/Low -R,Y,B, CHG.

ON #

- a. LCD : # Input R,Y,B & Output R,Y,B Voltage & R,Y,B Frequency #
- b. LCD : Batt. Voltage # Charging Current # R,Y,B Load Percentage.

VI. Interface.

â€œa. Ports : RS232/USB Port/SNMP (Optional)

VII. Others.

- a. Static Bypass : Optional/Default Rotary Switch
- b. UPS Cabinet with Wheels : Yes.

VIII. Overall.

- a. Efficiency (AC-AC) : >90% @ Full Load
- b. Transfer Time : 0 ms
- c. Operating Environment : 0-40 °c
- d. Operating Relative Humidity : 5% - 95%(Non-Condensed)

IX. Battery.

ISO Certified Tubular C10 batteries with minimum VAH required 43,200. The battery should be of EXIDE or Equivalent make.

X. Warranty.

3-year onsite warranty for UPS & 3-year onsite replacement warranty for Batteries.