

RFQ/NIT/Enquiry no. : 77/20/6010/RRC

Description : Technical Corrigendum - Illumination package of 2X660MW Ennore SEZ Super Critical Thermal Power Project

Sl No	Clause no	Bidders Query	BHEL Reply
Technical			
1	Clause No. - 3.15 (d) and (e), Page no: 12 of 28, Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS : Exclusions	We understand that the supply and installation of cabling and wiring including the cables, conduits and wires for receptacle type RB and RC and 3 phase exhaust fans shall be arranged by BHEL	Bidders understanding is correct.
2	Clause No. - 4.5.1.1, Page no: 17 of 28, Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS : LDB	Please arrange to provide the type of material of the enclosure of the LDBs.	LDB shall be in line with TANGEDCO LV switchgear specification Annexure-IV.
3	Clause No. - 4.6.7, Page no: 19 of 28, Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS : Exhaust fan	Please arrange to provide the detailed specification of Exhaust Fans required for Battery rooms, Toilets, Pantry & tool room etc.	Refer Annexure-A of this corrigendum
4	Clause 4.10, Page no: 20 of 28, Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS: Emergency Lighting Luminaires.	Exit lights, which has in built battery, are installed and used for emergency purposes and need to be "ON" at all time, means in normal conditons they are operated on AC supply and in case of failure of AC supply, it will automatically switched to the self contained battery. In this regard, we undersand that there is no need of switched on in case of Fire. Please confirm.	Bidders understanding is correct.
5	Clause 4.13.2, Page no: 21 of 28, Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS : Cabling	It may please be noted that the cable schedule shall be prepared only after the approval of all lighting layout drawings and once the size and length of the cable is finalised. The cable schedule shall be submitted within 2 to 3 weeks from the date of approval of all the layout drwaings.	Refer Annexure-B of this corrigendum
	Section VI Documentation and Section VII Information to be furnished along with offer, (Page no: 26 to 29), Document no: IS-1-14-2004/TS-053, Enquiry Specifications of Illumination System Package for CHP and AHS		Refer Annexure-B of this corrigendum. (Revised sections VI and VII)
6	Clause No. - 6, Page no: 25/26 of 28,Section -VII, Documentation	We understand that the time provided for the submassion and resubmission of drawings and documnts are very less. We would request you please arrange to revise the submssion/resubmsion schedule. 1. First submission : Lightinng design calculation : Within 4 weeks from the date of Kick of meeting. 2. First Submssion : OGA/GA/Data sheet/QAP/MQAP: Within 4 weeks from the date of Kick of meeting. 3. First Submssion : Type test reoprts: Within 2 weeks from the date of approval of OGA/GA/Data sheet/QAP/MQAP 4. First Submssion :Lighting and conduit layout: Within 3 weeks from the date of approval Lighting design calculation. 5. Resubmssion : Drawings and documents: Within 2 weeks from the date of comments from BHEL/Customer.	Reffere Annexure-B of this corrigendum
7	Clause No. - 7.1, Page no: 29 of 28,Section -VII, Information to be furnished along with offer:	The informations as asked in clause no 7.1 shall be provided during detailed engineering.	Reffere Annexure-B of this corrigendum. Bidder to provide listed details.
8	Annexure I, Average lux level and fixture detail: Page 2/2	We understand that the DC lighting fixtures shall be required only in the MCC buildings and not required for other araes like Junction houses, TPs, Conveyors etc. In case the DC lighting system is required other araes please arrange to provide the list of araes.	DC lighting is required at Control room, MCC Building, DCS/RIO room as per Lux level mentioned in Annexure-I. DC Lighting to be provided at strategic locations at each floor, exit, stair case, including operating area, area mentioned elsewhere in the specification for buildings / area listed in Section-IV Table-1 of Technical specification.

9	Annexure I, Average lux level and fixture detail: Lux level required for DC lighting: Page 2/2	It may please be noted that it is very difficult to achieve the lux level as mentioned (i.e 50 and 20 lux) in the control room and other areas. In general, the DC lighting fixtures are provided in the strategic locations for emergency purposes. Please clarify.	Bidder to follow specification
10	Drawing No. IS-1-GA-688-111-M093 & M094	In this drawing it is not clear that Conveyor BCZ - 1A/B & Conveyor SFC-1A/B is open type or closed type. If the same is closed type please arrange to provide the height of the conveyor.	Bidder to refer Annexure-XVI-57 IS-1-GA-688-101-M003 for cross section of Conveyor.
11	Drawing No. - IS-4-GA-688-108-M217	Please arrange to provide the height of Covered Stockyard as the same is not mentioned in the drawing.	Please find attached Autocad drawing for Covered Shed. Height of the shed is 42mtrs. Design of shed is under process, actual height shall be provided during detailed engineering.
12	Annexure XII: Mandatory Spare List: SI no: 2.2	The quantity as mentioned is 300% which seems on very higher side. Please review and confirm.	Bidder to follow specification
13	Annexure XI: Approved Make List: SI no: 1, 2 and 9	We are manufacturer of MLDB,PDB,WDB, Panels and are supplying the panels to various power houses for our customers and as such request you please arrange to add Bidder make for supply of the panels/DBs.	Bidder to follow specification. Additional vendor approval after PO placement subjected to customer approval.
14	Clause 4.4 Design Criteria, Section IV of technical enquiry specification. Additional Point		1. Provide switching ON/OFF feature for the outdoor periphery lights. Switching ON/OFF from LP is not acceptable. 2. Lighting panels to be located at entrance of buildings.
15	Clause 4.9.3, Section IV of Technical Enquiry Specification		Shall be read as: "8 SWG GS wire for earthing of lighting fixtures, receptacles, conduits switch boxes. 8 SWG GS wire for earthing of junction boxes, lighting poles. 25 x 6mm or 35x6 mm size galvanized MS flat for earthing of lighting panels."
16	General Information		With reference to Plot plan Annexure-XIV of technical specification, Bidder to note that Conveyors SFC-1A/B, BCZ-1A/B, TPH-1, JTB-3, JTB-4, ERZ MCC, PMZ pump house are located outside plant boundary. Approximately 3.5km away from main plant.

Enclosures- 1- Annexure-A (1 Sheet)
2- Annexure-B (3 Sheets)