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Item Rate BoQ

Tender Inviting Authority: India Trade Promotion Organisation, Bharat Mandapam, New Delhi

Name of Work:Design, Supply, Installation, Testing and Commissioning of Dynamic Programmable Façade Lighting at ITPO, Convention Centre, Bharat Mandapam, New Delhi.

Contract No: 16/HTPO/BME/EE/CVC/Façade_Lighting/2024-25/01

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	1	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE incl GST@18%, all taxes and dutiesin Figures To be entered by the Bidder Rs. P		TOTAL AMOUNT incl GST@18%, all Taxes and duties	TOTAL AMOUNT In Words
1	2	4	5	13		83	88
1	Design of facade lighting and 6 preset Programming of facade lighting at ITPO, Convention Centre, Bharat Mandapam as requirement and approved by engineer-in -charge.	1.000	Job			0.00	INR Zero Only
2	Supply, Installation, Testing and Commissioning of RGBNW architectural LED flood light with housing material of housing material of Die-cast aluminium, electrostatically applied polyester powder coating finish, system wattage not less than 400 W and system lumen output of not less than 40000 lumens and SDCM 4 step. Fixture shall be available with 10° - 60° (±10%) . Fixture shall operate in a temperature range of -10°C to 50°C. The fixture shall be with integral driver, Fixture shall have input voltage for 220-240 VAC , 50/60Hz . Lifetime should be at least 50,000 burning hours at L70 @ 25deg with totalingress protection code IP66 [Dust penetration-protected, jet-proof] Luminous Efficacy (rated) (Nom) 50 lm/W, Fixture shall equipped with mechanical impact of minimum IK08, Color rendering index (CRI) >80 and complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required complete with all the accessories ,Protection class IEC Safety class I, Soft Copy of Catalogues,Test Certificates - Third party LM79, LM80, BIS certification with BIS R Number(IS 10322), IES Files, Type Test, Polar curve, Illuminance diagram, other accessories for fixing the lights, is mandatory complete as required. MAKE- Philips/Wipro/light technologies/OSRAM/Instapower/Havells	4.000	Nos			0.00	INR Zero Only
3	Supply, Installation, Testing and Commissioning of RGBNW architectural LED flood light with housing material of housing material of Die-cast aluminium, electrostatically applied polyester powder coating finish, system wattage not less than 200W and system lumen output of not less than 15975 lumens and SDCM 4 step. Fixture shall be available with 10° - 60° (±10%) . Fixture shall operate in a temperature range of -10°C to 50°C. The fixture shall be with integral driver, Fixture shall have input voltage for 220-240 VAC , 50/60Hz with PF>0.9. Lifetime should be at least 50,000 burning hours at L70 @ 25deg with total IP66 protection Luminous Efficacy (rated) (Nom) 80 lm/W, Fixture shall equipped with mechanical impact of minimum IK08, Color rendering index (CRI) >80 and complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required complete with all the accessories ,Protection class IEC Safety class I, Soft Copy of Catalogues,Test Certificates - Third party LM79, LM80, BIS certification with BIS R Number(IS 10322), IES Files, Type Test, Polar curve, Illuminance diagram, other accessories for fixing the lights, is mandatory complete as required. MAKE- Philips/Wipro/ light technologies/OSRAM/ Instapower/ Havells	10.000	Nos			0.00	INR Zero Only
4	Supply, Installation, Testing and Commissioning of RGBNW architectural LED flood light with housing material of housing material of Die-cast aluminium, electrostatically applied polyester powder coating finish, system wattage not less than 180W and system lumen output of not less than 7175 lumens and SDCM 4 step. Fixture shall be available with 10° - 60° (±10%) . Fixture shall operate in a temperature range of -10°C to 50°C. The fixture shall be with integral driver, Fixture shall have input voltage for 220-240 VAC , 50/60Hz with PF>0.9. Lifetime should be at least 50,000 burning hours at L70 @ 25deg with total IP66 protection Luminous Efficacy (rated) (Nom) 48 lm/W, Fixture shall equipped with mechanical impact of minimum IK08, Color rendering index (CRI) >80 and complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required complete with all the accessories ,Protection class IEC Safety class I, Soft Copy of Catalogues,Test Certificates - Third party LM79, LM80, BIS certification with BIS R Number(IS 10322), IES Files, Type Test, Polar curve, Illuminance diagram in mandatory, other accessories for fixing the lights, complete as required. MAKE- Philips/Wipro/ light technologies/OSRAM/ Instapower/ Havells	60.000	Nos			0.00	INR Zero Only
5	Supply, Installation, Testing and Commissioning of architectural LED flood light with housing material of housing material of Die-cast aluminium, electrostatically applied polyester powder coating finish, system wattage not less than 120 W having Correlated Color Temperature (CCT) 2700k-3000K and system lumen output of not less than 6345 lumens and SDCM 4 step. Fixture shall operate in a temperature range of -10°C to 50°C. The fixture shall be with integral driver, Fixture shall have input voltage for 220-240 VAC , 50/60Hz with PF>0.9. Lifetime should be at least 50,000 burning hours at L70 @ 25deg with total IP66 protection Luminous Efficacy (rated) (Nom) 52 lm/W, Fixture shall equipped with mechanical impact of minimum IK08, Color rendering index (CRI) >80 and complete with all necessary accessories required for proper working of fixture including weather proof connection cables, water proof connectors etc. as required complete with all the accessories ,Protection class IEC Safety class I, Soft Copy of Catalogues,Type Test, Test Certificates - Third party LM79, LM80, BIS certification with BIS R Number(IS 10322), IES Files, Polar curve, Illuminance diagram in mandatory, other accessories for fixing the lights, complete as required. MAKE- Philips/Wipro/light technologies/OSRAM/Instapower/Havells	24.000	Nos			0.00	INR Zero Only
6	SITC of LASER Source Moving Head Beam Waterproof, With Max Power 380-400W And with 280W Laser Source, Beam Angle 7° to 5°, CTO - 3000K-8000K Motorised CTO, 19 Colours + White and Rainbow Flow Effect, 20-Visual Gobo Wheel, Prism : One Circular 8 + 24 Prism And One 5Facet Linear Prism With Bi-Directional Rotation, Motorised Linear Focus, Dimmig 1 - 100%, 16Bit, Cooling System - Forced Convection, Control Protocol : DMX512, RDM, On board Control, Custom Mode,0-255 Speed Pan Tilt Movement, Pan Tilt Stepping, 270Degree Pan 140Degree Tilt, Die-cast aluminum, Operating Temperature -10 Degree C. To 50 Degree C, Ingress protection : IP66, as per BIS standard as required . Make: LASHACLA/SPARKY/ LPILCB	6.000	Nos			0.00	INR Zero Only
7	Supply of Content Program Controller with features of Single DMX ports control minimum 300 light addresses, Works as a stand-alone or computer-driven controller, Secure Digital (SD) card drive for flexible show storage, USB 2.0 interface for overloading shows and configuring from attached PC, Flexible,adaptable mounting options ,Should be provided with light show authoring software, Direct line voltage power supports 100-240VAC,Minimum Five pre configurable effects Using light authoring software to select from five pre-defined effects, adjust effect settings such as color, speed, and brightness, Soft Copy of Catalogues with Link of the Product Specification,Warranty Card, Test Certificates, Allotted BIS R Number, UL Certificates, Third Party IEC 60598 test certificates submission is mandatory. MAKE- Philips/Wipro/light technologies/OSRAM/Instapower/Havells/ Nicobulbs.	2.000	Nos			0.00	INR Zero Only

8	Supply of RDM-8Wall Splitter, should be able to provide 8-output DMX/RDM splitter with DMX/RDM pass-through supporting bi-directional communications for discovery, addressing and DMX control of dimmers and fixtures. The DMX/RDM splitter receives the DMX/RDM signal and splits the signal into six separate output channels allowing for expanding the number of devices controlled from 32 to 6x32. The output terminals are electrically isolated from the input & RDM through port and share a common ground reference. All six output ports have independent output driver to boost the DMX/RDM signal. Surface or DIN-rail mountable, Isolated DMX/RDM Input/Outputs. Automatic switching between DMX and RDM mode for auto-discovery, Environment-IP-55, Interior applications, Finish/ Color-Polycarbonate, Certification: CE Certified,MANE: Philips/Wipro/light technologies/OSRAM/Holophane/Havells/Nicolaudie.	10.000	Nos		0.00	INR Zero Only
9	Supply, Installation, Testing and Commissioning of Flexible LED Strip, system wattage not less than 9W and system lumen output of not less than 450 lumens/meter, the color temperature shall be 3000 / 4000 x 300 degree kelvin. Fixture shall operate in a temperature range of -10°C to +45°C. Fixture shall have IP65 rating. Fixture shall be 12V DC driven and complete with all the accessories and non-integral driver. 50M Length Strip 9W /MWE: Philips/ Wipro/ light technologies/ OSRAM/ Holophane/ Havells.	2.000	Nos		0.00	INR Zero Only
10	Supply and fixing of DMX Cable 2 pair Shielded etc. Complete as required. Make: Krystal/ Belden/ Canare Cables/ DLINK/PCL/YCAB	500.000	Mtr		0.00	INR Zero Only
11	Supply and fixing of luminaire Junction Boxes etc. Complete as required.	90.000	Nos		0.00	INR Zero Only
12	Supply and fixing of Field Junction Boxes etc. Complete as required.	24.000	Nos		0.00	INR Zero Only
13	Supply and fixing of Power Copper Cable 4Core 6.0sq.mm etc.Complete arrequired. Make: Krystal/ Belden/ Canare Cables/ Kitab/ Polycab	150.000	Mtr		0.00	INR Zero Only
14	Supply and fixing of Power Copper Cable 3Core 2.5sq.mm etc.Complete as required. Make: Krystal/ Belden/Canare/Cables/ Kitab/Polycab	500.000	Mtr		0.00	INR Zero Only
15	**Comprehensive Operation and Maintenance contract of Facade lighting of convention centre after DLP period of 2 years (operation & maintenance of facade lighting during DLP period is included) by deploying engineer having knowledge of operation as well as programming.**					
15.01	3rd year	1.000	Job		0.00	INR Zero Only
15.02	4th year	1.000	Job		0.00	INR Zero Only
15.03	5th Year	1.000	Job		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words					**INR Zero Only**	