

**BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD**

(A Govt. of Bihar undertaking)

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**CORRIGENDUM -3**

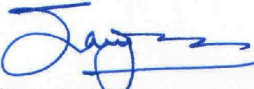
With reference to NIT No 22/2015-16 For "supply installation and maintenance of I.T. Infrastructure (Establishment of computer lab, Hardware, including desktops, P.C. sharing kit, networking equipment, operating system (GUI)/Office suit and Applications software, furniture and trainer etc.) in the schools across rural and urban areas of Bihar in an efficient and effective manner on Build Own Operate And Transfer Model (BOOT) for five years" through e tendering web site www.eproc.bihar.gov.in the following amendment have been made as below based on the discussion during pre-bid meeting held on 28<sup>th</sup> Sep 2015 at BSEIDC Ltd.

S. No	Particulars	Page No. & Clause No	Existing Provision	Amended Provision
01	Genset	Page No. 28 item no. 9 under clause Equipment to be supplied at each of the locations	5kVA single phase Silent Generator set having: 1. Type of Engine : Air Cooled ( Direct Injection) 2. Gross BHP : 11.5 @ 1500 RPM 3. Type & Class of Governing : Mechanical, A1 4. Aspiration: Naturally Aspirated 5. Alternator Type : Brushless, Insulation Class H 6. ISO -9001: 2000 & ISO 14001 Certification 7. B.I.S. Certification mandatory 8. Confirming to CPCB- II Norms 9. Fuel to be used for DG Set must be HSD (High Speed Diesel)	3KVA single phase Silent Generator set having: 1. Type of Engine : Air Cooled / Water Cooled ( Direct Injection in case Diesel genset is supplied) 2. Minimum Gross BHP : 6 Speed - 1500 RPM or higher 3. Type & Class of Governing : Mechanical, A1 for Diesel Engine 4. Aspiration: Naturally Aspirated 5. Alternator Type : Brushless, Insulation Class H 6. ISO -9001: 2000 & ISO 14001 Certification 7. B.I.S. Certification mandatory for Diesel Engines 8. Confirming to CPCB- II Norms for genset 9. Fuel to be used for genset may be HSD (High Speed Diesel) / Petrol

			<p>10. Minimum output rating of 5kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer, fans, lights etc inside the computer room during the four hours of computer teaching.</p> <p>11. The output voltage of DG Set should vary with in the specified limits of plus or minus 10%</p> <p>12. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>13. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure, High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>	<p>10. Minimum output rating of 3 kVA operations on single phase with automatic starting with in one minute of power failure and a changeover switch. It is the responsibility of the bidder to ensure that the generator supplied to school enables continuous running of all computers and equipment including printer, fans, lights etc inside the computer room during the four hours of computer teaching</p> <p>11. The output voltage of Gen Set should vary with in the specified limits of plus or minus 10%</p> <p>12. The maximum permissible sound level shall be 75 dBA at 1 meter from the enclosure/canopy surface</p> <p>13. Protection for Frequency/ Speed Overload, Low Lube Oil Pressure, High Cylinder Temperature, Low Fuel Level, Exhaust Fan Failure, Charging Alternator/V-Belt Failure etc</p>
02	LCD /LED TV 40" or higher	Page No. 27 item no. 3 under clause Equipment to be supplied at each of the locations	<p>40"or higher LCD TV with Composite AV Port (1 Video &amp; 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio 30000:1, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input,HDMI Interface, USB/DVI port as a feature to directly run JPG,MP3 &amp; Video files from USB device, SVGA port.</p> <p>178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school. This TV needs to be supplied with floor stand/ wall mount with</p>	<p>40"or higher LCD/LED TV with Composite/<b>Component</b> AV Port (1 Video &amp; 2 Audio), Brightness: Min. 450 cd/sq. mtrs, Dynamic contrast ratio <b>200000:1</b>, Full HD 1080P, Resolution: 1920 x 1080, Inbuilt speakers of min. 10 + 10 watts or more, stereo sound, PC input,HDMI Interface, USB/DVI port as a feature to directly run JPG,MP3 &amp; Video files from USB device, SVGA port.</p> <p>178 degree viewing angle. This TV should be capable to be directly connected to a Computer for Audio-video use in school. This TV needs to be supplied with <b>wall mount</b> with VESA mount capable of</p>

			VESA mount capable of horizontal & vertical mount of TV. 5star and above energy star (MS/SS structure), In case of floor stand should be at least 5 ft. from ground	horizontal mount of TV. The LCD/LED TV should be BIS certified for manufacturing in India and it should also have Energy star 6.0 or above certification. (MS/SS structure), In case of floor stand should be at least 5 ft. from ground
03	Laser printer, Scanner & Copier	Page No. 27 item no. 5 under clause Equipment to be supplied at each of the locations	Multi Functional Laser Printer with facility of print, scan, copy speed 16 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification	Multi Functional Laser Printer with facility of print, scan, copy speed 18 PPM or higher, 1200 DPI, 64 MB RAM, ISO 9001: 2000 Certification
04	Computer education consumable	Page No. 31 item no. 20 under clause Equipment to be supplied at each of the locations	1 new cartridge and 2 refills per year per Lab per school for multifunctional printer 50 Blank CDs(Rewritable) per year Per school	3 new cartridge per year per Lab per school for multifunctional printer 1 TB External Harddisk with case cover having USB port per school
05	E-Content	Page No. 30 item no. 17 under clause Equipment to be supplied at each of the locations	E-Content in Maths, Science ,Social Science, English & Hindi	E-Content in Maths, Science ,Social Science, English & Hindi of Std. 9 <sup>th</sup> & 10 <sup>th</sup> /Any 5 subjects of Std. 11 <sup>th</sup> & 12 <sup>th</sup> except commerce.
06	Integrated Group Learning Device(IGLD)	As per corrigendum dated 07.09.2015	<p><b>A. As a single unit having following System</b></p> <p><b>Projection System:</b> Brightness: 2500 - ANSI Lumens (SVGA) Short Throw; Contrast Ratio: 2500:1; Lamp Life: 4000 Hrs (Economy Mode);</p> <p><b>Computing System:</b> CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory; RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8</p> <p style="text-align: center;">Or</p> <p><b>B. As separate units with compatibility</b></p> <p><b>Projection System:</b> Brightness: 2800 - ANSI Lumens (XGA) Short Throw; Contrast Ratio: 3000:1; Lamp Life: 10000</p>	<p><b>A. As a single unit having following System</b></p> <p><b>Projection System:</b> Brightness: 2800 &amp; above - ANSI Lumens (XGA &amp; above) Short Throw; Contrast Ratio: 3000:1; Lamp Life: 10000 Hrs (Economy Mode);</p> <p><b>Computing System:</b> CPU: Dual Core, clock speed: 2.0GHz and above, Cache: 3MB Memory: RAM:4GB; HDD: 500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output; Ports: 4; LAN: 1x Gbps, Windows 8</p> <p style="text-align: center;">Or</p> <p><b>B. As separate units with compatibility</b></p> <p><b>Projection System:</b> Brightness: 2800 &amp; above - ANSI Lumens (XGA &amp; above) Short Throw; Contrast Ratio: 3000:1;</p>

			<p>Hrs (Economy Mode);</p> <p><b>Computing System:</b>  CPU: Dual Core, clock speed:1.40GHz and above, Cache: 3MB Memory:  RAM:4GB;HDD:500 GB; Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output(either inbuilt or external); Ports: 4; LAN: 1x Gbps, Windows 8, <b>Wireless network interface controller</b></p>	<p>Lamp Life: 10000 Hrs (Economy Mode);</p> <p><b>Computing System ( Laptop):</b>  CPU: Dual Core, clock speed: <b>2.0GHz</b> and above, <b>OEM Motherboard and chipset</b> Cache: 3MB Memory: RAM:4GB;HDD:500 GB Graphics: Integrated Graphics ; Optical Drive; DVD RW; Audio: 30 Watts audio output(either inbuilt or external); Ports: 4; LAN: 1x Gbps, Windows 8, <b>14"(35.56 cm) or above TFT active Matrix Wide Screen Display. Integrated wireless 802.11 b/g/n, carry case &amp; Power Adapter.</b></p>
7	Third Party Evaluation			<p>As per ICT@School Guideline Third Party Evaluation will be done by Third party Auditor (TPA) for Evaluation according to scope of work mentioned in RFP.</p>

  
Managing Director