

# **UPS Systems Group Maintenance Contract**

# Schedule A

## **Equipment Type and Service Plan**

UPS Model Number:		9700 / 150kVA			
Serial Number:		02-GJMBQ1-03			
Battery Type:			an management and management to the state of	hil-engist de-stantautunta kanta en en en dan de Kineste-et kallen bestatunt des et et bestat de eper yapa per yapa ya des jaha unte	
Battery Model:			. — — — — — — — — — — — — — — — — — — —	and the state of t	
Service Plan:	72-F-12-540		Price		
Part Number:		· ·	iket (Palifer Films belled) ilde et skil sjoet i bil sek kreisenske sjoet en en en en	The state of the s	
Options:	Gold Plan		Price	\$6,000.00	
والمراوات		allicide, shakalaka kishaka asala ayalaka asala ayalak pekaripano milak hiji yak 1500 1500 Millio kishaka 1500 Millio ka 1500 Millio kishaka 1500			
Notes:	Bas	ed on (1) string of batteries			
Lile cycle replacement parts are not covered under contract Tax not included			Total	\$6,000.00	

### Service Plans

#### Gold Plan

- 7 x 24 Remedial Parts & Maintenance on the UPS Module
- Two-Proventive-Maintenance-visits
  - One Annual visit on the UPS and batteries
  - One Semi-Annual visit on the batteries



# **UPS Systems Group Maintenance Contract**

Subject to all of the terms and conditions of this Agreement, Customer hereby requests and Mitsubishi Electric Power Products, Inc. UPS Systems Group ("MEPPI") hereby agrees to provide service on the Mitsubishi UPS Equipment described on Schedule A to this Agreement (the "Equipment"), in accordance with the terms and price of the UPS System Service Plan described below and selected by Customer on Schedule A. This Agreement is effective from the date on which it is accepted by MEPPI and shall remain in force for an initial period of one (1) year from that date. MEPPI's Toll Free Service Number: 1-800-887-7830, 24 hours a day / 7 days a week.

In closing, we would like to thank you for giving this service opportunity to Mitsubishi Electric Power Products, Inc. To activate the maintenance contract, please sign below and return a copy to your Mitsubishi representative.

Customer Signature	Mitsubishi Representative Signature	
Signature:	Signature:	
Print Name:	Print Name:	
Title:	Title:	
Date Signed:	Date Signed:	

THE ATTACHED TERMS AND CONDITIONS ARE PART OF THIS AGREEMENT. BY SIGNING ABOVE, YOU ACKNOWLEDGE THAT YOU HAVE READ AND UNDERSTAND THIS AGREEMENT, INCLUDING THE TERMS AND CONDITIONS, AND YOU AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS.



## **UPS Systems Group Maintenance Contract**

#### TERMS AND CONDITIONS

I. CENERAL TERMS

In CAMERICAL PERSONS
The sale of services or goods under this Agreement by MEPPI is conditioned upon Customer's acceptance of these terms and conditions. Any different terms and conditions, which may be proposed by Customer, are objected to and are not binding upon MEPPI.

II. EQUIPMENT

MEPPI shall provide Preventive Maintenance ("PM") and Remedial Maintenance ("RM"), as defined in Sections III and IV below, in accordance with the Service Plan selected by Customer, on the Equipment and at the locations listed an Schedule A (the "Covered Locations").

III. PREVENTIVE MAINTENANCE

11. FRE VENTIVE MAINTEMANUE
Preventive Maintenance means the routine service required to maintain the Equipment in proper operating condition in occordance with factory specifications under normal use and service. MEPPI shall schedule a field engineer to perform PM's on a date matually convenient to Customer and MEPPI. PM's shall be performed during MEPPI's normal working hours of 8:00 a.m. to 5:00 p.m. Central Time Monday through Friday, unless

therwise specified.

IV. REMEDIAL MAINTENANCE
Remedial Maintenance means the service required to return Equipment to operating condition in accordance with factory specifications under normal use and service, where the Equipment has failed to so operate because of a manufacturing defect in materials or workmarship. MEPPI will provide RM in accordance with the Service Plan selected by Customer, following receipt of verbal or written notification from Customer of Equipment failure.

V. FIELD ENBANCEMENTS

At Customer's request, MePPI will provide Equipment enhanced field modifications are defined as material and labor used to provide an additional feature or capability of the UPS System. These services will be billed separately on a parts and labor basis.

VI. BATTERY MAINTENANCE

MEPPI's sol or expossibility for maintenance of batteries used and operated in conjunction with the Equipment is limited to clearing batteries, assuring the integrity of connectors and proper battery voltage levels. (Refer to Schedule A for Battery Maintenance responsibilities) Customer shall be solely responsible for the cost of battery CH(8) and accessory parts replacement, if required.

VII. ACCESS TO MEPPI SERVICE DEPARTMENT

MEPPI provides a twenty-four (24) hour, seven (7) days a week Service telephone number for use by Customers. (1-300-387-7830).

VIII. PARTS REPLACEMENT

teept as provided in Section XII, MEPPI shall replace all parts in accordance with the Service Plan selected by

IX. INVOICING AND PAYMENT

IX. INVOICING AND PAYMENT

Custumer shall pay the annual charges for the Service Plan selected in advance, including applicable sales/use taxes. Charges shall be payable not fallity (39) days from date of invoice. Service and repairs not covered under the Service Plan will be billed on a labor and parts basis and are payable not fallity (30) days from date of invoice. MEPPI shall provide Customer with 60 days notice of any increases in the annual service charges for nearwal of this Agreement. Any past-dua-amount shall be subject to interest at the lower of 194-per month on the highest rate permitted by-law, and Customer shall be responsible for-all-costs and expenses incurred by MEPPI, including attempts, loss and costs, in collecting past-dua invoices on-other payments.

X. LIMITED WARRANTY

MEPPI warnats that the services movided under this Autement shall be perfound in a competent.

- ALED WARKANTY

  MEPPI warrants that the services provided under this Agreement shall be performed in a competent
  manner. MEPPI further warrants that any parts furnished by MEPPI in connection with this Agreement
  shall be provided with clear title and shall be free from defects in material and worknowship at the time of
  installation.
- installation.

  MEPPI's sole and exclusive liability, and Cuntomer's sole and exclusive remedy, under these warranties
- MCPPI's solo and exclusive liability, and Customer's sole and exclusive remedy, under these warranties shall be that MCPPI', at it's sole upiten, shall adjust or repair, as soon as practicable, equipment which is not operating under normal use and service in accordance with factory specifications because of a manufacturing defect in materials or weekmanship, for the longer of the remaining term of this agreement or 90 days from the date of activitie.

  The forgoing paragraph sets forth the exclusive remedy of Customer and the sole liability of MEPPI for any and all cluims based on MEPPI's performance of services under this Agreement or for the failure of or defect in materials or services furnished under this Agreement, whether based on contract, warranty, tort (including negligence), strict liability or otherwise and is in lieu of all other warranties whether written, oral, implied, or stautory.

  Equipment not under MEPPI's original equipment warranty or a PM and RM Agreement immediately prior to the effective date of this Agreement, is subject to imspection by MEPPI to determine if it is in acceptable working condition and includes current MEPPI mandatory field multifications. Such inspection and any repairs or modifications deemed necessary by MEPPI to bring the Equipment at MEPPI's the current time and material charges.

  CLUSIONS PROM COVERAGE

- current time and material charges.

  XL EXCLUSIONS FROM COVERAGE
  Service labor and parts shall be invoiced as an additional charge to Customer at a 20% discount of MEPPI's then current labor and material fist prices if any of the following conditions occur:

  Customer attempts to maintain or repair Equipment in a manner other than, or in conflict with, this Agreement or MEPPI's specific recommendations.

  Damage to Equipment is caused by: modification, alteration, repair or service of the Equipment by anyone other than on authorized MEPPI service provider; physical abuse to, or misuse of, the Equipment in conjunction with equipment supplied by a third party; or pay damage caused by state of the Equipment in conjunction with equipment supplied by a third party; or say damage caused by sets of God such as lighthning or fluctuation in electrical power.

  Damage to Equipment results from failure to maintain facilities and Equipment in a reasonable manner. (Refer to Section XV "Customer Responsibilities")

  Parts and Labor required to maintain the equipment that is not included in the Service Plan selected by the customer.

- The MEPPI Service Engineer is dealed ready and reasonable access to Covered Location or the
- Equipment. The Equipment is repaired or serviced by a service provider who is not expressly authorized by MEPPf.

It is necessary, due to local circumstances, to use union labor or hire an outside contractor. MEPPI service personnel will provide supervision only and Customer shall be responsible for the cost of such union or contracted labor.

The cost of parts and labor to replace batteries.

- 8. The cost of parts and labor to replace batteries.

  The Equipment is moved from the Covered Location. Charges to provide Service at such other site shall be subject to mutual agreement between Customer and MEPPI.

  Cost of completing a service call that is delayed or interrupted by Customer.

  XII. EXCLUSION OF WARRANTIES AND LIMITATION OF LIABILITY.

  EXCEPT AS EXPRESSLY STATED IN THIS AGREEMENT, MEPPI MAKES NO OTHER WARRANTY, EXPRESS OR INFLIED, WITH RESPECT TO THIS PARTS OR SERVICES PROVIDED PURSUANT TO THIS AGREEMENT. ALL IMPLIED WARRANTIES INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY EXCLUDED.
- ARE HERREY EXPERSIAL YEAU DED.

  MEPPI shall not be responsible under any circumstances, either directly or indirectly, for any damage to the Equipment or any other property of Customer, nor for my injuries to or death of any person in connection with MEPPI's performance under this Agreement, except where such damage, injury or death is directly and solely attributeble to the gross negligence of MEPPI. In no event, whether in contract, warmny, tort (including negligence) or otherwise, shall MEPPI be liable to customer or any third porties for indirect, includently, special or consequentful damages of any nature or form any exuse whetsoever, including, but not limited to, loss of use of Equipment, lost production, lost profits, less of customers, cust of substitute equipment, facilities or services are down time.
- or down time.

  MEPPI's entire liability and Customer's sole and exclusive remedy for any and all claims in connection with or arising out of this Agreement or MEPPI's furnishing of the services and products described in this Agreement shall be limited to Customer's actual and direct damages, not to exceed the greater of the net book value of the Equipment (cost of Equipment less depreciation to date) or three times the annual charges for the period of coverage specified in this Agreement, reduced by any damages attributable to the negligence of Customer's
- coverage specifies in this regression, recoverage any any amount of the employees or agents.

  In no event shall MCPPI be liable for any loss or damage whatsoever arising from its failure to discover or repair latent defects or defects inherent in the design of the Equipment. Customer shall indemnify MEPPI from any and all claims for injury to or damages suffered by MEPPI's employees, agents and subcontractors while performing Services at Customer's site.

while performing Services at Customer's one.

XIII. ACCESS TO EQUIPMENT

Customer shall provide MEPPI full and free access to the Equipment at the Covered Location and shall furnish MEPPI personnel with suitable working facilities, space for storage, adequate heat, ventilation and electric power and outlets for providing service at no cost to MEPPI. Customer shall be responsible for providing MEPPI personnel a safe workplace to perform services under this Agreement.

§

XIV. DEFABLT
In addition to all other rights and remedies provided to MEPPI at law or under this Agreement, this Agreement shall terminate immediately without further notice to Costomer, if Customer is in default of any of its obligations under this Agreement, and such default continues for twenty (20) days after receipt of notice thereof.

XV. CUSTOMER RESPONSHILITIES.
Customer shall provide proper and reasonable maintenance of facilities and Equipment including, but not limited to, the

- Maintaining temperature of area where Equipment is located at or below 77°F to insure longer life of the Equipment.
  Controlling humidity so that there is no condensation.
- Keeping the Equipment trea free of corrosive atmospheres that would affect the life of the Equipment. Keeping the Equipment clean and free of loose dirt and debris.

Acting the equipment extent and nee or roses our announces.

XVI.TERM AND TERMINATION

This Agreement shall be in affect for a period of one year commencing on the effective date shown on Schedule A. Thereafter, this Agreement shall be renewed for successive one year terms unless terminated by either party giving the other party notice of termination no less than thirty (30) days prior to the expiration of the initial or any renewal term of

this Agreement.

XVII. ENTIRE AGREEMENT

The terms and conditions of this Agreement and schedules if any, attached to or referenced herein, constitute the entire agreement between the parties with respect to the subject matter contained herein. All prior and contemporaneous operements, representations, statements, negotiations, understandings and undertakings are superseded. No modifications or changes to this Agreement shall be effective unless in writing signed by authorized representatives of

This Agreement is not assignable by Customer without the prior written consent of MEPPI. Any attempt by Customer to assign any of its rights, duties or obligations under this Agreement without such consent is void. Customer asknowledgies and agrees that subcontroctors or authorized service providers selected by MEPPI may perform the services described in this Agreement.

XIX. NOTICES

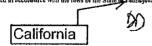
All notices and other communications required or permitted under this Agreement shall be in writing, sent by certified or registered mail, reburn receipt requested, postage prepaid, to the puries at the address first listed in this agreement or any other address as it specified for the applicable party by notice given as provided in this paragraph.

XX. MISCELANEOUS

- ISCELANEOUS

  The services provided by MEPPI under this Agreement do not assure that operation of the Equipment will be uninterrupted or error free. MEPPI shall not be liable for delay or failure to perform any service or fulfill its obligations under this Agreement due to any case beyond its reasonable control such as, but not limited to, nots God, end of civil or military authority, acts of government, labor disturbances, floods, epidemics, strikes, fires, unusually severe weather or inability to obtain or delay in obtaining parts, materials, or labor. If any provision of this Agreement is held to be invalid, illegal, or unenforceable, the validity, tegality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

  This Agreement shall be governed by and construed in accordance with the laws of the State Pennsylvania.





# **UPS Systems Group Maintenance Contract**

## UPS System Preventative Maintenance Scope of Work

## Semi-Annual System Check

## 1.) Physical Inspections

a. Visual inspection of environment for signs of impact to proper UPS operation

#### 2.) Electrical Inspections

- a. Verification of proper software version and all adjustable parameters
- b. Verification of proper cooling fan operation
- c. Verification of proper display of system values
- d. Review event/fault history menus

### 3.) System Operation Check

a. Verify UPS is supporting critical load and no alarms are present

#### 4.) Follow Through

- a. Documents and advise customer of all findings
- b. Review equipment operation and vent/fault history with customer
- c. Make adjustments or take corrective action where possible
- d. Develop a remedial action plan with customer to address major issues



# **UPS Systems Group Maintenance Contract**

## UPS System Preventative Maintenance Scope of Work

#### Annual System Checks

#### 1.) Physical Inspections

- a. Internal/external visual inspection of UPS cabinet for signs of dirt and other foreign material
- b. Visual inspection of internal components for signs of deterioration and or damage
- c. Visual inspection of internal wiring signs of looseness deterioration and or damage
- d. Visual inspection of environment for signs of impact to proper UPS operation

#### 2.) Electrical Inspections

- a. Verification of proper software versions and all adjustable parameters
- b. Verification of proper control power supply values
- c. Verification of proper converter/rectifier operation
- d. Verification of proper inverter operation
- e. Verification of proper cooling fan operation
- f. Verification of proper static/internal maintenance bypass operation
- g. Verification that system voltages and currents are within specifications
- h. Verification of proper display of system values
- i. Review event/fault history menus

#### 3.) Systems Operation Check

- a. Verification of proper inverter forward and revers manual transfer operation
- b. Verification of proper inverter forward and reverse automatic (fault) transfer operation
- c. Verification or proper external maintenance bypass operation
- d. Verification of proper emergency (back up) mode of operation (after battery check only)
- e. Verification of proper operation of peripheral products
- f. Verification of proper operation of emergency power off (EPO) test
- g. Verify UPS is supporting critical load and no alarms are present

#### 4.) Follow Through

- a. Document and advise customer of all findings
- b. Review equipment operation and event/fault history with customer
- c. Make adjustments or take corrective action where possible
- d. Develop a remedial action plan with customer to address major issues



# **UPS Systems Group Maintenance Contract**

## (VRLA) Battery System Preventative Maintenance Scope of Work

## System Checks Performed Semi-Annually

#### **Visual Inspection**

- Inspect individual battery units for sings of electrolyte leakage, venting, overheating, terminal integrity, terminal corrosion, bulging, and general cleanliness
- Check battery room or area for proper temperature and ventilation

#### Cleaning

- Battery cabinet interior/exterior free of dirt and debris
- Battery units free of dust and debris

#### Data Recording/Measurements

- Battery cabinet name plate information including date code
- · Ambient battery unit temperature at or near the highest physical location in the battery string
- DC float voltage for each individual battery unit
- Measure and record each battery units internal Ohmic values
- Temperature of the negative terminal on each battery unit
- Measure for DC ground faults

#### **Battery Charger**

Verify proper battery string float voltage and charging current per manufactures specifications

### System Checks Performed Annually

• \*Measure and record all inter-cell and main terminal cable Ohmic values. Take apart and clean any connection that has an Ohmic value less than the manufacturer's recommended value or has a value that decreased by more than 20% below the baseline value. Any loose connections that are found will be torqued to the battery manufacturer's recommended value.

\*Requires DC breaker to be opened or UPS charger to be off (contingent upon customer approval)

#### Remedial Action

• Develop remedial action plan with customer to replace battery units where test values fall outside of the battery manufactures specifications