Corrigendum -1 Dt Apr 25, 2014 to Tender specification BHEL: PSSR: SCT 1552

The clarifications issued by BHEL for the queries raised by a bidder are mentioned below:

Sl no	Rate schedule ID	Query raised by Bidder	Clarification issued by BHEL
1.	1.9.1.2	Confirmation shall be cleared whether to use 3 nos. of load break switches outdoor type 11 kV for in & out cabling and protection.	Supply of outdoor type 11 KV pillar Box as per IS (as per enclosed drawing) with a provision to connect one No. incoming and two Nos. outgoing 11 kV power supply from 630A load break switches including supply of HT termination kits, earthing materials etc.
2.	1.9.1.2	410SP55 Swaged pole as per IS 1161-1979-UTS is considered, please confirm.	410SP55 Swaged pole as per IS 2713 (as per the drawing enclosed) is acceptable.
3.	1.9.1.3	The item for non-integral control gear in whether proof box to be fixed separately in street light pole is missing - Please confirm	The description is revised as below: Supply of Flood lighting fixtures of Compact, sturdy general purpose floodlight with Non integral control gear box, weather proof suitable high pressure Metal Halide lamp 400W. **Inclusive of Separate weather proof control gearbox.** Vendor shall specify the make for which he is quoting. Make: (to be filled by bidder)

Sl no	Rate schedule ID	Query raised by Bidder	Clarification issued by BHEL
4.	1.9.1.16	a) In LDB the O/G are mentioned as MCB / ELCB. MCB is acceptable and instead of ELCB, CEA will insist for ELMCB of 30mA for street light / portable equipments purpose and also confirm the 10kA MCBs whether will with stand for short circuit for LTUG cable of various sizes proposed. b) The incoming source for the LDBs having EB and DG should be of FP(four pole) only as against TPN and are mannual change over switches. Please clarify	a)In LDB the O/G may be MCB or ELCB as applicable. In case of ELCB the rating may be 40A, the leakage current may be 100mA for street light poles/ equipment's purpose. 10kA MCBs are acceptable, b) The incoming source for the LDBs having EB and DG should be of FP only as against TPN and are manual change over switches is acceptable.
5.	1.9.1.17	a) In LDB the O/G are mentioned as MCB / ELCB. MCB is acceptable and instead of ELCB, CEA will insist for ELMCB of 30mA for street light / portable equipments purpose and also confirm the 10kA MCBs whether will with stand for short circuit for LTUG cable of various sizes proposed. b) The incoming source for the LDBs having EB and DG should be of FP(four pole) only as against TPN and are mannual change over switches. Please clarify	a)In LDB the O/G may be MCB or ELCB as applicable. In case of ELCB the rating may be 40A, the leakage current may be 100mA for street light poles/ equipment's purpose. 10kA MCBs are acceptable, b) The incoming source for the LDBs having EB and DG should be of FP only as against TPN and are manual change over switches is acceptable.

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6.	1.91.18	a) In LDB the O/G are mentioned as MCB / ELCB. MCB is acceptable and instead of ELCB, CEA will insist for ELMCB of 30mA for street light / portable equipments purpose and also confirm the 10kA MCBs whether will with stand for short circuit for LTUG cable of various sizes proposed. b) The incoming source for the LDBs having EB and DG should be of FP(four pole) only as against TPN and are mannual change over switches. Please clarify	a)In LDB the O/G may be MCB or ELCB as applicable. In case of ELCB the rating may be 40A, the leakage current may be 100mA for street light poles/ equipment's purpose. 10kA MCBs are acceptable, b) The incoming source for the LDBs having EB and DG should be of FP only as against TPN and are manual change over switches is acceptable.
7.	1.9.1.19, 1.9.1.20,	The distance towards transporting the Conventional 11kV / 433V Kiosk, transformer etc. is not mentioned. The same shall be furnished	The distance towards transporting is approximately eight kilometre. Bidders' site visit before quoting already forms the part of the tender clauses.
8.	1.9.1.21, 1.9.1.22, 1.9.1.23	The scope of the contractor to provide 9 inch brick on either side of the cable on length wise and top covered on breadth wise for cable protection. Please confirm.	The scope of the contractor to provide 9 inch brick on top covered on breadth wise for cable protection. Side covering of cables is not envisaged.
9.		Since the work is for NLC for 2 x 500 MW NNTPS, Excemption of excise duty for the major items is feasible against valid documents. Please confirm	Exemption of excise duty is not feasible.

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10.		Bank gaurantee towards EMD shall be accepted instead of DD / Bankers Cheque as BG is equivalent to Cash. Please confirm	Bank guarantee towards EMD shall not be accepted.
11.		Is Exemption of EMD for NSIC certificate holders applicable?	Exemption of EMD for NSIC certificate holders is permitted.
12.		Which approval is to be obtained for electrical installations whether it is State or Central Electricity Authority?	Approval is to be obtained from Central Electricity Authority.
13.		Whether 'HT Electrical Contractor License' valid in any State will satisfy the PQR clause B.3. (refer notice InvitingTender)	Yes. It will satisfy the PQR clause B.3
14.		In the drawing no PEEC 2310 the height of the swaged pole is mentioned as 5800+3600+3600 (sum 13000) and 9000+ 2000 (sum 11000) Please clarify.	The total height of the pole should be 11 Mtr. Including the 2 Mtr. Underground portion. The bottom length should be 5.6 Mtr. and the remaining portions (middle & top) should be 2.7 Mtr. Each. However the dia and thickness should be in line with the IS 2713 (410 SP-55)
15.		Some details are not clearly mentioned in the pillar box drawing. Please mention the missing details	The drawings are for illustrative and information purpose only.
16.		In drawing no PS-ELEC-005 C.I pipe is mentioned in the earth pit. Whether GI Pipes in earth pit can be used in place of CI pipes.	Heavy Duty 50mm dia GI pipes are acceptable.

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17.	1.9.1.24, 1.9.1.25 Technical Conditions of Contract (TCC) clause no: 1.13.3.8.1 : Conventional type substations	**2) Contractor scope of work for each 11 KV/ 433 V substation: Point No.O:** "Lump sum rate shall be quoted for 11 KV/433 V Substation which shall cover all the works **including supply as mentioned above** and elsewhere in the contract" In the Price Bid Sl No.24 & 25, Lump Sum Price including supply of all the materials is to be quoted. If that be so, it is not clear why the supply price of items mentioned in Sl No.03 to 15 of Price bid (Lighting Poles, Lighting Fixtures, Earthing Materials Etc) has been asked..? Please clarify whether we have to supply these items in addition to similar items included at Sr No.24 & 25.	a. For conventional type sub-station installation - the bidder has to carry out the works as similar to mobile skid mounted sub-station. However the HT pillar box installation has to be done in line with Sl.No.26 of price bid. The price for HT pillar box installation need not to be included in the conventional type SS installation. The materials as required for civil works, gate, fencing, light/ lightening post etc are to be included in the installation cost of sub-station (SS) of both Conventional SS & MSM SS except the Sl.No. 15 of price bid i.e. 65X10mm GI earth flat will be provided by BHEL for earthing purposes of SS at free of cost. b. Supply of Sl.No. 3 to 14 is required for installation of 40 Nos. lighting poles in line with Sl.No.27 of price bid. The scope of work is as detailed in page No. 65/150 (Rate schedule ID – 1.9.1.27). The GI pipes will be used for laying of HT/ LT power cables wherever road crossing are exist.

All other terms and conditions remain unaltered.

For and on behalf of Bharat heavy Electricals Ltd.,

Manager / Sub Contracts Dept