

**Bid Document**

| <b>Bid Details</b>                                 |                                |
|--|--------------------------------|
| Bid End Date/Time                                  | 22-11-2018 11:00:00            |
| Bid Validity                                       | 90 (Days)                      |
| Ministry/State Name                                | Haryana                        |
| Department Name                                    | Agriculture Department Haryana |
| Organization Name                                  | N/a                            |
| Office Name  | Budget                         |
| Total Quantity                                     | 1                              |
| Item Category                                      | Online UPS                     |
| Average Turn Over of Last 3 Years                  | 20 Lakh (s)                    |
| Experience with Gov. Required                      | 10 Year (s)                    |
| MSE Exemption For Years Of Experience And Turnover | Yes                            |

**Online UPS ( 1 )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

| <b>Specification</b> | <b>Specification Name</b>            | <b>Values</b>                               | <b>Allowed Values</b>                       |
|----------------------|--------------------------------------|---|---|
| GENERIC              | <b>Rating in KVA (KVA)</b>           | 10.0 KVA                                    | 10.0 KVA                                    |
|                      | <b>Technology</b>                    | IGBT-PWM with inbuilt isolation transformer | IGBT-PWM with inbuilt isolation transformer |
|                      | <b>Input Power</b>                   | single phase 160V - 260V sinewave,50Hz      | single phase 160V - 260V sinewave,50Hz      |
|                      | <b>Output power</b>                  | Single phase 230V +/-1% sinewave 50 Hz      | Single phase 230V +/-1% sinewave 50 Hz      |
|                      | <b>Backup time (Minutes)</b>         | 120   | 120   |
|                      | <b>Minimum VAH (VAH)</b>             | 32000                                       | 32000                                       |
|                      | <b>Warranty for UPS (Years)</b>      | 2   | 2   |
|                      | <b>Movable trolley for Batteries</b> | Without trolley but with rack               | Without trolley but with rack               |

|                           |   |   |         |
|---------------------------|---|---|---------|
|                           | <b>Warranty for battery</b>   | 2   | 2       |
|                           | <b>Degree of Protection</b>   | IP21  | IP21    |
|                           | <b>Cabling 5 meters for input and out put</b>   | Without                                       | Without |
|                           | <b>Paralleling kit for synchronising</b>  | Without                                       | Without |
|                           | Installation and Commissioning  | Yes   | *       |
| CONSTRUCTIONAL            | Minimum thickness of M.S.Sheet Enclosure duly painted (mm)  | 1.2   | *       |
|                           | Type of Battery   | SMF-VRLA conforming to JISC:8702(Pt.I,II&III) | *       |
| FUNCTIONAL                | Maximum overshoot and Under shoot of output rated voltage   | 4   | *       |
|                           | Voltage Regulation from no load to full load (%)  |   | *       |
|                           | 20% Overload limit for minimum 10 minutes   | Yes   | *       |
|                           | Overall Efficiency (%)  | >/=90%  | *       |
|                           | Total Harmonic Distortion(THD) (%)  | Maximum 3%                                    | *       |
|                           | 50% Overload limit for minimum 1 minutes  | Yes   | *       |
| PROTECTION                | Protection for under voltage at battery terminal at 10.5V per 12 V battery.                                   | Yes   | *       |
|                           | Protection of Over voltage,Short Circuit & over load at UPS output terminal                                   | Yes   | *       |
| METERING AND INDICATIONS  | Digital Metering in UPS for AC Input Voltage,Output AC Voltage,Current,Frequency, Battery Voltage and Current | Yes   | *       |
|                           | Indicators for mains presence,Battery charging and discharging,Output Over Load, Low Battery Voltage          | Yes   | *       |
| REPORTS AND CERTIFICATION | Damp Heat : in accordance with  | Yes   | *       |

|  |     |   |
|--|-----|---|
| IS:9000(part 5/sec.2)1981 at Temperature of 40 degree C,two cycles of (12+12) hours each 2007)                         |     |   |
| Dry Heat Test : in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2007) at 55 degree C for 16 hrs              | Yes | * |
| Cold Test : in accordance with IS:9000 (Part 2/Sec.4)1977 (Reaffirmed 2007) at -10 degree C for 4 hrs.                 | Yes | * |
| Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab covering all technical requirements. | Yes | * |
| Type Test Certificate No.  | -   | * |
| Type Test Certificate date   | -   | * |
| Name of Lab  | -   | * |
| Address of Lab   | -   | * |
| As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable                | Yes | * |

\* Bold specifications are the golden parameters.

### Consignees and Quantity

| S.No. | Consignee     | Address                               | Quantity | Delivery Days |
|-------|---------------|---------------------------------------|----------|---------------|
| 1     | Rajnesh Kumar | 134116,udhyan bhawan sec 21 panchkula | 1        | 15            |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

## ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### Splitting

Bid splitting not applied.

## Buyer Specific Additional Terms and Conditions

1. **Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**