

Name of Work	Design, Supply, Installation and Maintenance of LED Street Lights and Centralized Control And Monitoring System of selected spine roads in the city of Guwahati and operation and maintenance for period of 1 (One) year.				
Tender	Tender Notice No.			Date of Pre-Bid Meeting-	02.08.2018
	SPV/GSCL/DEV/45/2017/4				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
<b>Volume I &amp; II</b>					
1	Volume II: Technical Specifications & Drawings ; Section 4.1.2 Page No- 05	The minimum Lux level and Uniformity requirements of each ROW.....	Philips	The Minimum Value of Average illumination to be achieved and uniformities for each RoW is.....	Noted. The Lux levels referred shall be Average Lux levels.
2	Volume II: Technical Specifications & Drawings ; Section 4.1.8 e Page No 07	Only Step-less Dimming shall be provided for the Luminaires where applicable.	Philips	As in Vol II Tech Specs on page 23(9.4.5), dimming steps are mentioned ;Dimming should be possible from 10 to 100% however, dimming shall be carried out in steps as follows..... Need clarification as outdoor controls do not need step less dimming, we suggest for Multi step dimming, >5 steps (Excluding On & Off) to be facilitated for seamless and gradual variation in lighting level which can also be changed at a later stage at site.	Incase Step less dimming is not possible then multistep dimming can be considered to get a smooth transition of light. Min 5 steps is acceptable.
3	Volume II: Technical Specifications & Drawings ; Section 5 Page No 10	Detailed field survey	Philips	Successfull Bidder to undertake the detailed survey to ...	Prospective Bidders are expected to carry out only preliminary survey for understanding the site conditions and include all possible elements/ components that are not specifically mentioned in the specifications while making the estimate. Detailed survey shall be carried out by Successful Bidder. Tender clause shall prevail
4	Volume II: Technical Specifications & Drawings ; Section 7.3.23 Page No 16	Additionally, as per ANSI C 136.2-2014/ UL-1449, External Surge protection device (SPD) with Thermal Protection (TMOVs) of minimum 20 kV/ 10 kA to be separately installed with each fixture. The same shall be certified from independent lab and follow IEC 62305 & IEC 61643-11-2011	Philips	Additionally, as per ANSI C 136.2-2014/ UL-1449, External Surge protection device (SPD) with Thermal Protection (TMOVs) of minimum 10 kV/ 10 kA to be separately installed with in each fixture while an additional surge arrestor of 20kV/10kA can be installed inside Feeder Pillar / CCMS panel. The same shall be certified from independent lab and follow IEC 62305 & IEC 61643-11-2011	Noted, Minimum 10kV/ 10 kA TMOVs Shall be installed in each fixture and Additional Surge Arrestor of 20 kV/ 10 kA to be installed inside feeder pillar centrally to protect the Luminaire and the system from surges. Refer Amendment.
5	Volume II: Technical Specifications & Drawings ; Section 9.4.5 Page No 23	....Moreover, the dimmable Luminaires shall be switched ON and switched Off in steps and in synch with the natural light during Sun rise and Sun Set time	Philips	Sun set and Sun rise can be controlled by an astronomical timer, the Bidder needs to provide more intermediate steps between Sun set & Sun rise time. We envisage Multi step dimming apart from three steps provided for control.	It is expected that the light output shall be gradually decreased and increased to minimum or maximum output capacity respectively during sunrise and sunset by dimming. The other dimming criteria during the operation period are independent of the above.
6	Volume II: Technical Specifications & Drawings ; Section 9.4.6 (h) Page No 23	Battery Backup for Minimum 6 Hrs shall be provided for the controller to store the data in case of power failure	Philips	System should be sufficiently provide the back up to the controller so that data is not lost. Battery back up to ensure that data is to be transferred to Server / Cloud immediately in the event of power failure.	Tender Caluse shall prevail
7	Volume II: Technical Specifications & Drawings ; Section 9.7.1 Page No 26	The Controller (CPU), Communication module etc. shall be provided with battery backup for 12 Hrs to function during failure of grid power	Philips	System should be sufficiently provide the battery back up to the controller so that to ensure data is transferred to Server / Cloud immediately in the event of power failure	Kindly refer above query. The Controller (CPU), Communication module etc. shall be provided with battery backup for 6 Hrs to function during failure of grid power. Refer Amendment.
8	Volume II: Technical Specifications & Drawings ; Section 9.8.19 Page No 27	Software to have complaint handling system for light failures, with citizen interface and means of communicating repair update to complaining citizen through SMS.	Philips	The CCMS application software is for access by City Corporation Authority only and Citizens can access dedicated 24x7 call centre number to register any complaints and get feedback on the same.	CCMS and Complaint Handling System or Complaint Management System shall be two different softwares. CCMS shall be for the controlling and monitoring of Street Light and the Complaint handling system software shall be implemented for handling and resolution of complaints during O&M period. The access for the complaint handling system shall be given to general public either through web portal of GSCL/GMC or through dedicated APP for lodging complaints
9	Volume II: Technical Specifications & Drawings ; Section 11.20.1 (d) Page No 33	Illuminance of each road shall be checked every fortnightly and reported to GSCL.	Philips	Road sections to be selected where measurement is to be carried out periodically. Measurement is to be done twice in a year	Noted. Illuminance of each road shall be checked every Quarterly and reported to GSCL. Refer Amendment.

10	Volume II: Technical Specifications & Drawings ; Section 8.17(m) Page No 21	CONTRACTOR shall provide provision for connection through SIM, Ethernet...	Philips	Who will bear the running cost of SIM during O&M and afterwards..SIM will be on name of GSCL?	Kindly refer the clause no 11.8 in Vol-II. It is clearly mention that, Contractor shall bear cost of connectivity charges and pay monthly/annually as the case may be to telecom operator during the contract period. Sim shall be registered in the name of GSCL.
11	Volume II: Technical Specifications & Drawings ; Section 9.8.26 Page No 28	All Software's License shall be in the name.....	Philips	Need clarification on this,as API integraton of street light with command control is not considered in this,it will be on extra price basis ,who will pay for this?License fee is for software and related upgrades after O&M period,will it be bear by GSCL?As O&M period is only one year.	Provision for API for future integration with the command control centre shall be included in the presently offered software package. All softwares shall be one time purchase in the name of GSCL.The charges towards the maintenance and upgrades of the software for the next 7 years beyond the contract period of one year shall be included in the above price. Refer Amendment
12	Volume I: Instruction to Bidders;Section 3.0 RFP Bid Data Sheet(12) Page No 8	Bid Security/Earnest Money Deposit (EMD)...Rs. 98.00/- Lakhs.(Rupees One Crore and Ten Lakhs only) in form of Demand Draft in favor of MD.....	Philips	values are mismatching	Noted. In words, It shall be Rs. Ninety Eight Lakh(s) Only, in form of Demand draft. Refer Amendment.
13	Volume I: Instruction to Bidders;Section 3.0 RFP Bid Data Sheet(16) Last Date and time for on line bid submission. Page No 8	28-02-2018 Up to 1500 hrs	Philips	Request you to extend by minimum three weeks(21days) as RFP demands detailed field survey	Prospective Bidders are expected to carry out only preliminary survey for understanding the site conditions and include all possible elements/ components that are not specifically mentioned in the specifications while making the estimate. Detailed survey shall be carried out by Successful Bidder. Tender clause shall prevail
14	Volume I: Instruction to Bidders;Section 6 Page No 14	Eligible BIDDERS	Philips	Need clarification ;if Bidder/contractor is quoting as per his eligibility ,can he use OEM credentials of connected street lights points?	Tender Caluse shall prevail
15	Volume-I Section-6.1 Page No 14	The BIDDER must be an Original Equipment Manufacturer(OEM) or an experienced Contractor/ ESCO fulfilling the following criteria;	Havells	The BIDDER must be an Original Equipment Manufactur(OEM) or an experienced <b>System Integrator</b> /Contractor/ ESCO fulfilling the following criteria;As this job requires Infrastructure works request to amend sole bidder eligibility clause as the approved manufactures profile is Selling aberration apart.	Tender Caluse shall prevail
16	Volume-I Section 6.1.1 Eligible Bidder Page No 15	The BIDDER can either be a Sole BIDDER or a Joint Venture. The Sole BIDDER / All members of the Joint Venture should be registered entity under Company Act 1956/2013. The Sole BIDDER / Lead member in Joint Venture should have valid registration certifi cates in Class-I category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorit ies of Indian State valid in the State of Assam.	Havells	Kindly amend as The BIDDER can either be a Sole BIDDER or a Joint Venture. The Sole BIDDER / All members of the Joint Venture should be registered entity under Company Act 1956/2013. <b>The Sole BIDDER / Any member</b> in Joint Venture should have valid registration certifi cates in Class-I category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorit ies of Indian State valid in the State of Assam.	Tender clause shall Prevail
17	Vol-I Section 6.1.3 Eligible Bidder Page No 15	The BIDDER should have completed projects related to Urban & Rural Street lighting including erection of poles, luminaries, feeder pillar, cabling & earthing during last f ive (5) f inancial years having f inancial credentials as follows; One project costing not less than Rs.39.28/- Cr. Or (a) Two projects each costing not less than Rs.24.55 Cr. Or (b) Three projects each costing not less than Rs.19.64 Cr.	Havells	Kindly amend as The BIDDER should have completed projects related to <b>Urban &amp; Rural Street lighting or other similar security related project</b> including erection of poles, luminaries/cctv camera, feeder pillar, cabling & earthing during last f ive (5) f inancial years having f inancial credentials as follows; One project costing not less than Rs.39.28/-Cr. Or (a) Two projects each costing not less than Rs.24.55 Cr. Or (b) Three projects each costing not less than Rs.19.64 Cr.	Tender Clause shall prevail
18	Vol-I Section 7.3.1 Eligible Bidder Page No 14	Luminaire Description	Havells	Kindly include the clause of Bidder/OEM having inhouse manufacturing facility with NABL accrediatd testing laboratory	Tender Clause shall prevail
19	Volume-I Section 13.1 Earnest Money Deposit Page No 20	EMD as specified in the Bid data sheet shall be paid in the form of Demand Draft / Bank Guarantee from a Nat ionalized bank, having branch at Guwahati.	Havells	EMD as specified in the Bid data sheet shall be paid in the form of Demand Draft / Bank Guarantee from a Nationalized bank/Scheduled Bank, having branch at Guwahati	Noted. EMD as specified in the Bid data sheet shall be paid in the form of Demand Draft / Bank Guarantee from a Nationalized bank/Scheduled Bank, having branch at Guwahati.
20	Volume I: Instruction to Bidders Page No 15	It should have its own Lighting Management Sof tware (LMS) which is operative for last 5 years	Havells	As LMS is a new Technology should be operative for last 2 years	Noted.Criteria revised to 4 years for OEM as well as Outsourced LMS. Refer Amendment.
21	Volume I: Instruction to Bidders Page No 15	640 nos. of LED Street Lighting Luminaries with poles shall have been installed in one single work order with any Go	Havells	With Poles should be diluted	Tender Clause shall prevail
22	Volume I: Instruction to Bidders Page No 15 Point 6.2	640 nos. of LED Street Lighting Luminaries with poles shall have been installed in one single work order with any Government	Havells	With Poles should be diluted	Tender Clause shall prevail
23	Volume I: Instruction to Bidders Clause 44.4 Page No 39	Clause 42- Table 5 Delivery Schedule-End of Commissioning T0+210 days	Havells	Kindly consider to amend/Extend dates	Tender Clause shall prevail

24	Volume I: Instruction to Bidders Clause 44.4 Page No 39	On satisfactory completion of Supply, installation, testing, commissioning & smooth functioning of LED Smart Street Lighting poles with all accessories as mentioned in <u>BOQ for quantity installed- 60%</u> .	Havells	Request to amend to 80%	Tender Clause shall prevail
25	Volume II: Technical Specifications & Drawings Clause 2.11 Page No 4	The CONTRACTOR shall also liaison with DISCOM and other Govt. Bodies like PWD, CEIG, water board etc. for obtaining valid permission to work.	Havells	Request to amend Liaisoning with Discom at Authority level	Tender Clause shall prevail.
26	Volume II: Technical Specifications & Drawings Page No 4	All the responsibilities related to installation of smart street lighting system in the identified Spine roads shall be borne by CONTRACTOR in respect of cost, managing the technical barrier and other related aspect.	Havells	Technical barrier scope to be clearly defined.	Technical barrier means technical problems if any.
27	Volume II: Technical Specifications & Drawings Clause 4.18 Page No 4	4.1 The following criteria shall be followed for designing the CCMS system for the <u>Identified roads</u> .			
a	Volume II: Technical Specifications & Drawings	b-Group ON-OFF Plus Dimming shall be provided for the roads having Lights equal to or above 90W.	Havells	Kindly Clarify Group Dimming or Individual dimming required	Group ON-OFF plus Group Dimming - Group ON/OFF for fittings less than 90W and Group ON/OFF + Group Dimming for Fittings rated equal to or greater than 90W
b	Volume II: Technical Specifications & Drawings Clause 4.1.8 ( C )	C-Dimming shall be possible up to 100% of the rated output.	Havells	Kindly Clarify dimming to be maintained at 50% to maintain safety	Dimming shall be possible from min 25% to 100% output range however programming shall made as per site requirement. Refer Amendment.
28	Volume II: Technical Specifications & Drawings 5.1.3 Page No 11	A Detailed Project Report (DPR) shall be submitted by CONTRACTOR incorporating the survey findings and Offered Solutions including design calculations and BOQ for the Luminaires and infrastructural components.	Havells	Request to amend this clause as attend DPR is prepared by and Independednt consultant on chrgable basis	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
29	Volume II: Technical Specifications & Drawings 7.3.11 Page No 15	All Luminaires shall conform to RoHS/CE/ERTL/ERDI requirements.	Havells	LED conforms to ROHS and ERTL is meant for testing To be interpreted accordingly	Noted, Lumianires shall be UL certified as well. Refer Amendment.
30	Volume II: Technical Specifications & Drawings TABLE NO. 5 Page No 41	LUMINAIRE DATA SHEET clause 3. Rated Voltage 230V	Havells	to be amended to 230 -240v	Accepted
31	Volume II: Technical Specifications & Drawings point 7 Page 42	LED wattage 3 watt	Havells	Kindly amend to 1-5W	Tender clause shall prevail
32	Volume II: Technical Specifications & Drawings Point 9 Page No 42	LED drive Current >=350 mA<750 mA	Havells	kindly amend to >350 mA to 1200 mA as per standrad Industry norms Also to be stated in accordanced that the manufacturer will give assurance of safety and reliability which should be the prime perogative	Tender clause shall prevail
33	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.1.1 Page No 15	All members of the Joint Venture should be registered entity under Company Act 1956/2013.	Suveg	Registered Partnership Firms should also be considered	Tender clause shall prevail
34	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.1.2 Page No 15	The OEM must have must have a sale of minimum 3800 nos. of LED Street light Luminaires in single work order during last 3 years in any city, with any government or <u>semi -government organizations</u> .	Suveg	With any Government or Semi Government organizations or Corporates	Projects with Private organisation/ Corporates are accepted. Refer Amendment.
35	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.3 Page No 15	The BIDDER should have installed a web enabled Centralized Control and Monitoring System (CCMS) for at least 640 nos. of LED light f fittings in a single work order or should have installed minimum 20 nos. controllers with a sof tware for a exist ing system of street lighting in last three 3 (Three) financial <u>years</u> .	Suveg	Experiance of 20 nos. Controllers is too less considering the size of the project. It should be minimum 1000 controllers.	Tender clause shall prevail
36	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.5 Page No 15	BIDDER shall be able to demonstrate the Lighting Management Sof tware with existing data established in other cities which is <u>capable to handle 350 street</u>	Suveg	Demonstration of Software with 350 nos. Street lights is too less considering the size of the project. It should be minimum 1000 Street Lights.	Tender clause shall prevail
37	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.6 Page No 16	Also this Original Equipment Manufacturer (OEM) must have the sale of minimum 3800 nos. LED Street light Luminaires in single work order during last 3 years in any city, with any government or semi -government <u>organizations</u> .	Suveg	With any Government or Semi Government organizations or Corporates	Projects with Private organisation/ Corporates are accepted. Refer Amendment.
38	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.11 Page No 16	The BIDDER should provide incorporat ion certificates to GSCL to authenticate the entity of <u>Firm/Company/ Joint Venture Entity</u> .	Suveg	Register of Firms Certificate should also be considered.	Tender clause shall prevail
39	Volume I: Instruction to Bidders, Section 7 - Joint Venture - 7.1 Page No 17	Joint venture entity of Maximum Two (2) firms/ members / companies, as partners shall be allowed for the works.	Suveg	Since you have asked for experiance of OEM, O&M & also Contracting experiance, JV consisting of 3 members should also be allowed. This will encourage more participation and healthy <u>competition</u> .	Tender clause shall prevail

40	Volume II: Technical Specifications & Drawings, Section 18 - Approved Makes Page No 40	Lighting Fixtures: Philips/ Wipro/ Bajaj/ Havells/Lighting Technology	Suveg	Equivalent Make offering your specifications should also be considered to encourage healthy competition.	In addition to offered Make list, Crompton, Syska, Osram or Similar/Equivalent brand of repute which have been used in other Smart City / City Lighting Projects. Refer Amendment.
41	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	LED Wattage: 1-3 Watt	Suveg	High Power Efficient LEDs from reputed manufacturers like CREE / Osram range from 1-6 Watt.	Tender clause shall prevail
42	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	LED Drive current $\geq 350$ mA < 750 mA	Suveg	LED Drive current $\geq 350$ mA < 1000 mA	Tender clause shall prevail
43	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	System efficacy > 100 lm/Watt	Suveg	System efficacy > 120 lm/Watt	Tender clause shall prevail
44	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 43	Luminaries body temperature after 12 hours of continuous operation $\leq 30$ Deg C from ambient	Suveg	$\leq 45$ Deg C from ambient	Tender clause shall prevail
45	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 43	Heat Sink Temperature $\leq 15$ C from ambient	Suveg	$\leq 35$ Deg C from ambient	Tender clause shall prevail
46	Volume II: Technical Specifications & Drawings, Section 22 List of Identified Roads Page No 49		Suveg	Pole Spacing is not specified. Kindly share the same for design purpose. Also, after freezing of technical specs, sufficient period should be allowed to carry out the required tests at NABL accredited labs about a month.	Kindly refer Scope of work as mentioned in 4.0 of Vol-I. As it is a design based tender, bidder has to provide design for Street Light system. Tender clause shall be prevailed refer to extra time period required for Carrying out test.
47	Volume II 9.3.1	The CCMS consists of the following:In the Field enclosed within the Feeder Pillar (FP) (a) Controller (b) Communication Module/ Gateway (c) Antenna (d) Battery Bank for 12 Hrs Back up	HPL	CCMS shall be separate entity wrt Feeder Panel. Please clarify Battery Bank Application in CCMS.	Centralised Control and Monitoring System ( CCMS) is separate entity wrt Feeder pillar. However, few components of the CCMS are installed in the Feeder Pillar for convenience. Battery back up is requested to support the controller during power failure so that all the data stored in the Controller is transmitted to the server before shutting off.
48	Volume II 9.3.4	All the LED Luminaires shall be Remotely/ Automatically/ Manually Switched ON-OFF in GROUP through Web Based Applications based on	HPL	For LED remotely operation, there is need a dedicated RF network.	Suitable and effective Communication network shall be provided by the Bidder as a part of its design.
49	Volume II 9.4.4	All the LED Luminaires which are rated equal to and above 90W shall be Dimmable whereas the rest of the lights shall be non-Dimmable	HPL	Is Dimmable Profile configurable or fixed? If configurable than there is need of RF communication.	Dimmable profile shall be Configurable. Suitable and effective Communication network shall be provided by the Bidder as a part of its design.
50	Volume II 9.4.6 (a)	Offer Web-based solution for Remote management on Real Time basis of theOutdoor Lighting System through wired or wireless GPRS/ 3G/ 4G/Fibre/ LAN/Wifi communication networks securely.	HPL	Is only one communication required out of them?	Bidder to decide.
51	Volume II 9.4.6 (b)	Capturing and monitoring the all the data from the Smart Energy meter to check the status of all the electrical parameters available at the FP	HPL	What meaning by Smart in Smart Energy Meter?	It won't be a smart meter but a multifunctional meter (MFM). Kindly refer clause no 8.17 (i) of Vol-II for further clarification.
52	Volume II 9.4.6 (l)	Shall have protection logic to operate the hardware to automatically isolate the system during abnormal conditions and restart the system as soon as the system normalizes	HPL	Please more describe this clause.	The CCMS system should be provided with inbuilt protection logic such that it should be able to isolate the system in case of a fault to protect the system. However, the system should resume back once the abnormal conditions/ fault conditions are resolved/ eliminated.
53	Volume II 9.5.1	The Controller shall consist of CPU with minimum 32 bit processor, shall have inbuilt three phase power inputs, interface ports – USB, GPRS & Ethernet; internal health monitoring and logging facility; inbuilt flash memory for data storage; and shall support minimum 2 Analogue and 2 Digital inputs.	HPL	Communication responsibility is of Gateway not controller. There is mixing Controller and Gateway. What is the need of Digital and Analogue IO. Please describe application and Rating	Communication port in the Controller is required for communicating with other devices and not necessarily to act as an gateway. Provision for Analogue and Digital I/O are requested for future application like Photocell. However, it is understood that such provisions are taken care in the controller design. Hence the requirement of AI/AO and DI/Dos are removed from the scope. Refer Amendment.
54	Volume II 9.5.2	Controller shall have the provision to store last 30 days data at one hour interval. All these data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller front. For HHT, a smart phone based solution for collecting /accessing data is also acceptable	HPL	These all data accessible from Energy Meter.	Controller and Energy meter shall be functionally separate entity.

55	Volume II 9.5.2	Controller shall be provided with a 6 digit LCD to display the controller parameters/ data. Proper universal interface port (USB, Optical etc.) or device shall be provided to access all the stored data within the controller as well as to configure the controller locally either by a Hand Held Unit or by connecting to a laptop in a secured manner. Configuration allows user to set operating modes, ON/OFF timings, RTC configuration, Updating GPS locations, Astronomical Clock etc.	HPL	These all data accessible from Energy Meter. The above clause description mix with Gateway, Meter and Controller.	Refer Query no 56 above.
56	Volume II 9.6	Communication Module of the Controller in the FP The module shall operate on 240 V AC single phase power supply Ability to remotely upgrade the CCMS device firmware from central serve	HPL	allow local FW up gradation also	Local upgradation can also be carried out after roles and permissions requirements are fulfilled.
57	Volume II 9.7.1	Battery Module The Controller (CPU), Communication module etc. shall be provided with battery backup for 12 Hrs to function during failure of grid power.	HPL	As all system are shut down in power failure than why need Power Backup. For Data and RTC there is separate power backup.	Refer Query no 6 above. Min 6 Hrs back up shall be provided. Refer Amendment.
58	S. No. 12 of Bid data Sheet under Volume 1 at Page no. 8	Rs. 98.00/- Lakhs (Rupees One Crore and Ten Lakhs only)	HPL	Please clarify as amount mentioned in figures and words are not same.	Noted. In words, It shall be Rs. Ninety Eight Lakh(s) Only, in form of Demand draft. Refer Amendment.
59	Clause no. 6.1.1 under Eligible bidders under Volume I at page no. 14	The BIDDER can either be a Sole BIDDER or a Joint Venture. The Sole BIDDER / All members of the Joint Venture should be registered entity under Company Act 1956/2013. The Sole BIDDER / Lead member in Joint Venture should have valid registration certificates in Class-1 category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ unicipal Corporations and Development authorities of Indian State valid in the State of Assam	HPL	Please clarify that whether it is required for Class 1 category registration of OEM with mentioned departments.	If the Bidder is sole bidder and is an OEM or if the Lead Bidder in the JV is an OEM then it is required that the Bidder shall have Class 1 Category registration with the mentioned departments.
60	Clause no. 6.1.2 under Eligible bidders under Volume I at page no. 15	If the Bidder is an OEM then it should have Experience in Similar Nature of Works/Project including O&M apart from supplying the Luminaires for the project. It should have its own Lighting Management Software (LMS) which is operative for last five (5) years or it should have tied up with such partners who provide LMS services and are in the field for not less than seven (7) years. The OEM must have must have a sale of minimum 3800 nos. of LED Street light Luminaires in single work order during last 3 years in any city, with any government or semi-government organizations.	HPL	We would like to draw your kind attention towards the following facts 1) Incept of Intelligent Street light system / Automation in India started recently in last 2 years back. 2) Manufacturer of Intelligent Street light system and Street lights are usually not same. But we also in the field of manufacturing energy meters since decades. 3) We also supplied and installed the group controlled Street light automation systems (approx 5000 Nos.) in India at various locations. Work orders of same 3 years backs are enclosed for your reference. 4) First street light system for Individual Control system being designed manufactured and commissioned by us at Bhopal under smart city project. Work order of same is also been enclosed for your reference. Based on this, we request you to kindly amend the requirement of experience of 5 years to requirement of quantities of street light controllers / feeder panels so that more manufacturers can participate.	Noted. OEM should have its own Lighting Management Software (LMS) which is operative for last four (3) years or it should have tied up with such partners who provide LMS services and are in the field for not less than four (4) years. Refer Amendment.
61	Clause no. 6.1.3 under Eligible bidders under Volume I at page no. 15	The BIDDER should have completed projects related to Urban & Rural Street lighting including erection of poles, luminaries, feeder pillar, cabling & earthing during last five (5) financial years having financial credentials as follows; One project costing not less than Rs.39.28/-Cr. Or (a) Two projects each costing not less than Rs.24.55 Cr. Or (b) Three projects each costing not less than Rs.19.64 Cr.	HPL	We as manufacturer of LED lights and CCMS system have orders of LED Street lights with controller only which may not include Poles. We recommend to consider the financial and technical strength of bidder / contractors. There are very few LED projects which happened so far and it is by selected manufacturers (in case of poles only). This qualifying criteria seems to be favor only few selected bidders so we request you to consider only the credentials of LED manufacturers who have cumulatively completed the supply, installation and commissioning of LED projects of requisite values in last 3 years.	Experience of Conventional Street lights are also included since the exposure to LED street lights are less as qualifying criteria. Refer Amendment.

62	Clause no. 6.2 under Eligible bidders under Volume I at page no. 15	The BIDDER should have installed and commissioned at least 2800 nos. of LED Street Lighting Luminaires with pole in last five (5) financial years out of which at least 640 nos. of LED Street Lighting Luminaires with poles shall have been installed in one single work order with any Government or Semi -Government organization.	HPL	Please clarify that whether the requirement of Pole is required in single order. We recommend to consider only the order of LED lights and CCMS system. There are very few or negligible such LED projects floated in India and completed by single manufacturer. This qualifying criteria limit the bid to few selected manufacturers so we request you to kindly remove this clause so that multiple bidders can participate and bid becomes more healthy and competitive.	Noted. The BIDDER should have cumulatively installed and commissioned at least 2800 nos. of LED Street Lighting Luminaires and Conventional Street Light Luminaires (MH/ HPSV) with pole in last five (5) financial years with any Government/ Semi- Government organizations/ Private organizations or Corporate. Attested copies Letter of Award / Work Order Copy / Supply & Installation Completion Certificate/ Payment receipts/ Proof of release of performance security after completion of the contract/ Proof of settlement/ Release of final payment against the contract/ Certificate for successful completion of work/ Performance report by the client in prescribed form as specified in RFP document shall be submitted along with the bid. Refer Amendment.
63	Clause no. 6.7 under Eligible bidders under Volume I at page no. 16	The BIDDER should have an Average Annual Turnover of minimum Rs.14.73/-Cr in at least last five (5) financial years.	HPL	Considering the tender value of INR 49 Crores, the average annual turnover of INR 14.73 Crores seems very less. As this project involves upfront investment so the turnover should be atleast equal or greater than the estimated value.	Tender clause shall prevail
64	Clause no. 7.1 under Joint Venture under Volume I at page no. 17.	Joint venture entity of Maximum Two (2) firms/ members / companies, as partners shall be allowed for the works.	HPL	It is not necessary that the manufacturer of LED lights and CCMS systems are same. For execution, the contractor also involves. So we request you to kindly allow the consortium / Joint venture of at least 4 members considering that the manufacturer of LED lights, CCMS panels, Contractor and Financial partner.	Tender Clause shall prevail
65	Clause no. 44.4 under Payment terms under Volume I at page no. 40	On satisfactory completion of Supply, installation, testing, commissioning & smooth functioning of LED Smart Street Lighting Poles with all accessories as mentioned in BOQ for quantity installed- 60% (b) On satisfactory completion of Supply, installation, testing, commissioning & smooth functioning of CCMS boxes through web enabled software, generation of relevant reports, proper setup for monitoring of CCMS on daily basis, generation of necessary alerts at the time of faults/abnormal conditions for quantity installed- 30%	HPL	This project involves upfront procurement of lights, Poles, panels and wires / cable and some times due to unforeseen delay in installation / execution which is beyond control of bidder would leads to adverse affect on cash flow. So we request you to kindly not link the payment of supplied material with the installation. we propose the following: 60% of supply cost shall be released on receipt of material and balance 40% on installation along with installation cost.	Tender Clause shall prevail
66	Clause no. 11.20.1.b under Service Level Benchmarks in r Volume II at page no. 33	System Uptime - CONTRACTOR shall maintain sufficient resources and achieve minimum uptime of 95% on yearly basis (year period to be decided by GSCL) for the entire system, excluding the period of non-availability of power supply	HPL	We recommend that the service level should be 90%	Tender clause shall prevail
67	Clause no. 11.20.1.f under Service Level Benchmarks in r Volume II at page no. 33	Complaint Resolution - All the complaints shall be redressed within 24 working hrs. In case the service provider fails to comply with the same a penalty of Rs. 100/- per day per complaint shall be imposed for a period of 7 days after which the amount will be doubled for the next subsequent weeks till the complaint is resolved to the satisfaction of the owner.	HPL	based on our past experience, there are some times the delay in rectification caused due to multiple site factors which are not in our control. So we request you to increase the complaint attending / resolution time to atleast 48 hours.	Tender clause shall prevail.
68	Clause no. 18.0 (S. No. 3) under Approved make in Volume II at page no. 40.	Approved make of luminaire Philips/Wipro/ Bajaj / Havells / Lighting technology	HPL	We introduce our self as leading manufacture of LED luminaires and CCMS system. We also implementing the lighting solution at first smart city ie. Bhopal which is about to complete. Apart from this, the pilot project of smart city of Indore, M.P. also being successfully completed by us. Based on above, We request you to kindly incorporate our make in the approved list so that the potential bidders can participate and makes bid more competitive and economical.	In addition to offered Make list, Crompton, Syska, Osram or Similar/Equivalent brand of repute which have been used in other Smart City / City Lighting Projects. Refer Amendment.
69	VOLUME - 1, INSTRUCTION TO BIDDERS Page No 31				
70	Clause No 1	EXPERIENCE OF SIMILAR NATURE	Surya	EXPERIENCE SHOULD BE ONLY FOR LUMINAIRES AND NOT FOR POLES	Tender Clause shall prevail.
71	Clause No 2	NO. OF LED SMART LIGHT	Surya	QTY OF LED SMART STREET LIGHTING TO BE DELETED	Tender Clause shall prevail.
72	Clause No 3	CCMS	Surya	POINT TO BE DELETED	Tender Clause shall prevail.
73	Clause No 4	O & M	Surya	QTY OF LED SMART STREET LIGHTING TO BE DELETED	Tender Clause shall prevail.
74	Clause No 7	NABL REPORTS	Surya	AT THE TIME OF TENDERING ANY GOVT APPROVED LAB OR IN HOUSE REPORTS SHOULD BE ACCEPTABLE. NABL REPORTS SHOULD BE SUBMITTED BY THE WINNING CONTRACTOR BEFORE SUPPLY OF MATERIAL	Tender Clause shall prevail.

75	VOLUME - 2, TECHNICAL SPECIFICATIONS.		Surya		
76	Clause No 4.1.8 (B)	GROUP ON-OFF PLUS DIMMING	Surya	PLEASE EXPLAIN	Pl refer replies above
77	Clause No 4.1.8 (E)	ONLY STEP LES DIMMING	Surya	PLEASE EXPLAIN	Pl refer replies above
78	Clause No 7.3.11	ALL LUMINAIRES SHALL CONFIRM TO RoHS / CE / ERTL / ERDI REQUIREMENTS	Surya	THIS WILL BE SELF DECLARATION	Tender Clause shall prevail. Luminaires shall be UL certified as well. Refer Amendment.
79	Clause No 7.3.12	EMBOSSING	Surya	ONLY NAME / LOGO CAN BE EMBOSSSED ON THE HOUSING	Tender Clause shall prevail.
80	Clause No 7.3.22	SWITCHING SURGES	Surya	PLEASE SPECIFY THE SURGE LIMITS FOR DESIGNING PURPOSE	Pl refer replies above
81	Clause No 11.20.1 (B)	SYSTEM UPTIME	Surya	PLEASE MAKE IT TO 85 % ON YEARLY BASIS	Tender Clause shall prevail.
82	Clause No 11.20.1 (F)	COMPLAIN RESOLUTION	Surya	PLEASE MAKE THE TIME AS 48 HOURS AND 7 DAYS	Tender Clause shall prevail.
83	Clause No 18.0.3	LIGHTING FIXTURE APPROVED MAKE	Surya	PLEASE ADD SURYA ALSO AS APPROVED MAKE	In addition to offered Make list, Crompton, Syska, Osram or Similar/Equivalent brand of repute which have been used in other Smart City / City Lighting Projects. Refer Amendment.
84	NIT Clause No. 20 Page No 03	Retention Money :5 (%) percent of each interim payment certificate will be deducted as retention a mount and will be returned after successful completion of Defect Liability Period of 1 (One) year.	Bajaj	As per NIT Clause 22, we are submitting 10% percent of contract amount in form of BG valid upto completion of Operation & Maintenance. So request you to remove Retention Money clause.	Noted. 2 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in equal installments. 30 (%) percent of the amount will be paid after successful completion of work. Rest 70 (%) percent of the amount will be paid in equal installments for 1 (One) year till completion of Defect Liability Period. Refer Amendment.
85	NIT Clause No. 21 Page No 03	Mobilization Advance : 5% of the Awarded Contract Value	Bajaj	We request you to pay minimum 10% advance against this clause.	Noted. Mobilization Advance- Mobilization Advance shall be 10(%) percent of the Awarded Contract Value with 10(%) interest. A bank Guarantee of 110 (%) percent against the mobilization advance is to be submitted. The mobilization advance and interest on it shall be adjusted and recovered in the Interim Payment Certificates raised by the Contractor for the work completed. The interest on mobilization advance amount shall be recovered at rate of 10%. The bank Guarantee submitted against mobilization advance has to be valid till completion of the work. In case, the Contractor/Bidder fails to mobilize necessary manpower, machinery, materials and any necessary procurement or purchase to start the preliminary work, the bank guarantee against mobilization advance may be forfeited and will lead to the termination of contract. Refer Amendment.
87	Vol-I : Instruction to Bidders Page No 10	4.1 Scope of work : Cleaning, assembly, touch up painting;	Bajaj	Request you to clarify this scope related to new Octagonal poles, Luminaires and CCMS.	The said clause is general scope of works and in this RFP it applies to relevant items as required like Luminaires, Feeder Pilars etc.
88	Vol-I : Instruction to Bidders Page No 10	4.3(g) GSM connectivity for communication from Feeder Pillar & (h) Cloud registration; hosting; uploading and managing all data after Mapping of Feeder Pillars and Light poles as applicable installed by BIDDER	Bajaj	We request you to clarify scope of SIM Cards and Cloud server related initial cost and running cost till completion of 1 year operation of maintenance. As these are assets of end user so initial registration and cost is required to be in purchaser scope. Please clarify.	Kindly refer the clause no 11.8 in Vol-II. It is clearly mention that, Contractor shall bear cost of connectivity of all such a network charges and pay monthly/annually as the case may be to telecom operator including running cost for Cloud server.
89	Vol-I : Instruction to Bidders Page No 10	4.3(k) Any other electrical equipment/ component which are not specifically listed above but are necessary to make the system complete and functional in all respect as per specification and statute.	Bajaj	Earthing of system, Overhead connectors for tapping supply from Overhead conductor are not in bidder scope.	Kindly refer clause no 4.3 (d) of Vol-I. Earthing of system is included in scope of work. Tapping is not to be considered from OH line.
90	Vol-I : Instruction to Bidders Page No 10	4.5 However the entire Liaison with APDCL for accomplishing the above work shall be carried out by Contractor. 4.12 All Liaison activities for obtaining required mandatory approvals/ NOCs from Electrical Inspector and any other Statutory Authority as applicable for drawings & documents, initiation of works, Load release, charging and commissioning of equipment and system etc. are within the scope of works	Bajaj	We request help from customer for co-ordination with all government agencies.	Tender Clause shall prevail

91	Vol-I : Instruction to Bidders Page No 15	6.1.2, 6.2 The BIDDER should have installed and commissioned at least 2800 nos. of conventional / LED Street Lighting Luminaries with pole in last five (5) financial years out of which at least 640 nos. of LED Street Lighting Luminaries with poles shall have been installed in one single work order with any Government or Semi-Government organization.	Bajaj	We request you to consider completion certificates/PO from any Government, Semi - Government organization or Private Organisation. Attested copies of any one of the documents mentioned under the above clause should be accepted during submission of bid as proof of eligibility.	Projects with Private organisation/ Corporates are accepted. Refer Amendment.
92	Vol-I : Instruction to Bidders Page No 16	6.6 The BIDDER should have installed a web enabled Centralized Control and Monitoring System (CCMS) for at least 640 nos. of LED light fittings in a single work order or should have installed minimum 20 nos. controllers with a software for an existing system of street lighting in last three (3) financial years. Attested copies Letter of Award / Work Order Copy / Supply & Installation Completion Certificate/ Payment receipts/ Proof of release of performance security after completion of the contract/ Proof of settlement/	Bajaj	We request you to consider completion certificates/PO from any Government, Semi - Government organization or Private Organisation. Attested copies of any one of the documents mentioned under the above clause should be accepted during submission of bid as proof of eligibility.	Projects with Private organisation/ Corporates are accepted. Refer Amendment.
93	Vol-I : Instruction to Bidders Page No 15	16.1.1 Technical Proposal : Basic design solution offered as per the design criteria of the RFP for each type of road including Dialux output sheets and a summary sheet.	Bajaj	We will submit the design calculation in AGI32 validated Software. This Software is globally used and accepted. Kindly accept	Tender clause shall prevail.
94	Vol-I : Instruction to Bidders Page No 22	16.1.5 The T type test reports shall include LM-79 & LM-80 test Report , IP 66 test reports from recognized NABL accredited Lab	Bajaj	We will submit our internal test reports from our in house R&D Unit(s) which is having recognition by Government India, Ministry of Science and Technology, Department of Scientific and Industrial Research. If required applicable test reports from NABL lab shall be submitted during execution of contract. Kindly accept.	Tender clause shall prevail.
95	Vol-I : Instruction to Bidders Page No 22	24. Total Responsibility : Bidder should issue a statement undertaking total responsibility for the defect free operation of the proposed solution as per the format mentioned in Bid document.	Bajaj	Total responsibility of supplied material is responsibility of bidder and undertaking for same shall be submit during execution.	Noted and accepted
96	Vol-I : Instruction to Bidders Page No 29	33.1 Bidder to note that the GSCL shall have the right to vary the quantity as mentioned in the Price Bid BOQ (Bill of Quantity). Nothing extra shall be paid for increase / decrease in the quantities as mentioned in the Price Bid BOQ (Bill of Quantity)	Bajaj	This is designed based tender so we will prepared our BOQ for specified scope but shall not be part of our tender. We request you consider payment as per actual quantity and measurement at site. We request you to limit the variation in scope by +/-5% of total scope.	Tender Clause shall prevail
97	Vol-I : Instruction to Bidders Page No 40	44.4 Payment break up of approved rate per unit no. of LED Smart Street Lighting pole:	Bajaj	We would request you to consider following modification in terms of payment: Advance Payment 10% of contract value against mobilization. <b>Supply of Material :</b> a) 70% of the contract value shall be paid against delivery of equipment/material on pro-rata basis. b) 15% of the contract value shall be paid against installation of material on pro-rata basis. c) 5% of contract value shall be paid against satisfactory testing, commissioning of material on pro-rata basis. <b>Erection/Testing of Material :</b> a) 80% of contract value shall be paid against installation of material on pro-rata basis. b) 5% of contract value shall be paid against satisfactory testing, commissioning of material on pro-rata basis. c) Balance 5% contract value shall be paid against completion of	Tender Clause shall Prevail
98	Vol-I : Instruction to Bidders Page No 41	45. Loss and Theft of Property	Bajaj	We request you to consider stage wise/ward wise hand over of project. After handover theft shall not be part of bidder scope. Kindly confirm.	Noted. Road wise hand over of project shall be considered. But, Loss and Theft of property shall be in the Contractors scope till the time of completion of O & M period.
99	Vol-I : Instruction to Bidders Page No 57	56. Format for Power of Attorney to Authorize Signatory	Bajaj	Our Power of Attorney Holder give authority letter (As per Annexure -9 of tender) in name of regional head for signing of tender. Kindly confirm acceptability of same.	Accepted.



100	Vol-II: Volume II: Technical Specifications and Drawings Page No 49	22. Annexure 4 TABLE NO. 8 – LIST OF IDENTIFIED ROADS	Bajaj	a) Request you to confirm whether to illuminate the shoulders of the road. b) Provide us the median details for 13M and 21.5M Road. c) Kindly confirm all 11M & 13M wide roads have medians. d) Please confirm installation of the lighting poles behind the drains or on shoulders.	A) Yes. Roads shall be illuminate along with shoulders. B) Medians are available on only two roads namely, Zoo-Narengi road and Pondu Bara bazar road which are already mentioned in Table -08 of Annexure-04. Kindly refer Annexure-04. C) There are no medians available other than those mentioned above. D) Installations of lighting poles shall be done on the shoulders.
101	Vol-II: Volume II: Technical Specifications and Drawings Page No 06	4.1.7. Maximum power output of each Feeder Pillar for calculating the incoming cable size shall be considered not less than 10 kVA. The voltage drop at the terminals of the farthest pole shall not exceed more than 3% from the Feeder Pillar. Cumulative voltage drop from HT to the farthest Point for one feeder Pillar group shall not exceed 5%.	Bajaj	LED luminaire have operating voltage range on higher side against conventional luminaire. Hence the voltage drop limit considered can be extended to 8% against 3% and 10% against 5%. Please confirm.	Tender clause shall prevail.
102	Vol-II: Volume II: Technical Specifications and Drawings Page No 08	4.2.5. The number of light fixture controlled by a single feeder pillar outgoing circuit shall be limited based on the voltage drop at the farthest pole. The cumulative voltage drop at that point shall not exceed by 5%.	Bajaj	LED luminaire have operating voltage range on higher side against conventional luminaire. Hence the voltage drop limit considered can be extended to 8% against 3% and 10% against 5%. Please confirm.	Tender clause shall prevail.
103	Vol-II: Volume II: Technical Specifications and Drawings Page No 11	5.1.5 Road wise drawings for GA layout with Sections for various stretches of the road shall be enclosed showing the location of poles and feeder pillar with HT supply arrangement and any other accessories required. All the space allocations shall be clearly identified after due verification with the authorities.	Bajaj	Request you to arrange AutoCAD drawings of applicable scope for preparation of BOQ. Preparation of GA layout with details as desired shall be submitted during execution and in the event of order.	Drawing cannot be shared during bidding stage but shall be shared with the Successful Bidder.
104	Vol-II: Volume II: Technical Specifications and Drawings Page No 11	6.6 (c ) Foundation Bolts: - 6.8 Gr. as per IS 1367	Bajaj	Request you to add EN8 grade of foundation bolts for poles.	Tender clause shall prevail.
105	Vol-II: Volume II: Technical Specifications and Drawings Page No 12	6.6 (e ) Galvanization: - The poles shall be hot dip galvanized as per IS 2629 / IS 2633 / IS 4759 standards with average coating thickness of 65 micron. The galvanizing shall be done in single dipping. The zinc Ingot raw material shall be 99.99% pure and procured from reliable sources with Quality Test Certificates.	Bajaj	Please also add BSEN ISO 1461 under the galvanization standard to be followed.	Noted. The poles shall be hot dip galvanized as per IS 2629 / IS 2633 / IS 4759 and BSEN ISO 1461 standards with average coating thickness of 65 micron. The galvanizing shall be done in single dipping. The zinc Ingot raw material shall be 99.99% pure and procured from reliable sources with Quality Test Certificates. Refer Amendment.
106	Vol-II: Volume II: Technical Specifications and Drawings Page No 12	6.6.3 The poles shall have integrated Junction box with openable door of adequate size (approximate 600mm length) at the elevation of 750 mm from the base plate.	Bajaj	Door shall be of 500mm length at elevation of 500mm from base plate. Please confirm.	The doors are provided at an elevation of 500mm from the base plate but it should be elevated 750mm from the FGL by adjusting the height of the foundation since the roads in Guwhati are prone to water logging. Refer Amendment.
107	Vol-II: Volume II: Technical Specifications and Drawings Page No 13	6.7 Electrical connections - Four way connectors shall be provided along with Slide lock suitable for connecting 1.1 kV grade, 4 core X16 sqmm Al cable. It shall also in-house 1no. 6 amps DP MCB,2.5 sqmm connectors for looping with 2.5 Sqmm Copper wires for connecting to the luminaries through 0.6 kV grade, 3 core X 2.5 mm <sup>2</sup> PVC insulated copper conductor flexible un-armoured Cable from the terminal block to the fixture within the pole. All the cables laid through the pipe shall be without any joint.	Bajaj	All the aforesaid equipment shall be mounted on 4mm thk bakelite sheet of suitable size. DP MCB shall be 1 no. irrespective of bracket arm quantity i.e. single OR double. Further the 3Cx2.5 sq.mm cable shall be flexible type in place of un-armoured.	Tender clause shall prevail.
108	Vol-II: Volume II: Technical Specifications and Drawings Page No 13	6.8 Two nos. Earth Boss shall be provided at the bottom of the pole (diagonally opposite) suitable for connecting 25X6 mm GI/ CU earth strip or SWG wire for earthing of the poles. Similar Earth Boss suitable for connecting 4 sqmm copper wire shall be provided on the control plate inside the Junction Box for earthing of the electrical components.	Bajaj	Kindly confirm location of earth boss on pole i.e. on pole surface OR on base plate. If on base plate it is not possible to location diagonally opposite due to hindrance by foundation bolt. If on pole please inform at what height it is to be located. Earthing stud shall be provided on bakelite sheet against earth boss due to space constraint.	Noted. Earth Boss can be provided at the bottom of pole or on base plate. But, it should be diagonally opposite. Refer Amendment.

109	Vol-II: Volume II: Technical Specifications and Drawings Page No 13	6.9 Two nos. 50 mm NB HDPE sleeves of suitable length shall be provided through the foundation upto the Junction Box for entry of power cable.	Bajaj	Since junction box/bakelite sheet is located inside the pole, cable shall be routed to same from inside of pole only. Hence 50mm OD HDPE pipe is not required upto inbuilt junction box of pole, pipe at bottom of pole will sufficient.	Noted. Two nos. 50 mm NB HDPE sleeves of suitable length shall be provided through the foundation up to foundation top. Refer Amendment.
110	Vol-II: Volume II: Technical Specifications and Drawings Page No 19	8.14 The feeder pillar shall have cable entry at the bottom suitable for terminating double compression glands for 2 Runs of 3.5 C 50sqmm Aluminium conductor, XLPE insulated armoured cable at the incoming terminal and minimum 4 Runs of 4 core 16 sqmm Aluminium conductor, XLPE insulated armoured cable at the outgoing terminal.	Bajaj	The cable size and its quantity indicated are only to be used OR based on system design requirement we can change the same. Kindly confirm.	The RFP requirement is minimum requirement. Any provision if required as per system design can be provided accordingly.
111	Vol-II: Volume II: Technical Specifications and Drawings Page No 20	8.17 (b) All the contactors shall have high rupturing capacity rated for 3 phase 440 V, 50 Hz, Four Pole, AC 3 duty.	Bajaj	Four pole contactors are available in AC1 duty. In AC3 duty Three pole contactor are available. Please confirm the specification to be followed.	Noted. Four pole contactor of AC1 duty shall be considered with Proper deration for the desired capacity. Refer Amendment.
112	Vol-II: Volume II: Technical Specifications and Drawings Page No 21	8.19 (b) HDPE/ DWC pipe of suitable size (minimum 40 mm ID) for conveniently accommodating the above incoming and outgoing cables shall be laid upto the feeder pillar for carrying the buried cables upto the feeder pillar for termination. The GI strip for earthing shall be laid with proper dressing	Bajaj	For cable laying DWC pipe is applicable. HDPE pipe are mainly used for water purpose. Please confirm.	Bidder may consider as suitable.
113	Vol-II: Volume II: Technical Specifications and Drawings Page No 29	10.6 For Underground cables, all cables shall be laid in minimum 63mm ID HDPE/ DWC pipes either laid by excavation or through horizontal directional drilling (HDD) or Micro-tunneling. The top of the pipe shall be at least 750mm below the finished ground level.	Bajaj	For cable laying DWC pipe is applicable. HDPE pipe are basically used for water purpose. Please confirm.	Bidder may consider as suitable.
114	Vol-II: Volume II: Technical Specifications and Drawings Page No 22	9.4.5 Dimmable Luminaires shall be switched ON and switched Off in steps and in synch with the natural light during Sun rise and Sun Set time.	Bajaj	Please confirm the Photocell is required at Feeder Panel Level.	Bidder may offer sensor based or Astronomical timer based system.
115	Vol-II: Volume II: Technical Specifications and Drawings Page No 23	9.4.6 (g) The system shall be modular and easily scalable. Presently the system shall be designed for 15000 luminaires or 350 Switching Points and should be expandable Up to 2500 switching points as and when required in steps.	Bajaj	As per Scope of work, Clause 4.2 approximately fixture quantity is 6600 nos. and system shall be designed based on lighting designs to meet desired lux level. Designing of system for 1500 luminaires is contradictory to above. If any further expansion in system then feeder pillar with smart controller and system is require to be updated. Request you to elaborate the requirement	Currently the system shall be designed for 15000 luminaires and 350 switching points. But, in order to consider future growth and increase in luminaires, there shall be provision of atleast 2500 switching points as and when required.
116	Vol-II: Volume II: Technical Specifications and Drawings Page No 22	9.3.2 Server for storage of data - preferably dedicated server set-up or cloud based arrangement to ensure 100% guarantee of the data transmission, and real time data storage and archived data for the contract period.	Bajaj	Please Clarify, Server should be on bidder Premise or cloud based arrangement.	As per Bidder's proposal. In case it is Cloud the same shall be registered in the name of the Client. Renewal after the O&M period shall be carried out by Client. In case Dedicated server is proposed then space provision shall be made by client asper the indicated measurement in the Bid document.
117	Vol-II: Volume II: Technical Specifications and Drawings Page No 21	8.17 (m) CONTRACTOR shall provide provision for connection through SIM, Ethernet, RS 485 and OFC to connect with server through whatever mode is available at site. Presently the communication of the Feeder pillar shall be carried out through GSM network however after the city OFC network is laid the communication shall be carried out through the OFC network.	Bajaj	Please clarify, who will bear the recurring expenses of the SIM Card for GPRS Communication.	Kindly refer the clause no 11.8 in Vol-II. Sim shall be in the name of GSCL.
118	Vol-II: Volume II: Technical Specifications and Drawings Page No 23	9.4.5 Dimming should be possible from 10% to 100% however, dimming shall be carried out in steps as follows; From 10 PM to 1 AM - 25% From 1 AM till 3AM - 50% From 3 AM till Dawn - 75%	Bajaj	As mentioned in tender 10 to 100% dimming suitable to meet all requirement as per mentioned steps. So desirable dimming shall be 10 to 100%.	Refer Point no. 26 (b) above
119	Vol-II: Volume II: Technical Specifications and Drawings	7.3.12 Name of the GSCL, Year of Manufacture, Batch No., Serial Number or Identification No. Luminaries Manufacturer's Name / Logo, Wattage and Frequency should be embossed on the housing.	Bajaj	Instead of Embossing we will fixed sticker on luminaire kindly accept.	Tender Clause shall Prevail

120	Vol-II: Volume II: Technical Specifications and Drawings Page No 18	8.2 The OFP (Outdoor Feeder Pillar) shall be made of Galvanized sheet steel enclosure. All the feeder pillars shall be Outdoor type with permanent rain canopy and shall be dust, damp and vermin proof. All feeder pillars shall conform impact resistance of IK10 and shall be minimum IP54 certified.	Bajaj	Instead of Galvanized Sheet steel enclosure we proposes CRCA panel with powder quoting.	Noted. Powder coated CRCA panel enclosure is acceptable. Powder coating shall be as per seven tank process and certifications pertaining to the same shall be submitted. Refer Amendment.
121	Vol-II: Volume II: Technical Specifications and Drawings Page No 44	Sr. No. 33 Heat Sink of Aluminium extrusion	Bajaj	As housing of pressure die casting is designed for proper thermal management system with specially designs fins as such no separate heat sink of aluminium extrusion is required.	Noted.
122	Vol-II: Volume II: Technical Specifications and Drawings Page No 45	41 D. Over Temperature Auto Shut off	Bajaj	Auto Shut off at over temperature is not desirable as area will become is dark. Kindly clarify.	Tender Clause shall Prevail
123		General	Bajaj	Confirmation on using existing cable / earthing / Hume pipe etc wherever available as per specification .	No existing element or material shall be used for the completion of works.
124		General	Bajaj	Confirmation on administrative support from authority during execution .	Administrative support shall be provided by GSCL as per requirement.
125	Volume-I Table-4 Evaluation Criteria Sr. No. 08	Presentation on Project			Presentation on the project shall be given by Project Manager proposed in Project Team Structure.
126	Notice Inviting Tender	International Competitive Bidding			<b>This is a National Competitive Bidding. Experience of Bidder in India will only be considered. Bidders satisfying Qualification Criteria mentioned in the Tender document and his experience in India shall only be considered.</b>