

Letter No.: 486/BSCL

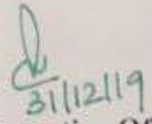
Dated: 31/12/2019

CORRIGENDUM - 1

Name of Work - Design, Development, Construction of Open Air Theatre, Sports Complex (Cricket/Football/Badminton/Lawn Tennis etc.) Swimming pool, Walkways, Amenities, High Mast Lighting facility, Street Lighting & Electrification works, Utility services and Renovation works at Sandy's Compound including Operation & Maintenance for of Sandy's Compound area over a period of Three (03) Years and Defects Liability Period of Two Years under Bhagalpur Smart City Mission, Bhagalpur on Engineering, Procurement & Construction basis. This is with reference to Notice Inviting Tender (NIT) no. BSCL/Open Space/2019/17 which has been published in various newspaper and release of the same notice on <https://www.eproc.bihar.gov.in> and <http://www.smartcitybhagalpur.org>.

The response to the prebid queries are uploaded on <https://www.eproc.bihar.gov.in> and <http://www.smartcitybhagalpur.org> with this corrigendum.

The other terms and conditions mentioned in RFP and NIT no. BSCL/Open Space/2019/17 remains same.


31/12/19
Chief Executive Officer,
Bhagalpur Smart City Limited.

Response to Prebid Queries
NIT No. - BSCL/Open Space/2019/17

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
1	10/416		Internal & External Electrification works including High mast Lighting & street lighting facility	High mast & street lighting application i.e. coverage area , avg. lux levels and uniformity needs to be clarified . Back up design to be submitted with maintenance factor of 0.8 .	As per RFP.
2	68/416	2.1 Scope of the Project	Internal & External Electrification works including High mast Lighting & street lighting facility, storm water drainage, rain water harvesting, landscaping and internal roads etc., on EPC basis (complete in all respect internal and external finish)	Complete scope for outdoor lighting to be defined. Such as street lighting, sports lighting (Type of Sports), Area lighting etc.	As per RFP.
3	237/416	53 Street Lighting	Solar 30 W LED Street Light System including 30 W with inbuilt charge controller and dusk to dawn controller LED OSRAM or equivalent. Pole of M.S Material with powder coating and 6m height. Battery 12 V/ 75 A-h, suitable for 2 days autonomy/ service. Solar Panel 75 WP (MNRE approved with IDO 9001:2008 Certified). Battery with automatic Dusk-down on-off system.	Detailed specification required such as system lumen o/p , standalone/all-in-one , CCT,CRI,Upward light output ratio, L70 @ 25°C burning hrs. Ta ,working temperature range (as it may effect charging & discharging),max. charge current,avg. self discharge rate per month,IP66,IK08,efficacy>150 lm/W , High Pressure Die Cast Al housing,Battery material content , Battery & Solar polarity reverse protection; battery overcharge & over discharge protection; Over temperature protection; Load open, overcurrent, short circuit protection,confirmation to standards IEC62109-1, IEC61547, CISPR15, IEC62093, IEC 61347 - 2 -13 , EN50530, IEC62384,MPPT efficiency of min. 95% , Low Voltage Directive : EN 62471: 2008, EN 62493: 2015, EN 60598-1: 2015 + A1: 2018, EN 60598-2-3:2003 + A1:2011 Electromagnetic compatibility : EN 61000-3-2:2014, EN 61000-3 3:2013, EN 61547:2009, EN 55015:2013 + A1:2015 <u>Eco-design requirements : FC/1194/2012 Restriction of Hazardous</u>	As per RFP.
4	256/416	Lighting Fixture / Electrical Items	WIPRO / CG / PHILIPS	Reputed global brands like with credential to be considered for general lighting except stadium lighting .	Reputed Global Brands are accepted
5	257/416	LED Lights / Electrical Items	Havells, Crompton, Bajaj,Surya	Reputed stadium lighting brands with work experience to be considered. Pre Qualification Criteria for stadium lighting to be incorporated .	Reputed Global Brands are accepted
6	261/416	Cricket Pavilion (North South)/Types of lights used in project	50 nos. 4 W LED step light and 20 nos. 18 W FTL (IP 65) for building	Detailed specifications such as system lumen o/p, THD<20%, IP65, IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows:s: Lumens-370, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=20% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

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7	261/416	Twin Volleyball court/Types of lights used in project	Two nos. 9 M X 18 M court 3 mtrs apart : 14 M Pole with 16 nos. 1000 W LED Flood (4 nos. light per pole)	The basis of lighting level and selection of 1000w luminaire is required, also the uniformity to be mentioned because it will create glare affecting players vision . For 1000W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . 200W(+/-) 5% LED Flood light with min. 23000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@ 5700K, CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection, THD<=10%, max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per GAISE .	As per RFP however, specification are as follows: Luminious-140lm/watt, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
8	261/416	Open Spectator stand for volley ball/Types of lights used in project	Setep type gallery : 20 nos. 4 w LED step light. Security light - under general area lighting	Detailed specifications such as system lumen o/p, THD<20%, IP65, IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however , specification are as follows;, Lumen-370lm, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=20% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
9	261/416	Old Gym area/Types of lights used in project	30M X 9M Illumination level Avg 250 lux for Task lighting : 36 nos. LED indoor decorative lighting 50 nos.	The basis of lighting level and selection of luminaire is required, also the uniformity to be mentioned. Along with luminaire wattage detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned. 200W(+/-) 5% LED Flood light with min. 23000lm , IP66 , IK08, min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @ 25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@ 5700K, CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per relevant IS.	As per RFP however, specification are as follows: power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
10	261/416	Twin Tennis court/Types of lights used in project	11 M X24 M court 5 mtrs apart.Illumination level - Avg 450 lux with uniformity Min/max = 0.4 and Min/Avg = 0.6 : 14 M Pole with 16 nos. 1000 W LED Flood (4 nos. light per pole)	The basis of lighting level and selection of 1000w luminaire is required as it will create too much glare . For 1000W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . 200W(+/-) 5% LED Floodlight with min. 23000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@ 5700K, CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per GAISE .	As per RFP however, specification are as follows: power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

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11	261/416	basketball Court/Types of lights used in project	15.2 M X 28.7 M . Illumination level - Avg 350 lux with uniformity Min/max = 0.4 and Min/Avg = 0.6. 14 M Pole with 12 nos. 1000 W LED Flood (3 nos. light per pole)	The basis of lighting level and selection of 1000w luminaire is required as it will create lot of glare . For 1000W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . 200W(+/-) 5% LED Floodlight with min. 23000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@5700K,CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection, THD<=10% , max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per GAISF . The basis of lighting level and selection of 350w luminaire is required. Clarification reuquired on whether TL or LED and Indoor/Outdoor. As for different light source and different enviornment the technical parameters will vary. For 36W luminaire detailed specifications such as min. 4200 system lumen o/p, THD<15%, IP20,PF>0.95,Polycarbonate cover, L70B50 lifetime of atleast 30k burning hrs, IK, surge protection, housing material, voltage range, CCT 6500K, CRI>80,4ft.230V AC & relevant standards such as IS3646 to be mentioned .	As per RFP however, specification are as follows: power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, life>=50000hrs, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
12	261/416	Swimming pool/Types of lights used in project	25M X 50 M swimming pool with translucent cover & trust. Illumination level - Avg 350 lux with uniformity Min/max = 0.4 and Min/Avg =?. 32 nos. 350 W LED Flood on trust	For 350W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . 200W(+/-) 5% LED Floodlight with min. 23000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase),CCT@5700K,CRI>=70,fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per GAISF .	As per RFP however,specification are as follows: power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
13	261/416	Changing room (37 M X 5 M)/Types of lights used in project	Illumination level Avg 150 lux for Task lighting : 30 nos. 36 W LED indoor TL lighting / LED outdoor TL for entrance	For 36W luminaire detailed specifications such as min. 4200 system lumen o/p, THD<15%, IP20,PF>0.95,Polycarbonate cover, L70B50 lifetime of atleast 30k burning hrs, IK, surge protection, housing material, voltage range, CCT 6500K, CRI>80,4ft.230V AC & relevant standards such as IS3646 to be mentioned .	As per RFP however,specification are as follows: power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=15% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
14	261/416	Indoor stadium (60 M X 26 M)/Types of lights used in project	7 nos. Badminton court. Avg 350 lux with uniformity Min/max = 0.4 and Min/Avg = 0.6 : 24 nos. 350 W LED Flood at 12 M High trust above court for each court - 168 nos.	The basis of lighting level and selection of 350w luminaire is required. For 350W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . 200W(+/-) 5% LED Floodlight with min. 23000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @ 25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@5700K,CRI>=70,fully potted & encapsulated drivers, at least 4kV surge protection,THD<=10% , max. 8Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per GAISF .	As per RFP however,specification are as follows: power factor>=0.9, CCT>=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
15	262/416	Stadium Cafeteria/Types of lights used in project	Bollards for open area & Tube light for covered area : Decorative 9 W LED bollard (TETRIS -BGBOS 605 9W LED) = 10 nos. 18W LED Tube light (IP 65) - 6 nos.	Detailed specifications such as system lumen o/p, THD<20%, IP65, IK08, surge protection, housing material, voltage range, CCT,CRI>70 & relevant standards to be mentioned	As per RFP however, specification are as follows: Lumen>=700 lm, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=20% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

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16	262/416	Cleveland memorial & stadium/Types of lights used in project	Decorative post top lantern ARIAN -BCGT W4 LED WW , 45 W LED post top on 5 mtrs black pole 10 Mtrs apart in one side configuration = 40 nos.	Detailed specifications such as system lumen o/p, efficacy of min. 90lm/W ,THD<20%, IP65, IK08, surge protection of min. 4kV, PDC Al housing material, voltage range, CCT,CRI>70 & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=20% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
17	262/416	(Event/FAIR GROUND)/Types of lights used in project	(105 X 50)50 lux average considering safety and security : 4 nos. 16 M Umbrala High mast with 8 nos. 350 W LED flood for adjasant area lighting	The basis of lux level and selection of 350w luminaire is required. For 350W floodlight detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned. 310W with min. 36000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. , 440V Protection for 8 Hrs. (Phase to Phase), CCT@5700K, CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 16Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per relevant standard .	As per RFP however, specification are as follows: power factor>=0.9, CCT>=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
18	262/416	Stage/OPEN AMPHI THEATER/Types of lights used in project	2 nos. Pole with 4 nos. 350 W LED Flood for stage lighting	Luminaire system lumen o/p , IK rating and detailed specifiations needs to be mentioned .310W with min. 36000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@5700K,CRI>=70,fully potted & encapsulated drivers ,at least 4kV surge protection, THD<=10% , max. 16Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per relevant standard .	As per RFP however, specification are as follows: Luminious >= 90lm/watt, power factor>=0.9, CCT>=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
19	262/416	Stair & Spectator area/OPEN AMPHI THEATER/Types of lights used in project	32 nos. 4 W step light for stair & 12 nos. 27 W Post top lantern -7 mtrs apart	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Lumens>=370, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
20	262/416	Tree & Plant area/CLEAVELAND MEMORIAL/Types of lights used in project	9 W Focus spike light = 16 nos. / 9W LED ground embedded light BLWUP 9W LED WW for plant = 10 for plant lighting	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Lumen>=700lm, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

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21	262/416	Pathway & Memorial boundary/CLEAVELAND MEMORIAL/Types of lights used in project	Decorative 9 W LED bollard (FLUTE BGBOL 605 9W LED) 10 Mtrs apart in staggered configuration = 20 nos.	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however,specification are as follows: Lumen >=700lm, power factor>=0.9, CCT>=4000K,CRI>=70, THD<=10%, 10KV<=Surge protection >=3KV, All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
22	262/416	Cafeteria/CLEAVELAND MEMORIAL/Types of lights used in project	18 W LED Tube light for indoor and outdoor application with cover to IP 65 protection - 6 nos	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range,operating temperature range, CCT,CRI & relevant standards to be mentioned i.e. such as max.36W , min. 4200 system lumen o/p, THD<10%, IP65,PF>0.95,Polycarbonate cover,L70B50 life time of atleast 50k burning hrs, IP65,IK08, surge protection, housing material, voltage range, CCT 6500K,CRI>80,4ft.230V AC ,High Voltage cut off @ 325V AC ,Ripple<5% etc.	As per RFP however,specification are as follows: Lumen-2000lm, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
23	262/416	memorial façade/CLEAVELAND MEMORIAL/Types of lights used in project	LED flood for volume light / Strip light for building edge / projection light for pillar & other area for heightling . All lights are programmable type RGB dynamic for architechral lighting application	Detailed specifications such as power consumption (W), system lumen o/p, beam angle , THD, IP, IK, surge protection, SDCM,housing material, voltage range, CCT,CRI , operating temperature range & relevant standards to be mentioned . Controller to be mentioned also .	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor>0.9, CCT>=4000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
24	262/416	Steps/NEHRU MEMORIAL/Types of lights used in project	Septs with Max radius 21 M : 9 W LED Focus spike light = 20 nos. for plant / 9W LED ground embedded light BLWUP 9W LED WW for plant = 20 for tree	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however,specification are as follows: Lumen=>700 lm, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
25	262/416	Stair/NEHRU MEMORIAL/Types of lights used in project	4 W step light = 24 nos.	Detailed specifications such as system lumen o/p, THD<20%, IP65, IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Lumens-370, power factor>=0.9, CCT>=3000K,CRI>=70, 10KV<=Surge protection >=3KV, THD<=20% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
26	263/416	Memorial block/Types of lights used in project	15 W LED projection light for columns = 16 nos. /Strip light for memorial structure edge = 20 mtrs / 48 W LED Flood for volume light - 1 no. All lights are RGB dynamic for architechral lighting application.	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI , SDCM , beam angle , operating temperature range & relevant standards to be mentioned. The communication protocol, power supply details and controller details are required. Controller to be mentioned also .	As per RFP however, specification are as follows: Luminious>=90 lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV,THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

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27	263/416	Walk way 3.5M/Types of lights used in project	Decorative post top lantern ARIAN -BCGT W4 LED WW , 45 W LED post top on 3 mtrs black pole 15 Mtrs apart in one side configuration = 50 nos.	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=4000K,CRI>=70, 10KV<=Surge protection >=3KV,THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
28	263/416	Open Cafeteria/Types of lights used in project	Decorative 9 W LED bollard (TETRIS BGBOS 605 9W LED) = 10 nos. 18 W LED Tube light (IP 65) - 6 nos.	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
29	263/416	Pathway/Types of lights used in project	Decorative post top lantern 25 W LED fittings 10 Mtrs apart in one side configuration = 50 nos.	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious>=80lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
30	263/416	National Flag Mast/Types of lights used in project	100 ft Flag mast with narrow beam archi range of Natural white LED flood	Detailed specifications such as L70B50 @ 50K burning hours, system lumen o/p, THD, IP, IK, surge protection, Power Factor , PDC Al housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP.
31	263/416	Pathway around ground/Types of lights used in project	1.2 km long 3.5 mtrs wide path way. Illumination level Avg 10 lux , min/avg = 0.3 : 5 M PU painted GI Octagonal pole with 45 W LED Street light in 15 M distance = 80 nos	Detailed specifications such as system lumen o/p, THD, IP66, IK07 , housing material, voltage range, CCT of 5700K ,CRI >70, L70B50 @ 50K burning hours & relevant standards to be mentioned . 440V P2P Protection for 8 Hrs. , High Cut off @ 325V (+-15V) , Auto Restart Feature , Inbuilt surge protection of 4 KV , Emin/Emax of 0.2 to be mentioned . Qty. to be decided as per lighting design with maintenance factor of 0.8 .	As per RFP however, specification are as follows: power factor>=0.9, CCT>=4000K,CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
32	263/416	Station club inside area/Types of lights used in project	L = 32 M, W = 32 M Illumination level Avg 150 lux for Task lighting. : Decorative indoor lighting of different wattage	Need clarification on type of luminaire i.e. what is meant by decorative luminaire . Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned . Overall Uniformity to be mentioned .	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
33	263/416	Pathway around building/Types of lights used in project	Decorative 3.4 Mtrs post top lantern IMAGICA ASYM with 40 W LED fittings 20 Mtrs apart in one side configuration = 6nos	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=2800K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
34	263/416	Main entrance walk way/Types of lights used in project	Decorative post top lantern 25 or 40 W LED fittings 30 Mtrs apart in staggered configuration = 14 nos.	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
35	263/416	Building Façade/Types of lights used in project	15 W RGB LED projection light for pillar - 12 nos. and 48 W RGB LED Volume light for veranda - 2 nos. Light are for architechral lighting application	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI , SDCM , beam angle , operating temperature range & relevant standards to be mentioned. The communication protocol, powersupply details and controller details are required.Controller to be mentioned also .	As per RFP however, specification are as follows: Luminious >=90 lm/watt, power factor >=0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
36	263/416	Stage/Types of lights used in project	2 nos. Pole with 4 nos. 350 W LED Flood for stage lighting	The basis of 350W luminaire is required . Luminaire system lumen o/p , IK rating and detailed specifiations needs to be mentioned .310W with min. 36000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@ 5700K, CRI>=70,fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 16Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per relevant standard .	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=3000, CRI >=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
37	264/416	Stair/Types of lights used in project	12 nos. 4 W step light for stair	Detailed specifications such as system lumen o/p, THD<20%, IP65, IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Lumens-370, power factor>=0.9, CCT>=3000K,CRI>=80, 10KV<=Surge protection >=3KV, Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
38	264/416	PARKING LOT/Types of lights used in project	5 nos. 16 M Umbrella High mast with 8nos. 350 W LED flood for adjasant area lighting	The basis of selection of 350w luminaire is required. For 350W floodlight detailed specifications such as Luminaire system lumen o/p , IK rating and detailed specifications needs to be mentioned .310W with min. 36000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase),CCT@5700K,CRI>=70,fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 16Kg to be provided . Qty. to be decided as per lighting design for a particular coverage area , lux levels , uniformity with maintenance factor of 0.8 . Lighting criterias to be	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=3000k, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
39	264/416	TOILET BLOCK/Types of lights used in project	10 nos. 18 LED TL indoor and outdoor application	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range,operating temperature range, CCT,CRI & relevant standards to be mentioned i.e. such as max.36W , min. 4200 system lumen o/p, THD<10%, IP65,PF>0.95,Polycarbonate cover,L70B50 life time of atleast 50K burning hrs, IP65,IK08, surge protection, housing material, voltage range, CCT 6500K,CRI>80,4ft.230V AC ,High Voltage cut off @ 325V AC ,Ripple<5% etc.	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, Surge protection >=3KV, THD <=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
40	264/416	ENTRANCE/Types of lights used in project	Façade lighting for entrance gate	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=4000K, CRI>=80, Surge protection >=3KV,THD<=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
41	264/416	walkway/ROAD SURFACE/Types of lights used in project	Lighting for Security Purpose. Decorative 3.4 Meter post lantern IMAGICA ASYM 40 W	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however,specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=4000K, CRI >=80, Surge protection >=3KV, THD <=10% All the Specifications shall be as per Sports Authority of India guideline. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
42	264/416	Projector lighting for exhibition object/Sculpture Garden/Types of lights used in project	SITC of 40 nos. 15 W to 25 W Warm White / White LED Narrow beam Round Projector with accessories and connection cable & foundation	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection,L70B50 burning hours, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD <=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
43	264/416	General lighting for Exhibition ground/Sculpture Garden/Types of lights used in project	SITC of 4 nos. 16 M Umbrella mast with raising lowering Head frame .350 W LED Flood including High mast lighting DB, power cable and all accessories & foundation.	The basis of 350W luminaire is required . Luminaire system lumen o/p , IK rating and detailed specifiations needs to be mentioned .300W(+/-5%) with min. 36000lm , IP66 , IK08 , min. 3 different optics with polycarbonate lenses , High Cut @ 325 ± 15V & Auto Restart , L70B50 @25deg ambient of 50 Khrs. ,440V Protection for 8 Hrs. (Phase to Phase), CCT@5700K, CRI>=70, fully potted & encapsulated drivers ,at least 4kV surge protection,THD<=10% , max. 16Kg to be provided . Qty. to be decided as per lighting design with maintenance factor of 0.8 . Lighting criterias to be decided as per relevant standard .	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=3000K, CRI >=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
44	264/416	Tree lighting/Types of lights used in project	SITC of 30 nos. 54 W Warm White / White LED Narrow / medium / wide beam Flood light with accessories and connection cable & foundation	Basis of selection of 54w luminaire is required. Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned. Luminaire wattage should be 50w(+/-5%)	As per RFP however, specification are as follows: Luminious >=80lm/watt, power factor >=0.9, CCT >=3000,CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
45	265/416	Bush lighting/Types of lights used in project	100 nos. SITC 9W Spike light	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT>=3000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
46	265/416	Garden area lighting/Types of lights used in project	SITC of 50 nos. 1.2 M Cast Iron decorative bollard with decorative LED fixture with DB and connection cable & foundation	Detailed specifications such as system lumen o/p, THD, min. IP65, min. IK08, surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
47	265/416	Gazebo/Types of lights used in project	sitting / meditation with indirect illumination	Detailed specifications such as luminaire type ,system lumen o/p, THD, min. IP, IK,moutnig type, L70B50 burning hrs.,surge protection, housing material, voltage range, CCT,CRI & relevant standards to be mentioned	As per RFP however, specification are as follows: Luminious >= 90lm/watt, power factor >=0.9, CCT >=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
48	265/416	FAÇADE LIGHTING/Types of lights used in project	Decorative pole, Projector light & linear wall washer from architectural LED fixture range	Detailed specifications such as system lumen o/p, THD, IP, IK, surge protection, housing material, voltage range, CCT,CRI , SDCM , beam angle , operating temperature range & relevant standards to be mentioned. The communication protocol, powersupply details and controller details are required. Controller to be mentioned also .	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT >=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
49	270/416	Technical Specifications	Each single LED Light should have maximum 1350W	Each single LED Light should have mimimum 1300W(+/-5%) with min. 1,55,000 system lumen o/p	As per global Standard. Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
50	261	Volume II, Section 7	50 nos. 4 W LED step light and 20 nos.18 W FTL (IP 65)for building	Should be read as per attached GTP- Refer annexure 1(IP-66,IK-08, Luminious-15lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =3KV, life=50000hrs)	As per RFP however, specification are as follows: Luminious =>15, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
51	261	Volume II, Section 7	14 M Pole with 16 nos. 1000 W LED Flood (4 nos. light per pole)	Should be read as per attached GTP- Refer annexure 2(IP-66,IK-08, Luminious-120lm/watt, power factor>=0.92, CCT=4000K, CRI=80, Surge protection =10KV, life=90000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >= 100lm/watt, power factor>=0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV,THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
52	261	Volume II, Section 7	20 nos. 4 w LED step light. Security light - under general area lighting	Should be read as per attached GTP- Refer annexure 1(IP-66,IK-05, Luminious-15lm/watt, power factor>=0.90, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious=>15lm/watt, power factor>=0.9, CCT>=3000K,CRI>=80, 10KV<=Surge protection >=3KV,THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
53	261	Volume II, Section 7	36 nos. LED indoor decorative lighting 50 nos.	Should be read as per attached GTP- Refer annexure 3(IP-40,IK-05, Luminious-100lm/watt, power factor>=0.95, CCT=4000K, CRI=80, Surge protection =4-5KV, life=40000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
54	261	Volume II, Section 7	14 M Pole with 16 nos. 1000W LED Flood (4 nos. light per pole)	Should be read as per attached GTP- Refer annexure 2(IP-66,IK-08,Luminious-120lm/watt, power factor>=0.92, CCT=4000K, CRI=80, Surge protection =10KV, life=90000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=100lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
55	261	Volume II, Section 7	14 M Pole with 12 nos. 1000 W LED Flood (3 nos. light per pole)	Should be read as per attached GTP- Refer annexure 2(IP-66,IK-08, Luminious-120lm/watt, power factor>=0.92, CCT=4000K, CRI=80, Surge protection =10KV, life=90000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=100lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
56	261	Volume II, Section 7	32 nos. 350 W LED Flood on trust	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT>=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
57	261	Volume II, Section 7	30 nos. 36 W LED indoor TL lighting /LED outdoor TL for entrance	Should be read as per attached GTP- Refer annexure 5(IP-66,IK-08, Luminious-110-125lm/watt, power factor>=0.95, CCT=5000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=80lm/watt, power factor>0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
58	261	Volume II, Section 7	24 nos. 350 W LED Flood at 12 M High /trust above court for each court - 168 nos. LED outdoor TL for entrance	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious-90lm/watt, power factor>=0.9, CCT=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
59	262	Volume II, Section 7	Decorative 9 W LED bollard (TETRIS - BGBOS 605 9W LED) = 10 nos. 18W LED Tube light (IP 65) - 6 nos.	Should be read as per attached GTP- Refer annexure 6(IP-65,IK-08, Luminious-70-80lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=70lm/watt, power factor>=0.9, CCT>=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
60	262	Volume II, Section 7	Decorative post top lantern ARIAN - BCGT W4 LED WW , 45 W LED post top on 5 mtrs black pole 10 Mtrs apart in one side configuration = 40 nos.	Should be read as per attached GTP- Refer annexure 7(IP-65,IK-08, Luminious-100lm/watt, power factor=min0.9, CCT=4000K, CRI=80+, Surge protection =3KV, life=100000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=80lm/watt, power factor>0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
61	262	Volume II, Section 7	4 nos. 16 M Umbrala High mast with 8 nos. 350 W LED flood for adjasant area lighting	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious-90lm/watt, power factor>=0.9, CCT=3000K, CRI=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
62	262	Volume II, Section 7	2 nos. Pole with 4 nos. 350 W LED Flood for stage lighting	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious-90lm/watt, power factor>=0.9, CCT=3000K, CRI=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
63	262	Volume II, Section 7	32 nos. 4 W step light for stair 12 nos. 27 W Post top lantern -7 mtrs apart	Should be read as per attached GTP- Refer annexure 1 for step light and annexutre 11 for post top.(IP-66,IK-08, Luminious-15lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs)	As per RFP however, specification are as follows: power factor>=0.9, CCT>=3000K,CRI>=70, 10KV<=Surge protection >=3KV,THD<=10% Luminious-15lm/watt Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
64	262	Volume II, Section 7	9 W Focus spike light = 16 nos. / 9W LED ground embedded light BLWUP 9W LED WW for plant = 10 for plant lighting	Should be read as per attached GTP- Refer annexure 8(IP-65,IK-08/09, Luminious-700-800lm/watt, power factor>=0.9, CCT= 3000k-4000K, CRI=80,Surge protection =5KV, life=50000hrs)	As per RFP however, specification are as follows: Luminious>=70lm/watt, power factor>=0.9, CCT>=3000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
65	262	Volume II, Section 7	Decorative 9 W LED bollard (FLUTE BGBOL 605 9W LED)10 Mtrs apart in staggered configuration = 20 nos.	Should be read as per attached GTP- Refer annexure 6(IP-65,IK-08, Luminious-70-80lm/watt, power factor>=0.9, CCT=4000K, CRI=80,Surge protection =10KV, life=50000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=70lm/watt, power factor>=0.9, CCT>=3000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
66	262	Volume II, Section 7	18 W LED Tube light for indoor and outdoor application with cover to IP 65 protection - 6 nos.	Should be read as per attached GTP- Refer annexure 9(IP-66,IK-08, Luminious-120-130lm/watt, power factor>=0.95, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs,Total Harmonic Distortion<10%)	As per RFP however,specification are as follows: Luminious>=100lm/watt, power factor>=0.9, CCT>=4000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
67	262	Volume II, Section 7	LED flood for volume light / Strip light for building edge / projection light for pillar & other area for heightling . All lights are programmable type RGB dynamic for architechral lighting application.	Should be read as per attached GTP- Refer annexure 10(IP-66,IK-08, Luminious-R-387,G-604,B-137,W-630LM, power factor >=0.9,Color Temp RGBW/RGWW, Surge protection =6KV, life=50000hrs,Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=100lm/watt, power factor>=0.9, CCT>=4000K,CRI>=80, 10KV<=Surge protection >=3KV,THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
68	262	Volume II, Section 7	9 W LED Focus spike light = 20 nos. for plant / 9W LED ground embedded light BLWUP 9W LED WW for plant = 20 for tree	Should be read as per attached GTP- Refer annexure 8(IP-65,IK-08/09, Luminious-700-800lm/watt, power factor>=0.9, CCT=3000k-4000K, CRI=80, Surge protection =5KV, life=50000hrs)	As per RFP however, specification are as follows: Luminious>=100lm/watt, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
69	262	Volume II, Section 7	4 W step light = 24 nos.	Should be read as per attached GTP- Refer annexure 1(IP-66,IK-08, Luminious-15lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs)	As per RFP however, specification are as follows: Luminious-15 lm/watt, power factor>=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
70	263	Volume II, Section 7	15 W LED projection light for columns = 16 nos. /Strip light for memorial structure edge = 20 mtrs / 48 W LED Flood for volume light - 1 no. All lights are RGB dynamic for architehral lighting application.	Should be read as per attached GTP- Refer annexure 10(IP-66,IK-08, Luminious-R-387,G-604,B-137,W-630LM, power factor>=0.9, Color Temp- RGBW/RGW, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=90lm/watt, power factor>=0.9, CCT=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
71	263	Volume II, Section 7	Decorative post top lantern ARIAN - BCGT W4 LED WW ,45 W LED post top on 3 mtrs black pole 15 Mtrs apart in one side configuration = 50 nos.	Should be read as per attached GTP- Refer annexure 7(IP-65,IK-08, Luminious-100lm/watt, power factor=0.9, CCT=4000K, CRI=80+, Surge protection =3KV, life=100000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: for 45w Luminious>=90 lm/watt, power factor>0.9, CCT>=4000K, CRI>=70, 10KV<=Surge protection >=3KV, THD <= 10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
72	263	Volume II, Section 7	Decorative 9 W LED bollard (TETRIS - BGBOS 605 9W LED) = 10 nos. 18 W LED Tube light (IP 65) - 6 nos.	Should be read as per attached GTP- Refer annexure 6(IP-65,IK-08, Luminious-70-80lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>=70 lm/watt, power factor>0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
73	263	Volume II, Section 7	Decorative post top lantern 25 W LED fittings 10 Mtrs apart in one side configuration = 50 nos.	Should be read as per attached GTP- Refer annexure 11(IP-66,IK-08, Luminious efficacy-80-100lm/watt, power factor>=0.9, CCT=4000k, CRI=80, Surge protection =10KV, life=100000hrs)	As per RFP however, specification are as follows: Luminious>=80 lm/watt, power factor>=0.9, CCT>=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
74	263	Volume II, Section 7	100 ft Flag mast with narrow beam archi range of Natural white LED flood	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion <10%)	As per RFP.
75	263	Volume II, Section 7	5 M PU painted GI Octagonal pole with 45 W LED Street light in 15 M distance= 80 nos. .	Should be read as per attached GTP- Refer annexure 12(IP-66,IK-07, Luminious-4800-5100lm, power factor>=0.9, CCT=4000k, CRI=80, Surge protection =10KV, life=100000hrs)	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >0.9, CCT >=4000K, CRI >=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
76	263	Volume II, Section 7	Decorative 3.4 Mtrs post top lantern IMAGICA ASYM with 40 W LED fittings 20 Mtrs apart in one side configuration = 6 nos.	Should be read as per attached GTP- Refer annexure 11(IP-66,IK-08, Luminious efficacy-80-100lm/watt, power factor>=0.9, CCT=4000k, CRI=80, Surge protection =10KV, life=100000hrs)	As per RFP however, specification are as follows: Luminious >= 80 lm/watt, power factor >0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
77	263	Volume II, Section 7	Decorative post toplantern 25 or 40 W LED fittings 30 Mtrs apart in staggered configuration = 14 nos.	Should be read as per attached GTP- Refer annexure 17(IP-66,IK-08, Luminious efficacy-100lm/w, power factor - min0.9, CCT= 4000K, CRI=80+, Surge protection =min 3KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious>= 80lm/watt, power factor=>0.9, CCT >=4000K,CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
78	263	Volume II, Section 7	15 W RGB LED projection light for pillar - 12 nos. and 48 W RGB LED Volume light for veranda - 2 nos. Light are for architechral lighting application	Should be read as per attached GTP- Refer annexure 10 for 48W RGB light and refer annexure 18 for 15w piller light(IP-68,IK-10, power factor>=min 0.9, Colour tempreture=RGBW/RGWW, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%, System wattge-40-50watts)	As per RFP however, specification are as follows: Luminious >=90 lm/watt, power factor>=0.9, CCT= 4000K, CRI>=80, 10KV <=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
79	263	Volume II, Section 7	2 nos. Pole with 4 nos. 350 W LED Flood for stage lighting	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >=0.9, CCT>=3000K, CRI=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
80	264	Volume II, Section 7	12 nos. 4 W step light for stair	Should be read as per attached GTP- Refer annexure 1(IP-66,IK-08, Luminious-15lm/watt, power factor>=0.9, CCT=4000K, CRI = 80, Surge protection =10KV, life=50000hrs)	As per RFP however, specification are as follows: Lumens >=370lm, power factor>=0.9, CCT >=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
81	264	Volume II, Section 7	5 nos. 16 M Umbrella High mast with 8 nos. 350 W LED flood for adjasant area lighting	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >0.95, CCT >=3000K, CRI>=70, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
82	264	Volume II, Section 7	10 nos. 18 LED TL indoor and outdoor application	Should be read as per attached GTP- Refer annexure 9(IP-66,IK-08, Luminious-120-130lm/watt, power factor>=0.95, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
83	264	Volume II, Section 7	10 nos. 18 LED TL indoor and outdoor application	Should be read as per attached GTP- Refer annexure 9(IP-66,IK-08,Luminious-120-130lm/watt, power factor>=0.95, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT >=4000K, CRI>=80, 10KV<=Surge protection >=3KV, THD <=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
84	264	Volume II, Section 7	10 nos. 18 LED TL indoor and outdoor application	Should be read as per attached GTP- Refer annexure 9(IP-66,IK-08,Luminious-120-130lm/watt, power factor>=0.95, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor>=0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
85	264	Volume II, Section 7	Façade lighting for entrance gate	Should be read as per attached GTP- Refer annexure 13(IP-66,IK-08,Luminious-80-100lm/watt, power factor>=0.9, CCT=4000/3000K, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT>=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
86	264	Volume II, Section 7	Façade lighting for entrance gate	Should be read as per attached GTP- Refer annexure 13(IP-66,IK-08,Luminious-80-100lm/watt, power factor>=0.9, CCT= 4000/3000K, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT >=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD <=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
87	264	Volume II, Section 7	Façade lighting for entrance gate	Should be read as per attached GTP- Refer annexure 13(IP-66,IK-08,Luminious-80-100lm/watt, power factor>=0.9, CCT= 4000/3000K, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=80lm/watt, power factor >=0.9, CCT >=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
88	264	Volume II, Section 7	Will be closed at night	Should be read as per attached GTP- Refer annexure 15(IP-65,IK-08,Luminious-2800-3100lm, power factor>=min0.92, CCT= 3000/4000K, CRI=80, Surge protection =5KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious => 80lm/watt, power factor >0.9, CCT >=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD <=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
89	264	Volume II, Section 7	Will be closed at night	Should be read as per attached GTP- Refer annexure 15(IP-65,IK-08,Luminious-2800-3100lm, power factor>=min0.92, CCT= 3000/4000K, CRI=80, Surge protection =5KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious => 80lm/watt, power factor >=0.9, CCT >=3000K, CRI>=80, 10KV<=Surge protection >=3KV, THD <=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
90	264	Volume II, Section 7	SITC of 40 nos. 15 W to 25 W Warm White / White LED Narrow beam Round Projector with accessories and connection cable & foundation	Should be read as per attached GTP- Refer annexure 19(IP-65,IK-08/09, Luminious efficacy-70-80lm/w, power factor>=min 0.95, CCT=3000/4000K, CRI=80, Surge protection =5KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious =>70 lm/watt, power factor >=0.9, CCT>=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
91	264	Volume II, Section 7	SITC of 4 nos. 16 M Umbrella mast with raising lowering Head frame .350 W LED Flood including High mast lighting DB, power cable and all accessories & foundation.	Should be read as per attached GTP- Refer annexure 4(IP-66,IK-08, Luminious-120-125lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=90lm/watt, power factor >= 0.9, CCT>=3000k, CRI=70+, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).F96:F97
92	264	Volume II, Section 7	SITC of 30 nos. 54 W Warm White /White LED Narrow / medium/ wide	Should be read as per attached GTP- Refer annexure 14(IP-66,IK-08, Luminious efficacy-80-100lm/w, power factor>=min0.9, CCT=4000K, CRI=80, Surge protection =6KV, life=80000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=100lm/watt, power factor >=0.9, CCT >=3000, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
93	265	Volume II, Section 7	100 nos. SITC 9W Spike light	Should be read as per attached GTP- Refer annexure 8(IP-65,IK-08/09, Luminious-700-800lm/watt, power factor>=0.9, CCT=3000k-4000K, CRI=80, Surge protection =5KV, life=50000hrs)	As per RFP however, specification are as follows:, Luminious >=90lm/watt, power factor >=0.9, CCT >=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
94	265	Volume II, Section 7	SITC of 50 nos. 1.2 M Cast Iron decorative bollard with decorative LED fixture with DB and connection cable & foundation	Should be read as per attached GTP- Refer annexure 6(IP-65,IK-08, Luminious-70-80lm/watt, power factor>=0.9, CCT=4000K, CRI=80, Surge protection =10KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=70lm/watt, power factor >=0.9, CCT >=4000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
95	265	Volume II, Section 7	sitting / meditation with indirect illumination	Should be read as per attached GTP- Refer annexure 15(IP-65,IK-08, Luminious-2800-3100lm, power factor>=min0.92, CCT= 3000/4000K, CRI=80, Surge protection =5KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP however, specification are as follows: Luminious >=70lm/watt, power factor>=0.9, CCT >=3000K, CRI >=80, 10KV<=Surge protection >=3KV, THD<=10% Finalisation of specifications shall be done prior approval from Bhagalpur Smart City Limited (BSCL).
96	265	Volume II, Section 7	Decorative pole, Projector light & linear wall washer from architectural LED fixture range.	Should be read as per attached GTP- Refer annexure 13(IP-66,IK-08, Luminious-80-100lm/watt, power factor>=0.9, CCT = 4000/3000K, Surge protection =6KV, life=50000hrs, Total Harmonic Distortion<10%)	As per RFP.
97	265	Volume II, Section 7	Step lighting (LED strip)	Should be read as per attached GTP- Refer annexure 16(IP-65, Luminious efficacy-800-1000lm, power factor>=0.92, CCT=3000/4000k, Surge protection =5KV, life=25000hrs)	As per RFP.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
98				Queries regarding turnover of last financial year have esclanation is their on not.their shold be esclanation in financial turnover in five year.turnover as per bihar govt rule in as work experince.	As per S.No: 01, The Escalation Factor for the cost of works executed by the Contract agencies in different Financial Years was illustrated in Appendix of ITB of P.No:44 of RFP document for a period of Five Financial Years from 2014-15 to 2018-19 for ascertaining the Financial Turnover.
99				Time of completion is to be at least 24 months due monsoon and flood in near by area and minequary(sand/aggregates)	As per RFP.
100			As per tender PQ conditions Similar work asked is "G+2 BUILDING INCLUDING LANDSCAPING / HORTICULTURE DEVELOPMENT of site."	We have executed a PEB building of 12m height which is more than height of G+ 2 building.	As per RFP.
101	NIT		Earnest Money Depost (in Rs.):	Earnest Money Depost (in Rs.): 34,07,000.00 (1% of Estimated Cost)	As per RFP.
102	10		Period of Completion - 18 Months (Including Monsoon & Mobilization)	Period of Completion - 24 Months (Including Monsoon & Mobilization)	As per RFP.
103	22	4.3	c) experience in similar works which means any Construction of Sports complex for Cricket/Football/Badminton with Spectator view gallery including landscaping/horticulture OR Development of Open space / Beautification or Parks, including lanscaping/horticulture, Infrastructure projects; OR Building works which consists of minimum G+2 building including landscaping/horticulture & development of site. for each of the last five completed financial years and the current financial year till date and detail of works underway or contractually committed; and client who may be contacted for further information on these contracts.	c) experience in similar works which means any Construction of Sports complex for Cricket/Football/Badminton with Spectator view gallery including landscaping/horticulture OR Development of Open space / Beautification or Parks, including lanscaping/horticulture, Infrastructure projects; OR Building works which consists of minimum G+2 building including landscaping/horticulture & development of site. for any of the last five completed financial years and the current financial year till date and detail of works underway or contractually committed; and client who may be contacted for further information on these contracts.	Accepted.
104	23	4.4.4	b) The Lead partner shall meet the follows:ing qualifying criteria in proportion to the partnership in JV but not less than 51%.	b) The Lead partner shall meet the follows:ing qualifying criteria in proportion to the partnership in JV but not less than 50%.	Accepted.
105	25	4.5 A	(c) The contractor or his identified sub-contractor should possess required valid electrical license for executing the building electrification works and should have executed similar electrical works for a minimum amount (6% of total civil work) as indicated in Appendix to ITB (Section-2) in any one year.	(c) The contractor or his identified sub-contractor should possess required valid electrical license for executing the building electrification works and should have executed electrical works for a minimum amount (6% of total Contract Price) as indicated in Appendix to ITB (Section-2) in any one year.	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
106	25	4.5.A	(d) The Contractor or his identified sub-contractor should have executed similar water supply/sanitary Engineering works for a minimum amount(6% of total civil work) as indicated in Appendix to ITB (Section-2) in any one year	(d) The Contractor or his identified sub-contractor should have executed water supply/sanitary Engineering works for a minimum amount(6% of total Contract Price) as indicated in Appendix to ITB (Section-2) in any one year	Accepted.
107	26	4.7	A = Maximum value of civil engineering works executed in any one year during the last five financial years between 2014-15 and 2018-19 (updated to the price level of the year indicated in para 17 of Appendix to ITB) taking into account the completed as well as works in progress.	A = Maximum value of civil engineering works executed in any one year during the last five financial years between 2014-15 and 2018-19 (updated to the price level of the year indicated in para 15 of Appendix to ITB) taking into account the completed as well as works in progress.	Accepted.
108	26	4.7	M = Multiplication Factor (usually 1.5)	M = Multiplication Factor = 3	Accepted.
109	26	4.7	B = Value (updated to the price level of the year as indicated in para 17 of Appendix to ITB) of existing commitments and ongoing works to be completed during the next 18 months (period of completion of the works for which bids are invited)	B = Value (updated to the price level of the year as indicated in para 15 of Appendix to ITB) of existing commitments and ongoing works to be completed during the next 24 months (period of completion of the works for which bids are invited).	B = Value (updated to the price level of the year as indicated in para 15 of Appendix to ITB) of existing commitments and ongoing works to be completed during the next 18 months (period of completion of the works for which bids are invited).
110	27	Note: 2	Escalation factor (for computing common base value for works completed) is given in para 17 of Appendix to ITB.	Escalation factor (for computing common base value for works completed) is given in para 15 of Appendix to ITB.	Accepted.
111	31	12.1 Part I	Vi Form of Bid as specified in Section 8.	Deleted	Deleted.
112	31	12.1 Part II		I) Form of Bid as specified in Section - 8. II) Price bid as specified in Section - 9.	Accepted.
113	35	20.1	Bidders shall follows: the Method of online submission of bid as mentioned in Instruction to Bidders (for EPC contract) in section-1 and the bid should be submitted online latest by the date and time given also at item 13 Appendix to ITB	Bidders shall follows: the Method of online submission of bid as mentioned in Instruction to Bidders (for EPC contract) in section-1 and the bid should be submitted online latest by the date and time given also at item 12 Appendix to ITB	Accepted.
114	42	32.1	Within 14 days of receipt of the Letter of Acceptance, the successful Bidder shall deliver to the Employer a Performance security in any of the forms given in 32.2 for an amount equivalent to 5% of the Contract price.	Within 21 days of receipt of the Letter of Acceptance, the successful Bidder shall deliver to the Employer a Performance security in any of the forms given in 32.2 for an amount equivalent to 2% of the Contract price.	Accepted.
115	44	Sr. No. 5	Liquid assets and/or availability of credit facilities is Rs.8.52 Crores (25% of Project Cost)	Liquid assets and/or availability of credit facilities is Rs.3.41 Crores (10% of Project Cost)	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
116	52	1.3.1	In case lowest quote is made by more than one bidder, then the bidder who has successfully completed and attached completion certificate while submitting online bid for more number of similar projects worth not less than Rs 25.00 Crores or more in the last 3 years would be awarded the work. In case of Joint Venture although the qualifying criteria is satisfied collectively by the joint venture for which the number of similar works attributed to each member of the joint venture is added; the computation for member of building projects for award of work to the joint venture in case of lowest quote would be computed on pro-rata basis of their participation in the JV and not by simply summing arithmetically, the number of similar building projects worth not less than Rs 25.00 Crore or more. Still, if there is a tie, lottery system will be followed to award the contract.	In case lowest quote is made by more than one bidder, then the bidder who has successfully completed and attached completion certificate while submitting online bid for more number of similar projects in the last 3 years would be awarded the work. In case of Joint Venture although the qualifying criteria is satisfied collectively by the joint venture for which the number of similar works attributed to each member of the joint venture is added; the computation for member of building projects for award of work to the joint venture in case of lowest quote would be computed on pro-rata basis of their participation in the JV and not by simply summing arithmetically, the number of similar building projects worth not less than Rs 25.00 Crore or more. Still, if there is a tie, lottery system will be followed to award the contract.	In case lowest quote is made by more than one bidder, then the bidder who has successfully completed and attached completion certificate while submitting online bid for more number of similar projects in the last 3 years would be awarded the work. In case of Joint Venture although the qualifying criteria is satisfied collectively by the joint venture for which the number of similar works attributed to each member of the joint venture is added; the computation for similar projects for award of work to the joint venture in case of lowest quote would be computed on pro-rata basis of their participation in the JV and not by simply summing arithmetically, the number of similar projects. Still, if there is a tie, lottery system will be followed to award the contract.
117	54	1.6	Qualifications and experience of key personnel required for administration and execution of the Contract [Ref. Clause 4.5(B)(b)]. Attach biographical data. Refer also to sub Clause 4.3 (e) of Instructions to Bidders and Sub Clause 6.9 of the Conditions of Contract.	Qualifications and experience of key personnel required for administration and execution of the Contract [Ref. Clause 4.5(B)(b)]. Attach biographical data. Refer also to sub Clause 4.3 (e) of Instructions to Bidders.	Accepted.
118	55	1.7	Attach copies of certificates on possession of valid license for building electrification / [Reference Clause 4.5A(d), Clause 4.5A(c) of ITB].	Attach copies of certificates on possession of valid license for building electrification / [Reference Clause 4.5A(c) of ITB].	Accepted.
119	70	3.2	The Contractor shall not allow to sub-contract Works.	The contractor is/are allowed to sub-contract works amounting 10% of contract price.	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
120	80	7.1.1	<p>The Contractor shall, for the performance of its obligations hereunder, provide to the Authority, within 15 (fifteen) days of the date of this Agreement, an irrevocable and unconditional guarantee, for an amount equal to 5% (five percent) of the Contract Price, from a Bank in the form set forth in Annex-I of Schedule-F (the "Performance Security"). The Performance Security shall be valid until 60 (sixty) days of the expiry of the Defects Liability Period specified in Clause 15.1.1. Until such time the Performance Security is provided by the Contractor pursuant hereto and the same comes into effect, the Bid Security shall remain in force and effect, and upon such provision of the Performance Security, the Authority shall release the Bid Security to the Contractor. For the avoidance of doubt, the Parties expressly agree that the Contractor shall provide, no later than 30 (thirty) days prior to the expiry of the Performance Security for the Defects Liability Period specified in Clause 15.1.1, a Performance Security in respect of the extended Defects Liability Period as</p>	<p>The Contractor shall, for the performance of its obligations hereunder, provide to the Authority, within 21 (twenty one) days of the date of Letter of Acceptance (LOA), an irrevocable and unconditional guarantee, for an amount equal to 2% (two percent) of the Contract Price, from a Bank in the form set forth in Annex-I of Schedule-F (the "Performance Security"). The Performance Security shall be valid until 28 (Twenty-Eight) days of the expiry of the Defects Liability Period specified in Clause 15.1.1. Until such time the Performance Security is provided by the Contractor pursuant hereto and the same comes into effect, the Bid Security shall remain in force and effect, and upon such provision of the Performance Security, the Authority shall release the Bid Security to the Contractor. For the avoidance of doubt, the Parties expressly agree that the Contractor shall provide, no later than 30 (thirty) days prior to the expiry of the Performance Security for the Defects Liability Period specified in Clause 15.1.1, a Performance Security in respect of the extended Defects Liability Period, as specified in Clause 15.1.2, for an amount equal to 2% (two percent) of the Contract Price.</p>	Accepted.
121	80	7.1.3	<p>In the event the Contractor fails to provide the Performance Security within 15 (fifteen) days of the date of this Agreement, it may seek extension of time for a period not exceeding a further 15 (fifteen) days on payment of Damages for such extended period in a sum calculated at the rate of 0.05% (zero point zero five percent) of the Contract Price for each day until the Performance Security is provided.</p>	<p>In the event the Contractor fails to provide the Performance Security within within 21 (twenty one) days of the date of Letter of Acceptance (LOA), it may seek extension of time for a period not exceeding a further 15 (fifteen) days on payment of Damages for such extended period in a sum calculated at the rate of 0.05% (zero point zero five percent) of the Contract Price for each day until the Performance Security is provided.</p>	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
122	81	7.2	<p>7.2 Extension of Performance Security The Contractor may initially provide the Performance Security for a period of 18 months; provided that it shall procure the extension of the validity of the Performance Security, as necessary, at least 2 (two) months prior to the date of expiry thereof. Upon the Contractor providing an extended Performance Security, the previous Performance Security shall be deemed to be released and the Authority shall return the same to the Contractor within a period of 7 (seven) business days from the date of submission of the extended Performance Security.</p>	<p>7.2 Extension of Performance Security The Contractor may initially provide the Performance Security for a period of 24 months; provided that it shall procure the extension of the validity of the Performance Security, as necessary, at least 2 (two) months prior to the date of expiry thereof. Upon the Contractor providing an extended Performance Security, the previous Performance Security shall be deemed to be released and the Authority shall return the same to the Contractor within a period of 7 (seven) business days from the date of submission of the extended Performance Security.</p>	As per RFP.
123	82	7.5.3	<p>The Contractor may, upon furnishing an irrevocable and unconditional bank guarantee substantially in the form provided at Annex-II of Schedule-F, require the Authority to refund the Retention Money deducted by the Authority under the provisions of Clause 7.5.1. Provided that the refund hereunder shall be made in tranches of not less than 1% (one per cent) of the Contract Price.</p>	<p>On Completion of the whole of the Works half the total amount retained is repaid to the Contractor and half when the Defects Liability Period has passed and the Engineer has certified that all Defects notified by the Engineer to the Contractor before the end of this period have been corrected. (Annex-II of Schedule-F)</p>	Accepted.
124	86	10.1.3	<p>Part II Programme for completion of all stages of construction given in Schedule-G and Project Milestones of the Works as specified in Project Completion Schedule set forth in Schedule-I. The Programme shall include:</p>	<p>Part II Programme for completion of all stages of construction and Project Milestones of the Works as specified in Project Completion Schedule set forth in Schedule-I. The Programme shall include:</p>	Accepted.
125	91	10.3.1	<p>10.3 Construction of the Project The Contractor shall construct the Project in conformity with the Specifications and Standards set forth in this RFP. The Contractor shall be responsible for the correct positioning of all parts of the Works, and shall rectify any error in the positions, levels, dimensions or alignment of the Works. The 18 months from the Appointed Date shall be the scheduled completion date (the "Scheduled Completion Date") and the Contractor agrees and undertakes that the construction shall be completed on or before the Scheduled Completion Date, including any extension thereof.</p>	<p>10.3 Construction of the Project The Contractor shall construct the Project in conformity with the Specifications and Standards set forth in this RFP. The Contractor shall be responsible for the correct positioning of all parts of the Works, and shall rectify any error in the positions, levels, dimensions or alignment of the Works. The 18 months from the Appointed Date shall be the scheduled completion date (the "Scheduled Completion Date") and the Contractor agrees and undertakes that the construction shall be completed on or before the Scheduled Completion Date, including any extension thereof.</p>	As per RFP.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
126	91	10.3.3	The Authority shall notify the Contractor of its decision to impose Damages in pursuance of the provisions of this Clause 10.3. Provided, however, that no deduction on account of Damages shall be effected by the Authority without taking into consideration the representation, if any, made by the Contractor within 20 (twenty) days of such notice. The Parties expressly agree that the total amount of Damages under Clause 10.3.2 shall not exceed 10% (ten percent) of the Contract	The Authority shall notify the Contractor of its decision to impose Damages in pursuance of the provisions of this Clause 10.3. Provided, however, that no deduction on account of Damages shall be effected by the Authority without taking into consideration the representation, if any, made by the Contractor within 20 (twenty) days of such notice. The Parties expressly agree that the total amount of Damages under Clause 10.3.2 shall not exceed 5% (five percent) of the Intial Contract Price rounded off to nearest thousand.	Accepted.
127	110	15.1.1	The Contractor shall be responsible for all the Defects and deficiencies, except usual wear and tear in the Project or any Section thereof, till the expiry of a period of Two (02) years commencing from the date of Provisional Certificate or expiry of a period of eighteen (18) months from the date of issue of completion certificate, whichever is later (the "Defects Liability Period").	The Contractor shall be responsible for all the Defects and deficiencies, except usual wear and tear in the Project or any Section thereof, till the expiry of a period of one (1) year commencing from operation & maintenance period(together) means date of commencement of operation & maintenance & Defect Liability Periond will be same.	Accepted.
128	117	17.2.3	At any time, after 60 (sixty) days from the Appointed Date, the Contractor may apply to the Authority for the 2nd (second) installment of the Advance Payment along with an irrevocable and unconditional guarantee from a Bank for an amount equivalent to 110% (one hundred and ten per cent) of such installment, substantially in the form provided at Annex-III of Schedule-F, to remain effective till the complete and full repayment of such installment and any interest thereon.	At any time, after 128 (One Hundred Twenty Eight) days from the Appointed Date, the Contractor may apply to the Authority for the 2nd (second) installment of the Advance Payment along with an irrevocable and unconditional guarantee from a Bank for an amount equivalent to 110% (one hundred and ten per cent) of such installment, substantially in the form provided at Annex-III of Schedule-F, to remain effective till the complete and full repayment of such installment and any interest thereon.	As per RFP.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
129	117	17.2.5	<p>The Advance Payment shall be recovered through proportionate deductions to be made in the Interim Payments Certificates issued in accordance with the provisions of Clause 17.5.2. Deductions of Advance Payment shall commence from the Interim Payment Certificate in which the cumulative interim payments certified shall have reached 50% (fifty per cent) of the Contract Price. The total amount recovered in each Interim Payment Certificate shall not exceed 30% (thirty per cent) of the amount due and payable under such Interim Payment Certificate, which shall include interest on the amount being recovered hereunder. For the avoidance of doubt, the Parties agree that in the event the total payment specified in any Interim Payment Certificate exceeds the limit of 50% (fifty per cent) of the Contract Price, the proportion of recovery hereunder shall be restricted to the amount exceeding 50% (fifty per cent) of the Contract Price. By way of illustration, the Parties agree that if the first recovery of say, Rupees 'x' is made after 20 (twenty) months from the date of 1st (first) installment of the Advance Payment, interest on Rupees 'x' shall be due and payable for a period of 20 (twenty) months; and when the next recovery is made in the following month for say, Rupees 'y', interest on Rupees 'y' shall be due and payable for a period of 21 (twenty one) months. The Parties further agree that no payments in excess of 90% (ninety per cent) of the Contract Price shall be released to the Contractor until the Advance Payment, including interest thereon, has been fully recovered.</p>	<p>The Advance Payment shall be recovered through proportionate deductions to be made in the Interim Payments Certificates issued in accordance with the provisions of Clause 17.5.2. Deductions of Advance Payment shall commence from the Interim Payment Certificate in which the cumulative interim payments certified shall have reached 20% (twenty percent) of the Contract Price or 6(six) months from the date of payment of first installment of advance whichever period concludes earlier. The total amount recovered in each Interim Payment Certificate shall not exceed 20% (twenty per cent) of the amount due and payable under such Interim Payment Certificate, plus interest on the amount being recovered hereunder. For the avoidance of doubt, the Parties agree that in the event the total payment specified in any Interim Payment Certificate exceeds the limit of 20% (twenty per cent) of the Contract Price, the proportion of recovery hereunder shall be restricted to the amount exceeding 20% (twenty per cent) of the Contract Price. By way of illustration, the Parties agree that if the first recovery of say, Rupees 'x' is made after 20 (twenty) months from the date of 1st (first) installment of the Advance Payment, interest on Rupees 'x' shall be due and payable for a period of 20 (twenty) months; and when the next recovery is made in the following month for say, Rupees 'y', interest on Rupees 'y' shall be due and payable for a period of 21 (twenty one) months. The Parties further agree that no payments in excess of 90% (ninety per cent) of the Contract Price shall be released to the Contractor until the Advance Payment, including interest thereon, has been fully recovered.</p>	Accepted.
130	118	17.5.1	<p>Within 10 (ten) days of receipt of the Stage Payment Statement from the Contractor pursuant to Clause 17.4, the Authority's Engineer shall broadly determine the amount due to the Contractor and recommend the release of 90% (ninety per cent) of the amount so determined as part payment against the Stage Payment Statement, pending issue of the Interim Payment Certificate by the Authority's Engineer. Within 10 (ten) days of the receipt of recommendation of the Authority's Engineer, the Authority shall make an electronic payment thereof directly to the Contractor's bank account.</p>	<p>Within 10 (ten) days of receipt of the Stage Payment Statement from the Contractor pursuant to Clause 17.4, the Authority's Engineer shall broadly determine the amount due to the Contractor and recommend the release of 70% (seventy per cent) of the amount so determined as part payment against the Stage Payment Statement, pending issue of the Interim Payment Certificate by the Authority's Engineer. Within 10 (ten) days of the receipt of recommendation of the Authority's Engineer, the Authority shall make an electronic payment thereof directly to the Contractor's bank account.</p>	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
131	122	17.16	<p>Bonus for early completion</p> <p>In the event that the Project Completion Date occurs prior to the Scheduled Completion Date, the Contractor shall be entitled to receive a payment of bonus equivalent to 0.03% (zero point zero three percent) of the Contract Price for each day by which the Project Completion Date precedes the Schedule Completion Date, but Subject to a maximum of 3% (three percent) of the Contract Price. Provided, however, that the payment of bonus, if any shall be made only after the issue of the Completion Certificate. For the avoidance of doubt, the Parties agree that for the purpose of determining the bonus payable hereunder, the Contract Price shall always be deemed to be the amount specified in Clause 17.1.1, and shall exclude any revision thereof for any</p>	<p>In case, the contractor completes the work ahead of scheduled completion time, a bonus @ 1% (one percent) of the tendered value per month computed on per day basis, shall be payable the contractor, subject to a maximum limit of 5% (five percent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work.</p>	Accepted.
132	184	Project Completion Schedule	Column-04: Time Period-18 Months Period	<p>Schedule I</p> <p>Column-04: Time Period-24 Months</p>	As per RFP.
133	185	Project Completion Schedule	<p>Schedule Completion Date</p> <p>5.1 The Schedule Completion Date shall be the 18 months from the Appointed Date</p>	<p>Schedule Completion Date</p> <p>5.1 The Schedule Completion Date shall be the 24 months from the Appointed Date</p>	As per RFP.
134	198	Schedule M	Column-04: Time Period-18 Months Period	<p>Schedule I</p> <p>Column-04: Time Period-24 Months</p>	As per RFP.
135	212	Contract Data	4. The Defect Liability Period is Two Years from the date of completion of the project work.	4. The Defect Liability Period is one (1) year commencing from date of issue of completion certificate.	Accepted.
136	212	Contract Data	6. The Intended Completion Date for the whole of the Works is 18 months after agreement. For detail refer Important Milestone and Key Time periods under Contract Section-4 (Conditions of Contract) and reproduced below:	6. The Intended Completion Date for the whole of the Works is 24 months after agreement. For detail refer Important Milestone and Key Time periods under Contract Section-4 (Conditions of Contract) and reproduced below:	As per RFP.
137	214	Contract Data	13. Limit of subcontracting; 70% of the initial contract price only for peripheral works but major works like foundation, superstructure shall not be subcontracted unless until new emerging technology is proposed by the contractor which is approved by BSCL / Employer.	13. Limit of subcontracting; 10% of the initial contract price only for peripheral works but major works like foundation, superstructure shall not be subcontracted unless until new emerging technology is proposed by the contractor which is approved by BSCL / Employer.	Accepted.

Sl. No.	RFP Page No.	Clause No.	Description as per RFP	Queries / Suggestions	BSCL CLARIFICATION
138	216	Contract Data	24. Amount of liquidated damages for delay in completion of works - for whole work: (1/2000) of the initial contract price, rounded off to the nearest hundred, per day - (GCC CL 8.7).	24. Amount of liquidated damages for delay in completion of works - for whole work: (1/2000) of the initial contract price, rounded off to the nearest hundred, per day - (GCC CL 10.3.2).	Accepted.
139	216	Contract Data	25. Maximum limit of liquidated damages for delay in completion work - 10 % of the initial contract price rounded off to the nearest thousand.	25. Maximum limit of liquidated damages for delay in completion work - 5 % of the initial contract price rounded off to the nearest thousand.	As per RFP.
140	7	1.(b)	Additional Scope of work		All trees existing shall be coated with anti termite coating with prior approval of BSCL.
141	7	1.(b)	Additional Scope of work		Landscape area shall be 12000 square meter.
142	7	1.(b)	Additional Scope of work		Cleaning of two existing Pond shall be done.
143	All places in RFP.		Defect Liability Period		Revised to one (1) Year and shall commence together with operation and maintenance.

Sd/-
Chief Executive Officer