

## Pre Bid Clarification No. 1 (TN-267)

**(Ref. Letter No. LTCD/EI&C/KRJ/RRVPL/Babai / 400kV / 267/001 dated 07.06.10 of M/s L&T, Chennai)**

S. No.	Volume / Book No.	Clause	Queries	Clarifications
1.	Tech. Spec, Vol.II, Part-10 (PLCC System), & Tech. Spec. Vol.II, Part-1 (Schedule of Quantities), Annex.-1	Clause-3.1, Page-2 & Clause B.6, Page-10	As per specifications, wave traps & PLCC system shall be matched with other end. However, the quantity for wave traps indicated in the schedule of quantities is meant for sending end only. Please clarify whether wave trap needs to be supplied for receiving end. The clarification is applicable for both 400kV and 220kV System.	Please adhere with the quantities as mentioned at Clause No. B.6, Annexure-I, Part-1 (Gen. Spec. & BOM), Vol.II of specification.
2.	Tech. Spec, Vol.II, Part-3 (CRP)	Clause – 11.0 (a), Page-24.	Over fluxing protection & Numerical Restricted Earth Fault protection for Transformer shall be offered as in built feature of Transformer Main protection relay. Please confirm.	As per foot Note below the Clause No. 11.0(a), Part-3 (Section-I, Volume-II of specification), In-built feature shall not be acceptable.
3.	Tech. spec., Vol.II, Part-3 (CRP)	Clause -11.0 (c), Page-25	Single Busbar protection scheme for two zones shall be provided for 400kV system and four zones shall be provided for 220kV system. Please confirm.	Please refer clause No. 7.4.1 and 7.4.2 of Part-3 (Section-I), Vol-II of Specification.
4.	Tech. spec., Vol.II, Part-3 (CRP)	Clause -11.0 (e), Page-26	Restricted Earth Fault Protection for Shunt Reactor shall be offered as on inbuilt feature of Reactor main protection relay. Please confirm.	As per foot Note below the clause No. 11.0(e), in built feature shall not be acceptable,
5.	Tech. Spec. Vol.II, Part-1 (Gen. spec. & BOM), Annexure-1.	Clause B.3 (e), Page-8.	As per specification, 6Nos. 36kV, 52kV class EMVT is given for 400/220/33kV Transformer tertiary arrangement. But as per 33kV side layout – Plan & section (Drg. No. RVPN/EHV/DRG-24), location of only 3Nos. EMVT is indicated. Please furnish location of other 3Nos. EMVT in the tertiary side.	Three Nos. EMVTs shall be commissioned at tertiary of other 400/220/33kV, 315MVA Transformer.
6.	Tech. Spec. Vol.II, Part-1 (Gen. spec. & BOM), Annexure-1.	Clause-H25, Page-25.	As per specification, 3 sets of 72.5kV, 50A single phase horn gap fuse unit is given for 400/220/33kV Transformer tertiary arrangement. But as per 33kV side layout- Plan & section (Drg. No. RVPN/EHV/DRG-24), 6Nos. 72.5kV, 50A, single phase horn gap fuse unit is indicated. Please clarify the actual requirement of 72.5kV, 50A, single phase horn gap fuse unit.	The quantity of 72.5 kV, 50 Amp. Single phase horn gap fuse unit (Three phase) is 3 set for Babai. 1 set means 3 Nos.

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7.	Vol.II, Part-1	Clause No.2.3(a) & (c)	We presume that civil work, testing & commissioning of Jaipur(North) RVPN end is not in the bidder's scope. Please confirm./	Confirmed.
8.	General		Please furnish the finished ground level for the proposed switchyard area.	Tentative FGL (for Tender purpose) of 400kV Switchyard – 105 Tentative FGL (for Tender purpose) of 220kV Switchyard – 104
9.	General		We assume that all the type test reports would be submitted on award of contract/ before dispatch of the equipments/ materials and no need to submit along with our offer. Please confirm.	As per Specification
10.	Vol.II Drawings		Please furnish the soft / Autocad format for all the tender drawings especially structure drawing and contour drawing.	As per General Practice, No drawings are provided in soft copy.
11.	Vol.III, Civil Works, Section-Civil, PageNo.4	Clause No. 3.0, 3.1,	Please provide that the soil investigation report based on the preliminary survey.	Soil Investigation is in the scope of bidder.
12.	Vol.III, Civil Works, Section-Civil, PageNo.3	Clause No. 2.0, 4.0,	Please furnish the soft / Autocad format for the tower & equipment foundation drawings for standard structures.	Drawings are legible. As per General Practice, No drawings are provided in soft copy.
13.	Vol.III, Civil Works, Section-Civil, PageNo.3	Clause No. 2.0, 5.0,	Please furnish the soft / Autocad format for road & rail cum road drawings.	The design is in the scope of bidder.
14.	Vol.III, Civil Works, Section-Civil, PageNo.3	Clause No. 2.0, 8.0,	Please furnish the soft/ Auto cad format of the rain water harvesting.	The design is in the scope of bidder.
15.	Vol.III, Civil Works, Section-Civil, PageNo.8	Clause No. 4.0	Please provide the details of demolition of any temporary / permanent building / structure / foundations in the proposed site.	As per clause No.4.0 "Site Preparation", Vol.III, the site will be handed over on " As is where is ".The bidder may visit the site.
16.	Vol.III, Civil Works, Section-Civil, PageNo.8	Clause No. 4.0	Please furnish the FGL for the proposed substation.	Tentative FGL (for Tender purpose) of 400kV Switchyard – 105 Tentative FGL (for Tender purpose) of 220kV Switchyard – 104
17.	Vol.III, Civil Works, Section-Civil, PageNo.39	Clause No. 20.0	Whether boundary wall in our scope of work or not. Please clarify. If it is in our scope please furnish the drawing for boundary wall.	Boundary wall is not in the scope of bidder.