

NIT_26041 dated 12.01.2016

Pre-Bid Meet on 25.01.2016

Resonant switch mode power supply for Singrauli R&M– Pre Bid Queries

Sl No	Query Description	Specification/CQR clause reference	Clarification
1	Ambient Temperature : 50 deg C	Spec:3.1.1 & 8.2	3.1.1 indicates design point for Ambient temperature of 50 deg C 8.2 indicates operating point for Ambient temperature of 40 deg C Offer shall meet the BHEL specification
2	Degree of protection: IP56	Spec:8.22 CQR:3-5-xiii, CQR:3-6-vi	For marshalling cabinet of SMPS – IP55 For SMPS Cubicle – IP56 Offer shall meet the specification
3	Double voltage and double frequency	TP110: 3.3	This test is covered under CQR:3-5-viii as induced over voltage test. It is removed from TP110. TP110 is revised
4	Disconnecting switch	Spec:8.8	External disconnecting switch will be supplied by BHEL.
5	Major components shall withstand 150% of rated KW for 60 secs for every 10 mins	Spec:7.1	Confirmed. Offer shall meet the specification
6	Scope of supply of cable for SMPS	Query from vendor	SMPS shall be kept in ESP roof top. Power Cable for 3 phase input supply and HV copper tube for connecting to disconnecting switch will be supplied by BHEL. All other cable required for SMPS shall be supplied by vendor.
7	Type of Cooling	Query from vendor	Forced cooling – air or liquid is acceptable.
8	Humidity – 95%	Spec:3.1.2	Confirmed. Offer shall meet the specification.
9	RESONANT switching frequency	Spec:2.2	Specification is revised.
10	Lightening impulse voltage test	CQR:3-5-ii	Confirmed. Offer shall meet the specification
11	Pressure relief device test(Bucholtz relay)	CQR:3-5-iv	CQR is revised. Refer revised CQR.
12	Vacuum test on tank	CQR:3-5-vi	Confirmed. Offer shall meet the specification
13	Pressure test on tank	CQR:3-5-vii	Confirmed. Offer shall meet the specification
14	Induced over voltage	CQR:3-5-viii	Confirmed. Offer shall meet the specification
15	Measurement of acoustic sound level	CQR:3-5-xii	Confirmed. Offer shall meet the specification. Specification revised. Refer revised specification
16	Erection	Query from vendor	Erection will be taken care by BHEL
17	Manufacturing of sub-components of SMPS in India	Query from vendor	Refer BHEL specification - SPEC: 1.1. SMPS shall be supplied from manufacturer. Offer shall meet the specification.
18	Delivery schedule	Query from vendor	Delivery Schedule shall be before Feb 2017. Exact delivery dates will be informed to the successful bidder in advance to meet the requirement.
19	Custom duty exemption	Query from vendor	Customs Duty exemption is not available
20	Extension for technical bid submission	Query from vendor	It is being Extended. New date will be updated on www.bhel.com
21	Discount for early supply	Query from vendor	No bonus clause for early supply is applicable. However, to meet the minimum shipping volume during despatch certain quantity can be advanced and supplied, but with due concurrence of the buyer.
22	Applicability of 95KV SMPS for 400mm pitch ESP Fields	Query from vendor	As per our design 95KV SMPS is required