

# 구 매 규 격 서

## Commodity Description

| 종목<br>번호<br>Item No. | 관세분류<br>번호<br>HSK No. | 정부물품분류번호(8자리)<br>Korean Government<br>Commodity Classification<br>Code(eight-digit) | 품 명<br>Description                        | 단 위<br>Unit | 수 량<br>Q'ty |
|----------------------|-----------------------|---|---|-------------|-------------|
| 1                    | 9030.39.9000          | 41113677  | 75kV 내전압시험기<br>(75kV Dielectric test set) | set         | 1           |

### I. 용도(End-user's Use)

1. This equipment is used to perform AC dielectric testing for design evaluation, quality assurance and inspection of reliability and robustness on cables, switchgears, bushings, capacitors, fuses arrestors, motors etc.
2. This equipment shall be designed and build to comply with standards such as ISO/IEC, IEEE, JIS, DIN, EN, UL etc.

### II. 장비의 구성(Configurations of Goods)

1. 본체(Main body) : 1 set
2. Accessories(부속장비)
  - Power and grounding cables : 1 set

### III. 성능 및 규격(Performance and Specification)

1. Power rating(1 hr ON / 1 hr OFF) : 75 kVA or more
2. Voltage rating : 75 kV or more
3. Accuracy of voltage :  $\pm 1$  % or less
4. Output current at 75 kV(1 hr ON / 1 hr OFF) : 1 A or more
5. Accuracy of current :  $\pm 1$  % or less

6. Partial Discharge at 75 kVA : 2 pC or less
7. Input power : 440 V, 60 Hz, 1Ø
8. Control & Safety
- ① Voltage meter
  - ② Current meter
  - ③ Control power breaker
  - ④ Manual/auto output mode
  - ⑤ Test dwell timer(hour : min : sec)
  - ⑥ Ramp Rate control
  - ⑦ Switch(button) for emergency Off
  - ⑧ Overload circuit adjustable from 10% to 110% of rated current

#### IV. 기타 조건(Remarks)

1. Two copy manuals in English or Korean for operation and maintenance
2. Installation and training
  - ① Location : 84, Yeonhwa-ri, Osan-myeon, Gokseong-gun, Jeollanam-do, Republic of Korea
  - ② Installation and training should be provided by contractor's qualified engineer at the customer site.
3. Contractor shall submit a KOLAS calibration report
4. Final Acceptance Test should be done by contractor at KTC's site.
5. One year warranty after the issue of KTC's final acceptance certificate
6. The bidder have to submit the published standard brochure(or catalogue) for reviewing the bid proposal.
7. 100% by irrevocable letter of credit at sight.(90% after shipping and 10% after inspection)