

NTC/SRO/CPC/HARMONIC/ JAN 19

Dt: 02.01.2019

**CORRIGENDUM**

Sub: "HARMONIC FILTERS ACTIVE /PASSIVE IN PIONEER SPINNERS ONE OF THE SRO UNIT MILLS".- Pre- Bid Meeting held on 31.12.2018 Queries asked and Clarification offered –Reg.

Tender Ref.No NTC/SRO/CPC/SRO/PION/HARMONIC-FILTER/18 Dt: 21.12.2018

In the pre-bid meeting held on 31.12.2018 in relation to the above tender, the prospective tenderers who have attended the meeting have raised certain queries which are clarified as follows and the same are incorporated in the tender document in detail as below.

| S.No. | Tender Queries- as existing   | Queries clarified and amendment in tender   |
|-------|---|---|
| 01    | <p><b>ELIGIBILITY CRITERIA FOR PARTICIPATION IN TENDER.</b></p> <p>The tenderer should have satisfactorily completed at least three works of similar nature in /Private /Central Govt/ State Govt /PSU in any Textile industrial units...</p>   | <p><b>ELIGIBILITY CRITERIA FOR PARTICIPATION IN TENDER.</b></p> <p>The tenderer should have satisfactorily completed at least three works of similar nature in /Private /Central Govt/ State Govt /PSU in any industrial units.</p>   |
| 02    | <p><b><u>Norms and Limit for Harmonics:-</u></b></p> <p>The adequate Harmonics filters (Active/Passive) to be installed and to avoid the dumping of Harmonics level beyond limits as specified below as follows :</p> <ul style="list-style-type: none"> <li>. Total Harmonic Distortion for Voltage ( V THD ) should be less than - 4%</li> <li>Individual order harmonic in Voltage should not exceed - 2%</li> <li>Total Harmonic Distortion for Current Harmonics should be less than - 6%</li> </ul> | <p><b><u>Norms and Limit for Harmonics:-</u></b></p> <p>The adequate Harmonics filters (Active/Passive) to be installed and to avoid the dumping of Harmonics level beyond limits as specified below as follows :</p> <ul style="list-style-type: none"> <li>Total Harmonic Distortion for Voltage ( V THD ) should be less than - 5%</li> <li>Individual order harmonic in Voltage should not exceed - 3%</li> <li>Total Harmonic Distortion for Current Harmonics should be less than - 6% (TDD)</li> </ul> |
| 03    | <p><b>Technical Specification Passive Harmonics filter</b></p> <p><b>Point: 07</b> 5.67%, Copper Wound reactor, as per IEC 60076-6 440V, 50Hz Class H, Ambient Temp upto 50°C , Low loss, with Over Temp trip connector</p>   | <p><b>Technical Specification Passive Harmonics filter</b></p> <p><b>Point: 07</b> Copper Wound reactor, as per IEC 60076-6 440V, 50Hz Class H, Ambient Temp upto 50°C , Low loss, with Over Temp trip connector<br/> <b>(the reactors value of 5.67% is removed)</b></p>   |
| 04    | <p><b>Technical Specification Passive Harmonics filter</b></p> <p><b>Point 11:</b> APFC Relay 6 step/ 8 step /12 step, 440 V , 5 A</p>  | <p><b>Technical Specification Passive Harmonics filter</b></p> <p><b>Point 11:</b> Dynamic with multiple steps /Static.</p>   |

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|----|---|--|
| 05 | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 3.</b> THDi at PCC point &lt;4-5% After Installation of harmonic suppression unit to meet TANGEDCO norms and meeting IEEE 519 Std Measurement to be done using Class -A accuracy meter as required by TANGEDCO</p> | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 3.</b> THDi at PCC point &lt;6 % After Installation of harmonic suppression unit to meet TANGEDCO norms and meeting IEEE 519 Std Measurement to be done using Class -A accuracy meter as required by TANGEDCO</p> |
| 06 | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 26 Panel Specification :</b></p> <p>Rittal or equally reputed make, Dip coat-primed, powder coated.</p>  | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 26 Panel Specification :</b></p> <p>Any standard make or equally reputed make, Dip coat-primed, powder-coated .</p>   |
| 07 | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 13.</b> Adaptivity to load variation Should respond to all load conditions</p>   | <p><b>Technical Specification Active Harmonics Filters:-</b></p> <p><b>Point 13.</b> Adaptivity to load variation Should respond to all load 75% to 90% and at the maximum load of 3000 KVA (full load).</p>   |

Tenderers are advised to submit by way of soft copy their price bids only on E-Box through our E.mail ID : [purchase.ntcsro@ntcltd.org](mailto:purchase.ntcsro@ntcltd.org) on 21.01.2019 upto 3.00 P.M.