

VENDOR QUERIES No.1- for North Chennai (1x800MW), Uppur (2x800 MW):

1. Battery Junction Boxes with MCCB, Volt & Ammeter is asked in scope. As per our standard Battery MCCB is provided in UPS panel. PI inform whether additional battery Junction Boxes are required.
2. Type test reports of 150 Kva UPS rating is available. PI inform whether same is acceptable.
3. As per tender requirement , 230 Kva UPS is called for. However specs calls for standard ratings as per catalog which are only acceptable (cl No 1.02.01) . Kindly clarify whether 230 Kva UPS is acceptable.
4. Overload capacity indicated is 200% for 10 sec. PI confirm whether 200% for 4 msec is acceptable
5. Panel sheet steel thickness is indicated as 2 mm in constructional features for all UPS panels and 3 mm for chargers.Charger is integral part of UPS and hence 2mm thick panel can be provided as uniform. PI confirm.
6. 1000 transfer /retransfer cycles at full load for static switches is called for. Same is not possible. PI clarify.
7. Spares list is different for both projects. PI confirm same.

BHEL POINT WISE REPLY TO QUERIES No.1:

- 1) Please provide separate Battery Junction Boxes inline with BHEL Technical specs.
- 2) Type Test reports of 150 kVA is acceptable provided is the panel size, design, Electronic Modules considered in UPS System remains the same.
- 3) It is nowhere mentioned in specs that "**standard ratings as per catalog which are only acceptable**". Kindly offer 2 x 230 kVA UPS rating, if this is your standard rating.
- 4) 200% for 4 milliseconds is not acceptable. Kindly offer inline with BHEL Technical specs.
- 5) Please note that if charger cubicle is a separate panel, then 3 mm thickness shall be provided for charger cubicles.
- 6) 1000 transfer / retransfer cycles at full load is to be conducted.
- 7) Confirmed.

VENDOR QUERIES No.2- for NSPCL Rourkela (1x250 MW) & NTPC Dadri FGD (2x490 MW) projects:

1. O & M spares for Dadri shall be common for both sets of 30 Kva UPS system. PI confirm
2. We have noted that AMC visit for 10 years is required for Dadri project. PI confirm whether visit charges shall be quoted separately for 10 years on per year basis.
3. Cable between UPS and wall mounted PDB with static switch is not in our scope.
4. For NSPCL Rourkela job, Mandatory spares is not required. PI confirm.
5. In note , FRLS ST2 PVC type cable is indicated in Rourkela job. However this cable is not required. PI confirm.

BHEL POINT WISE REPLY TO QUERIES No.2:

- 1) Yes. Confirmed.
- 2) Visit charges shall be quoted separately for 10 years on per year basis.
- 3) Cable between UPS and Wall mounted PDB with static switch is in Vendor scope. The distance shall be considered as 50 meters per run.
- 4) Yes. Confirmed
- 5) Yes. Confirmed.