

Ref: BHE/PW/PUR/SLPP-CVL/450/Amd-01

Dated: Aug 23, 2006

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To
All Bidders

Dear Sir,

SUB : Amendment-01- Construction Power- Reg

JOB:. Civil, Structural And Architectural Works For (Power Block/BTG Package) Like TG, Boiler, ESP And ESP Control Room ,Mill And Bunkar Bay Etc. Complete At Bhilai Electric Supply Company Private Limited, Expansion Of Bhilai Power Project (2x250mw), Unit 1& 2 At Bhilai, Dist- Durg (Chattisgarh) TENDER SPECIFICATION NO **BHE/PW/PUR/SLPP-CVL/450.**

Dear Sir,

Bidders may please refer Technical Bid, Part-I, Vol- I, Section- 05, Clause no 5.7.1 for Construction Power. **The clause no 5.7.1 of Technical Bid, Part-I is amended as below.**

5.7.1(Amd-01) CONSTRUCTION POWER DISTRIBUTION NET WORK & ENERGY CHARGES

1.0 BREIF DESCRIPTION OF CONSTRUCTION POWER DISTRIBUTION NET WORK.

M/s GIPCL is providing construction power a single point at 11 KV through GEB distribution system. Further arrangement for stepping down from 11 KV to 0.415 KV shall be made by BHEL by installing the transformer sub stations 1000KVA/ 500 KVA, 11/0.415 KV and LT distribution board with out going feeders of different rating.

2.0 CONTRACTOR'S OBLIGATION –

1. BHEL shall provide construction power on chargeable basis. The power shall be provided from the respective distribution board of sub station. It shall be provided at single point / source and further distribution for their use shall be in contractor's scope. Radial cable route length shall be approximately 500 meters from the transformer sub stations. Contractor shall make necessary arrangement for tapping the power from sub station board at his cost as per the following details (Refer enclosed sketch No. I)
 - a) Contractor shall install Metering Panel suitable for out door installation with locking arrangement within the premises of BHEL Transformer Sub Station. Metering Panel should have provision of bus bars (3 Phase & Neutral), Energy Meter CT operated for metering the power consumption for three-phase four wires System. The CT ratio 400/ 1 or 5 Amps. Preferably meter should be of M/s L&T Make Digital Energy Meter Type ER-300p, CTR 400/5 Amps, 3 phase, 4 wire connection
 - b) Contractor shall carry out necessary cabling from BHEL 's ACDB to Metering Panel & from Metering Panel to Contractor's ACDB which is to be installed near to their load center.
 - c) Contractors are advised that they should install power factor improvement devices in their ACDB for improvement of power factor in order to achieve the system stability in distribution network.

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- d) Once the contractor's feeder is charged, only authorized person shall be allowed to access the metering panel with due permission of BHEL's Engineer.
- e) In case energy meter installed by you become defective due to unforeseen reasons, it should be brought to the notice of BHEL Site Engineer and immediate replacement is to be arranged, however the recovery of the power consumed, for the period/ duration of the outage of meter, shall on the basis of past average consumption & bidding up on the contractor.

3.0 Recovery of Energy Charges –Contractor shall submit daily power consumption report in prescribed format, however meter reading shall be jointly recorded for monthly power consumption from first day to last day of month or as per billing duration as prescribed by GIPCL. Energy consumption shall be recovered from the running bills as per meter reading jointly recorded and it shall be charged **@ Rs.12.50** per unit (KWH) of consumption. Per unit rate is inclusive of all taxes & duties.

4.0 Contractor shall ensure compliance of statutory requirement for his electrical installation and power shall be given after submission of test report for installation as per the requirement of Statutory Authority and expenses towards the certification of installation shall be borne by contractor.

Bidders may please download these documents from web and enclose copy of same with technical bid duly signed by your authorized signatory and stamped with official seal as a token of your unqualified acceptance of this amendment .

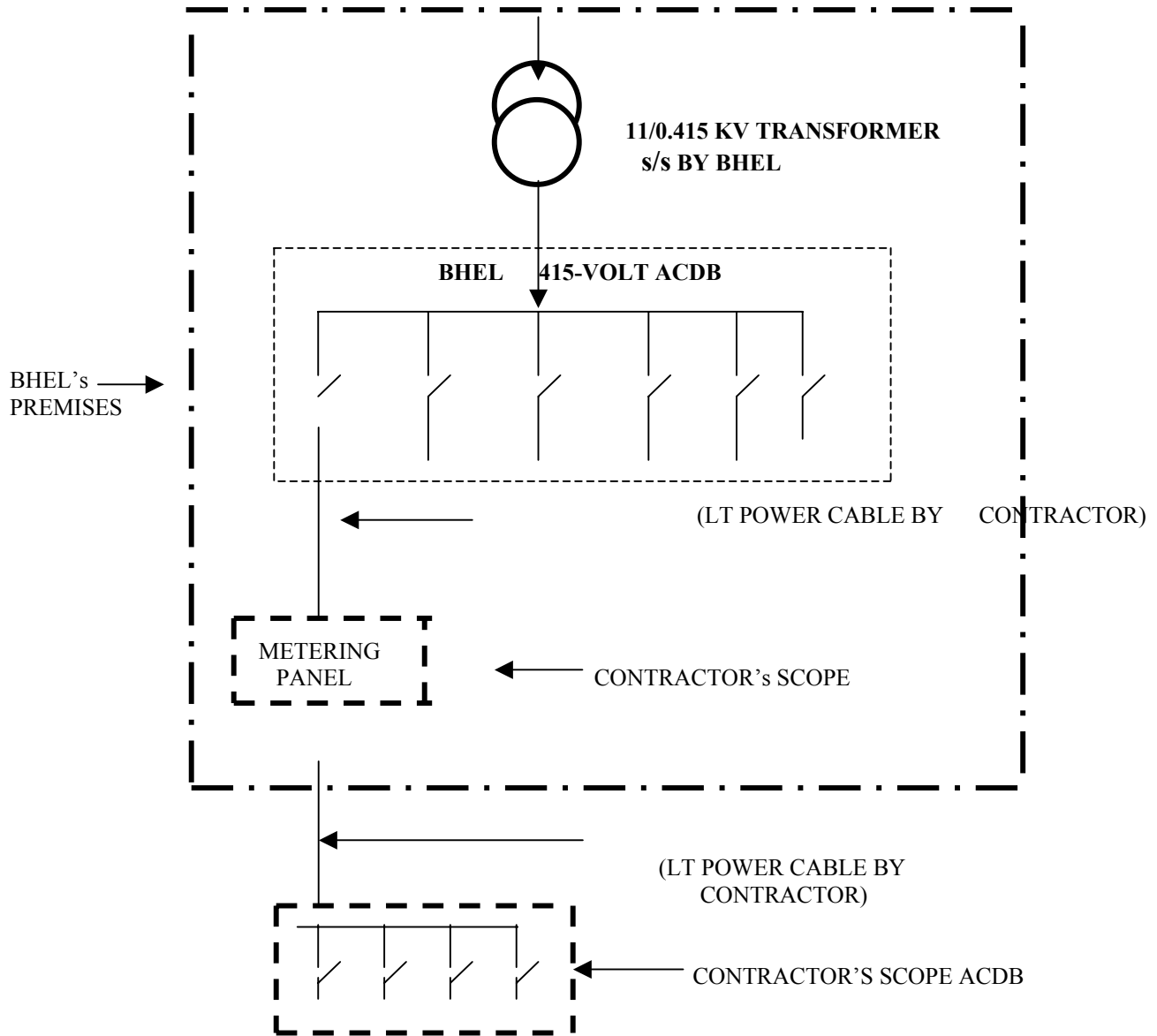
All other terms & condition of the tender specification shall remain unchanged unless and otherwise expressly amended by BHEL.

Thanking you.

Yours faithfully

S.M.BORKAR
SR. MANAGER (PURCHASE)

SINGLE LINE DIAGRAM FOR 11/0.415 KV CONSTRUCTION POWER DISTRIBUTION (A TYPICAL ARRANGEMENT)



SKETCH NO.-I