

Corrigendum

Name Of work:-Construction of Auditorium for AIIMS Patna

(SH: Supply Installation, Testing & Commissioning of Stage Lightening & Stage Craft and Interior Acoustic works, False Ceiling Electrical & Fire Detection works)

NIT No. AIIMS/PAT/SE/CIVIL/2018-19/AUDI/04.

The following corrigendum may be issued on website:-

Sr. No.	BOQ Item No.	ORIGINAL TENDER DOCUMENT	Qty Nos	CHANGED/ MAY BE READ AS
1.				Raceway/Conduit system for public address /CCTV/Audio/Video system shall be provided before execution of the wall panel/ ceiling for purpose of wiring is within the scope of work.
2.		In page 20 of technical specification “Addressable Fire Alarm Detection System”		Conventional Fire Alarm System and their specification should be followed.
3.	(a)	IN PART- D PAGE 1 In serial no. 33(a) Hardwood flooring the approved make in serial no. 22 Square foot/pergo/Armstrong		IN PART- D PAGE 1 In serial no. 33(a) Hardwood flooring the approved make in serial no. 22 Square foot/pergo/Armstrong/CCIL
	(b)	page no- 13, BOQ no- 41 make- Avolites/liteputer/Zero88		page no- 13, BOQ no- 41 make- Avolites/liteputer/Zero88/ Philips
	(c)	page no- 13, BOQ no- 42 make- Mayur/ Omphile/ Raymonds		page no- 13, BOQ no- 42 make- Mayur/ Omphile/ Raymonds/ Reliance
	(d)			<u>Price Bid may be submitted in Microsoft Office Excel Format</u>

04.	03. Page2	<p>SITC of 1000W CE Certified halogen Fresnel spot light providing illumination of 28000 lux at 2 mt in spot at 10° beam angle while 4600 lux at 2 mt when operated in flood at 48° beam angle, dimension as 290 x 405 x 290mm, 150mm aid German lens, weight of 4.6Kg, Gx9.5 base lamp socket, power cord with 16amps 3 pin CEE plug and normal yoke but without lamp and accessories. • Lamp - 1000W 230V single ended lamp • Power supply - 230-240V AC, • Lamp Socket - Gx9.5 • Power cable - 3 core 1.5 sq. mm. copper PVC insulated, • Housing - Light weight, rugged and reliable both indoor and outdoor, Robust per-treated fabricated housing with die cast component and epoxy polyester powder coated, • Distribution - Delivers smooth uniform field across the entire spread from spot to flood focusing, • Switching options - Local control and Digital DMX control through Dimmer, • Dimming option - Digital DMX control through Dimmer, • Reflector - Spherical high reflective aluminium anodized, • Yoke - Fabricated using MS flat-accepts mounting on 16mm spud, • Focus - controlled by front & rear thermoplastic knob. The work shall be completed in all respect as per sound engineering practice & Direction of EIC. Make : Canara Lighting / ARRI // philips / osram / Desisti /leksa</p>	12	<p>SITC of 200W LED Fresnel spot light with 200mm dia German Lens with specifications as below.</p> <ul style="list-style-type: none"> • Lamp power – 200W • Power supply – 100-240 AC, 50/60 Hz • Power cable - 3 core 1.5 sq. mm. copper PVC insulated • Colour Temperature: 3200K • CRI > 95 • TLCI>90 • Dimming – 0-100% through manual and DMX • Spot – Flood focus adjustment : Motorized • Beam Angle – 10°-50° • LUX at 2m: 38,270 at 10°, 3,557 at 50° • Protection rating – IP20 • Dimension – 250 x 390 x 295mm • Weight – 8.5Kg • Certification: CE <p>The work shall be complete in all respect as per sound engineering practice and direction of EIC Make : Canara Lighting / ARRI / Philips / osram / Desisti /leksa/Effectron</p>
05.	04. Page2	<p>SITC of 1000W CE certified spun aluminium PARCAN providing illumination of 48188 lux at 2 mt in spot while 18500 lux at 2 mt when operated in flood made out of spun aluminium 16 SWG in 2 piece cylindrical construction with punched slot on Par can housing for natural ventilation and floating ceramic GX16d base lamp socket, copper flexible PVC insulated power cable with 3 pin CEE plug, Yoke made of MS flat 25 X 3mm with 13mm free mounting hole to fit the adapter, spigot with 28mm and filter frame but without lamp. • "Lamp: 1000W 240V PAR-64, • Lamp Socket: Ceramic type GX 16D. • Power Cable: 3 core, 1 Squirm copper PVC insulated flexible cable</p>	<p>SITC of 100W LED PARCAN with below specifications:</p> <ul style="list-style-type: none"> • Lamp power - 100W • Power supply - 100-240 AC, 50/60 Hz • Channels: 2 channel DMX 512 • Control: Manual, DMX • Color Temperature: 3000K • CRI > 90 • Function: Dimming, Strobe • Dimming: 0-100% • Beam Angle - 15/20° • Protection rating - IP20 • Dimension - 420 x 280 x 452mm • Weight – 4.5 Kgs <p>The work shall be complete in all respect as per sound engineering practice and direction of EIC Make : Canara Lighting / ARRI / philips</p>	

		<p>with 10 amps double pole toggle switch,</p> <ul style="list-style-type: none"> • Housing: Aluminium sheet cylindrical construction with black epoxy polyester powder coated", • "Switching options: Local control and Digital DMX control through Dimmer, • Dimming option: Digital DMX control through Dimmer, • Yoke: Fabricated using MS flat-accepts mounting on 28mm spud • Focus: Sealed beam angle, • Accessories: Filter frame. <p>The work shall be completed in all respect as per sound engineering practice & Direction of EIC.</p> <p>Make : Canara Lighting / ARRI / philips / osram / Desisti /leksa</p>	20	/ osram / Desisti /leksa/ Effectron
06.	08. Page4	<p>SITC of 240W LED wash light complete with 1080pcs RGB Tri colour LED DMX, Master/Slave, Sound Active mode control through 5 pin XLR dimming option from 0 - 100%. • Light Source : 1080pcs RGB Tri colour LED,</p> <ul style="list-style-type: none"> • Operation Modes : 4 DmX Modes of operation 1/3/4/6 channels, • Beam Angle:135°, • Power Consumption : 247W, • Power Voltage : AC 240V, 50Hz, • Display : LED Display, • Control Modes : DMX, Master/Slave, Sound Active, • Protection Rating : IP20, • Data In/Out : 3/5 pin XLR male and female, • Power In/Out : Power loop in and out through IEC, • Dimming : 0 to 100% smooth dimming, <p>The work shall be completed in all respect as per sound engineering practice & Direction of EIC.Make : Canara Lighting / ETC / Robe/ philips / osram / leksa</p>	09	<p>SITC of 400W LED JAGLE Panel Light with below specifications:-</p> <ul style="list-style-type: none"> • Power Supply : 110 - 250V AC, 50 - 60Hz • Power Consumption: 400W • Colour temperature: 2700K-12,000K • Colour temperature: ± 100K • Base colour: RGBW with HSI Control • Colour correction: -10 to +10 green magenta colour swing • Beam angle: 110° • Software Interface: USB firmware up gradation, backup, save & load facilities • Storage: Inbuilt and external • Dimmer: 0~100% linearly adjustable • Control: On system controller, 5 pin DMX • IP Grade: IP20 • Weight: 16.5 Kgs • 4 leaf barndoor included • Certification: CE <p>The work shall be complete in all respect as per sound engineering pratice and direction of EIC</p> <p>Make : Canara Lighting / ETC / Robe/ philips / osram / leksa</p>
07.		<p>SITC of 150W moving head complete, Prism, Gobos, Colour effect functions with below specification:</p> <ul style="list-style-type: none"> • Pan : 540° (16 bit) Tilt : 270°(16 bit) <p>Advanced moving system: fast, stable and quiet, auto X-Y repositioning</p> <ul style="list-style-type: none"> • Shutter: 0 – 100% Dimming and variable strobe • Option of Male female DmX in/out through 3 & 5 Pins • 14 di chroic filters +open, Duo 		<p>SITC of 290W Moving head Beam complete with below specification:</p> <ul style="list-style-type: none"> • Lamp: Philips MSD Platinum 5R, 8000K • Power Supply : AC 100-240V, 50/60Hz • Control system : DMX, master/slave • Beam Angle : 1°-3.8° • DMX channel : 15/16/19/20 • Pan : 540° (16 bit) Tilt : 250°(16 bit) • Display: LCD • Colour Wheel: 14 fixed colours plus open with rainbow effect.

09. Page4		rainbow effect <ul style="list-style-type: none"> • 18 rotating, indexable, gobos+open • Rotating prism: Dual 8 Facet • DmX 5pin Connectors • Power Loop-in Loop-out Optional • Focus: motorized focus • LED Display Indication The work shall be completed in all respect as per sound engineering practice & Direction of EIC. Make: Canara Lighting / Martin / Robe / philips / osram /leksa	06	<ul style="list-style-type: none"> • Gobo Wheel: 17 fixed gobos plus open • Shutter: 0 – 100% Dimming and variable strobe • Independent frost effect • Outstanding macro colour effect • Rotating prism: Dual 8 Facet • Independent frost effect • Vriable strobe speed • Focus: motorized focus • Dimension: L 394 x W 325 x H 500 mm • Weight : 18 Kgs The work shall be complete in all respect as per sound engineering pratice and direction of EIC Make: Canara Lighting / Martin / Robe / philips / osram /leksa/Effectron
08.	10. (a)	SITC of 4- leaf barndoor with scrims for 1KW fresnel spot light, undergone through 7 Tank chemical treatment to keep them rust free and, duly powder coated in black matt texture finish. The work shall be completed in all respect as per sound engineering practice & Direction of EIC. Make : Canara Lighting / Selecon / ARRI / Desisti/ philips / osram / leksa	12	SITC of 4- leaf barndoor with scrims for 200W LED fresnel spot light, undergone through 7 Tank chemical treatment to keep them rust free and, duly powder coated in black matt texture finish. The work shall be complete in all respect as per sound engineering pratice and direction of EIC Make : Canara Lighting / Selecon / ARRI / Desisti/ philips / osram / leksa
	10. (e)	ITEM INCLUDED	101	SITC of Identification name plate Round 70MM, undergone through 7 Tank chemical treatment to keep them rust free and, duly powder coated in matt texture finish. The work shall be complete in all respect as per sound engineering pratice and direction of EIC Make : Canara Lighting / Selecon / ARRI / Desisti/leksa
09.	13. Page5	SITC of Motorised winch to use as lighting bar, length 10mtrs made using 40NB dual barrel undergone through 7 tank process with various chemical treatment to keep them rust free and powder coated and provided with: <ul style="list-style-type: none"> • Necessary Yellow passivated MS pulley & guide pulleys • GI wire rope with winding drum • Specially designed compact gear box • 1.5HP AC motor with DC Brake • Upper and lower limit controller • Motor cable termination box • With MS fabricated cable retractor of size 1300mm length with hinge rod and 	02	SITC of Motorized winch to be used as 10m FOH Light made of 40NB dual barrel made up of SAIL/Jindal make of 2 mm thickness along with 1.5 HP 3PH AC motor (REMI Make) having noise level of less than 70 dB with DC Brake Necessary pulley, guide pulleys GI wire rope of minimum 5mm in diameter constructed with 6 bundles of 19 strands with fibre/Steel core at center, Pile winding drum Specially designed compact worm gear box Cam type double Upper & lower limit controller Requisite trunking arrangement like cable retractor made of 22SWG CRCA Mild steel in 2 pieces with Epoxy polyster powder coated in black

		<p>patty to be hang and support taken from top level grid for easy movement of power and signal cables & cable trays. The work shall be completed in all respect as per sound engineering practice & Direction of EIC.</p> <p>Make : Canara Lighting / Stage technologies / Effectron/ waagner biro / stage lighting.</p>		<p>texture finish with individual length of flip flop of 1300mm, thickness of 22 mm, width of 116 mm.</p> <p>The work shall be complete in all respect as per sound engineering practice and direction of EIC</p> <p>Make : Canara Lighting / Stage technologies / Effectron/ waagner biro / stage lighting.</p>
10.	37. Page12	<p>SITC of Rack mount 12 channel (12chx2.5KW) Dimmer pack with following features and Specifications: Features: Automatic frequency sensor can detect power frequency (45Hz – 63Hz) in different areas and stabilizes the dimming output. Output can be limited from 50% to 100% for over load protection. The thermo-controlled fan will be activated automatically when the temperature is over 45oC. The intelligent thermo-protection will cease the output when over 85oC and restart output when below 65oC. Self-testing function to test without a console. Each channel can be set as dimming or non-dimming. Dimming level and internal temperature monitor. Each channel is equipped with a N.F.B. Easy wiring.</p> <p>sSpecifications: Power Supply: 100-240V AC, 45-63Hz. Output: Maximal 20A per channel. Control: DMX 512 protocol. Size: 482 x 132 x 316mm, Weight: 13.5Kg. The work shall be completed in all respect as per sound engineering practice & Direction of EIC.</p> <p>Make: Liteputer / Zero88 / Avolite.</p>	04	<p>SITC of 300W LED Follow Spot light with below specifications :-</p> <ul style="list-style-type: none"> • Power Consumption : LED, 300W • Power Supply : AC 100-240V, 50/60Hz • Focus : Manual Focus • Beam Angle : 11° - 18° • Colour Temperature : 3200K • Dimming : 100 - 0% dimming • Protection Rating : IP20 • Includes stand <p>The work shall be complete in all respect as per sound engineering practice and direction of EIC</p> <p>Make: Spotlight / ETC / Canara lighting/ Leksa/Effectron</p>
11.	39. Page12	<u>Lamps:-</u>		
	a)	<p>SITC of 1000W 230V single ended halogen lamp CP24 / CP70 Base Gx9.5. The work shall be completed in all respect as per sound engineering practice & Direction of EIC. Make: Philips / Osram / GE.</p>	12	<p>SITC of 300W LED JEET light with below specifications:-</p> <ul style="list-style-type: none"> • Lamp Power: LED, 300W • Power Supply: AC 110-240V, 50/60Hz • Focus: Manual Focus • Beam Angle: 25° • DMX Control protocol: DMX 512. • CRI:>95 • TLCI : >95 • Dimming : 100 - 0% dimming • Control system : DMX, Auto run and master/slave, • Protection Rating : IP20 & PI65 • Dimension: L 620 x W 460 x T 155 mm • Weight : 13.9 Kgs • Accessories: 4 leaf barndoor and diffuser • Certification: CE

				The work shall be complete in all respect as per sound engineering pratice and direction of EIC Make: Canara Lighting / Martin / Robe / philips / osram /leksa
	b)	SITC of 1000W 230V Par-64 narrow / medium / wide lamps with base Gx16d for 1kW Halogen parcans. The work shall be completed in all respect as per sound engineering practice & Direction of EIC. Make: Philips / Osram / GE.	20	Deleted

S/D
Superintending Engineer
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