



GUWAHATI SMART CITY LIMITED

## GUWAHATI SMART CITY LIMITED

### AMENDMENT /ADDENDUM/ CORRIGENDUM NO. 1

Tender ID No. : 2018-GSCT-5365-1

Tender Notice No. : SPV/GSCL/DEV/45/2017/04 Date: 30.01.2018

**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.

In pursuance to the Pre bid meeting held on 08.02.2018 and queries raised by the bidders, Following are the amendments:

The intending bidders are requested to take the note of the following changes and accordingly shall have to submit the Tender.

Statement showing the amendments to the existing clause in tender volumes is published online

Reference Of Tender Clause							
Sr. No.	Volume No.	Page No.	Clause No.	Para No./Sr No.	Line		
1	Volume e-II	16	7.3.23			<p>Instead of</p> <p>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 &amp; IEC 61643-11-2011.</p>	<p>Now read as</p> <p>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 within each fixture while an additional surge arrester of 20kV/10KA can be installed inside Feeder Pillar / CCMS panel. The same shall be certified from independent lab and follow IEC 62305 &amp; IEC 61643-11-2011.</p>
2	Volume e-II	26	9.7.1			<p>The Controller (CPU), Communication module etc. shall be provided with battery backup for 12 Hrs to function during failure of grid power.</p>	<p>The Controller (CPU), Communication module etc. shall be provided with battery backup for <b>06 Hrs</b> to function during failure of grid power.</p>
3	Volume e-II	33	11.20.1 (d)			<p>a) Lux Level- CONTRACTOR shall guarantee the Lux level based on Design output and offered Luminaries for each road. There shall not be any reduction of the Lux level during the entire tenure of the contract period. Illuminance of each road shall be checked every fortnightly and reported to GSCL. Any reduction in the lux level shall be immediately investigated and corrective action shall be taken with information to GSCL.</p>	<p>a) Lux Level- CONTRACTOR shall guarantee the Lux level based on Design output and offered Luminaries for each road. There shall not be any reduction of the Lux level during the entire tenure of the contract period. Illuminance of each road shall be checked every <b>Quarterly</b> and reported to GSCL. Any reduction in the lux level shall be immediately investigated and corrective action shall be taken with information to GSCL.</p>

4	Volum e-II	28	9.8.26			All Software's License shall be in the name of GSCL. All costs shall be perpetual cost or onetime cost. CONTRACTOR shall provide all the upgrades to the system software and system security during the contract period without any additional cost.	All Software's shall be one time purchase in the name of GSCL. Provision for API for future integration with the command control centre shall be included in scope. CONTRACTOR shall provide maintenance and upgrades of the software for the next 7 years beyond the contract period of one year without any additional cost.
5	Volum e-II	15	7.3.11			All Luminaires shall conform to RoHS/CE/ERTL/ERDI requirements.	All Luminaires shall conform to RoHS/CE/ERTL/ERDI/UL requirements.
6	Volum e-II	40	18 Approve d Makes	3		Philips/Wipro/Bajaj/Havells/Lighting Technology	Philips/Wipro/Bajaj/Havells/Lighting Technology/Crompton/Syska/Osram or Similar/Equivalent brand of repute which have been used in other Smart City / City Lighting Projects.
7	Volum e-II	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.	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.
8	Volum e-II	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. The door shall be hinged type with mechanical interlock, dust proof, weather proof and vandal resistance and shall ensure safety of inside connections and exterior surface and shall have suitable locking arrangement. The pole shall be adequately strengthened at the location of the door to compensate for the loss in section.	The poles shall have integrated Junction box with openable door of adequate size (Not less than 500mm length) at the elevation of 750 mm from the base plate. The door shall be hinged type with mechanical interlock, dust proof, weather proof and vandal resistance and shall ensure safety of inside connections and components. The door shall be flush with the exterior surface and shall have suitable locking arrangement. The pole shall be adequately strengthened at the location of the door to compensate for the loss in section.

9	Volum e-II	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.	Two nos. Earth Boss shall be provided at the bottom of the pole or on base plate (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.
10	Volum e-II	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.	Two nos. 50 mm NB HDPE sleeves of suitable length shall be provided through the foundation up to foundation top.
11	Volum e-II	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.	All the contactors shall have high rupturing capacity rated for 3 phase 440 V, 50 Hz, Four Pole, AC 1 duty.
12	Volum e-II	15	8.2			The OFFP (Outdoor Feeder Pillar) shall be made of Galvanised 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.	The OFFP (Outdoor Feeder Pillar) shall be made of either Galvanised sheet steel enclosure or Powder coated CRCA panel 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.
13	Volum e-II	06	4.1.8 (c)			Dimming shall be possible up to 100% of the rated output.	Dimming shall be possible from min 25% to 100% of the rated output.
14	Volum e-II	24	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.	Deleted.

15	Volum e-1	08	3 Bid Data Sheet	12		Rs. 98.00/- Lakhs (Rupees One Crore and Ten Lakhs only) in form of Demand Draft in favor of MD, GSCL payable at Guwahati or by Bank Guarantee of Nationalized bank, having branch at Guwahati (as per format attached in Bid Document)	Rs. 98.00/- Lakhs (Rupees Ninety Eight Lakhs only) in form of Demand Draft in favor of MD, GSCL payable at Guwahati or by Bank Guarantee of Nationalized bank /Scheduled Bank having branch at Guwahati (as per format attached in Bid Document)
16	Volum e-1	15	6.1.2			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.	If the Bidder is an OEM and is also the execution agency, then it should have Experience in Similar Nature of Works/Project conforming to eligibility criteria mentioned in clause no 6.2, 6.3 and 6.4. In addition to that, it should have its own Lighting Management Software (LMS) which is operative for last <b>three (3) years</b> or it should have tied up with such partners who provide LMS services and are in the field for not less than <b>four (4) years</b> . The OEM 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/ semi-government organizations/ Private organizations or Corporate. In case the Bidder is not an Execution agency then they should tie up with an execution agency which satisfies the eligibility criteria given below.
17	Volum e-1	15	6.2			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. Attested copies Letter of Award / Work Order Copy / Supply & Installation Completion Certificate/ Payment receipts/ Proof of release of performance security after	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 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

					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.	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.
18	Volum e-1	15	6.4		The BIDDER shall have been engaged in Operation & Maintenance Contract of minimum 2800 nos. Conventional and/or LED Street light with conventional feeder pillars or minimum 640 nos. of LED Street Lighting Poles with Centralized Control and Monitoring System for at least three 2 (Two) years.	The BIDDER shall have been engaged in Operation & Maintenance Contract of minimum 2800 nos. Conventional and/or LED Street light with conventional feeder pillars and minimum 640 nos. of LED Street Light with Centralized Control and Monitoring System for at least three 2 (Two) years.
19	Volum e-1	32	36.5.2.2 Evaluati on Criteria Table-4	2	The Bidder should have installed and commissioned at least 2800 nos. of LED Smart Street Lighting Luminaries with pole in last five financial years out of which at least 640 nos. of LED Street Lighting Luminaries with pole shall be in one single work order with any Government or Semi-Government organization.	The Bidder should have cumulatively installed and commissioned at least 2800 nos. of LED Street Lighting Luminaries and Conventional Street Light Luminaires ( MH/ HPSV) with pole in last five (5) financial years with Government/ Semi- Government organizations/ Private organizations or Corporate.
20	Volum e-1	32	36.5.2.2 Evaluati on Criteria Table-4	4	Operation & Maintenance: The Bidder shall have been engaged in Operation & Maintenance Contract of minimum 2800 nos. of LED street lights with conventional Feeder Pillar & 640 nos. of LED Street Lighting Poles with Centralized Control and Monitoring System In 2 (Two) years out of last 5 (Five) years.	Operation & Maintenance: The Bidder shall have been engaged in Operation & Maintenance Contract of minimum 2800 nos. of Conventional and/or LED street lights with conventional Feeder Pillar & 640 nos. of LED Street Light with Centralized Control and Monitoring System In 2 (Two) years out of last 5 (Five) years.
21	Volum e-1	16	6.6		If the BIDDER is not an Original Equipment Manufacturer (OEM) or an Authorized dealer, then in addition to above mentioned eligibility criteria, BIDDER should also submit an MOU (in prescribed form as specified in RFP document) with Original Equipment Manufacturers (Whose equipment/materials will be installed in the project) confirming backup guarantee for the	If the BIDDER is not an Original Equipment Manufacturer (OEM) of an Authorized dealer, then in addition to above mentioned eligibility criteria, BIDDER should also submit an MOU (in prescribed form as specified in RFP document) with Original Equipment Manufacturers (Whose

					entire contract period with full replacement and repairing support. 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 organizations.	equipment/materials will be installed in the project) confirming backup guarantee for the entire contract period with full replacement and repairing support. 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/ semi-government organizations/ Private organizations or Corporate.
22	Volum e-1	08, 39	3 Bid Data Sheet and 41	20	Retention Money- 5 (%) 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.	Retention Money- 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.
23	Volum e-1	08, 37	3 Bid Data Sheet and 39	21	Mobilization Advance- 5(%) percent of the Awarded Contract Value. A bank Guarantee of 110 (%) percent against the mobilization advance is to be submitted. The mobilization advance will be adjusted in the Interim Payment Certificates raised by the Contractor for the work completed. 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.	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.
24	Volum e-1	08	3 Bid Data Sheet	16, 17		Last Date and time for on line bid submission- 28-02-2018 Up to 1500 hrs.
						Last Date and time for on line bid submission- 16-03-2018 Up to 1500 hrs.
						Last Date of Physical submission of Bid (Tender Fee, EMD, Technical Bid) in Hard Copy- 01-03-2018 Up to 1100 hrs.
						Last Date of Physical submission of Bid (Tender Fee, EMD, Technical Bid) in Hard Copy- 20-03-2018 Up to 1100 hrs.

The other terms and conditions described in the tender document will remain unchanged.

  
**Managing Director,**  
**Guwahati Smart City Limited**



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 ID NO.	2018/GST 5365-1				
Tender Notice No.	SPV/GSCLDEV/45/2017A				
Date of Pre-Bid Meeting-	02.08.2018				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
1	Volume II: Technical Specifications & Drawings : Section 4.1.2 Page No. 05	The minimum Lux level and Uniformity requirements of each ROW.....	Philips	Volume I & II 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 Stepless 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 need identification as outdoor contexts 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.	Increase 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	Successful 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 ANSIC 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 IEC 62305 & IEC 61643-11-2011	Philips	Additionally, as per ANSIC 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 inside Feeder Panel / CCKMS 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 Arrester 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 29	Moreover, the dimmable Luminaires shall be switched ON and switched Off in steps and in synchrony 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 (n) 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 Clause 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 CCKMS 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.	CCKMS and Complaint Handling System or Complaint Management System shall be two different softwares. CCKMS 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/GMFC 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(n) 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.

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 ID NO.	Tender Notice No.				Date of Pre-Bid Meeting-	02.08.2018
SER. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	Clarification by GSPCL	
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 integration 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 OSM period will it be bear by GSPCL/As OSM 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 software shall be the time purchase in the name of GSPCL. 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. 98,000 Lakhs.(Rupees One Crore and Ten Lakhs only) in form of Demand Draft in favor of M.D.....	Philips	values are mismatching	Noted. In words, it shall be Rs. Ninety Eight Lakhs(9) Only, in form of Demand draft. Refer Amendment.	
13	Volume I: Instruction to Bidders:Section 3.0 RFP Bid Data Sheet(6) 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	Request you to extend by minimum three weeks(21days) as RFP demands detailed field survey	
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? The BIDDER must be an Original Equipment Manufacturer(OEM) or an experienced System Integrator /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 Clause 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: 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-I category of CPWD/ APWD/ MES/ State PWD/ PSU/ Railways/ Municipal Corporations and Development Authority i.e 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. The Sole BIDDER / Any member in Joint Venture should have valid registration certificates in Class-I category of CPWD/ APWD/ MES/ State PWD/ PSU/ Railways/ Municipal Corporations and Development Authority i.e of Indian State valid in the State of Assam.	Tender Clause shall prevail	
16	Volume I: Section 6.1: Eligible Bidder Page No 15	The BIDDER should have completed projects related to Urban & Rural Street lighting including erection of poles, luminaires, feeder pillar, cabling & earthing during last 7 (se) 7 financial years having financial credentials as follows: (a) One project costing not less than Rs.39.29/-Cr. Or (b) Two projects each costing not less than Rs.24.55 Cr. Or (c) Three projects each costing not less than Rs.19.64 Cr.	Havells	Kindly amend as The BIDDER should have completed projects related to Urban & Rural Street lighting or other similar security related project including erection of poles, luminaire/ CCTV camera, feeder pillar, cabling & earthing during last 7 (se) 7 financial years having financial credentials as follows: One project costing not less than Rs.39.29/-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	
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, luminaires, feeder pillar, cabling & earthing during last 7 (se) 7 financial years having financial credentials as follows: (a) One project costing not less than Rs.39.29/-Cr. Or (b) Two projects each costing not less than Rs.24.55 Cr. Or (c) Three projects each costing not less than Rs.19.64 Cr.	Havells	Kindly include the clause of Bidder/OEM having inhouse manufacturing facility with NABL accredited testing laboratory	Tender Clause shall prevail	
18	Vol-I Section 7.3.1 Eligible Bidder Page No 14	Luminaire Description	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.	
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 Nationalized bank, having branch at Guwahati.	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.	
20	Volume I: Instruction to Bidders Page No 15	640 nos. of LED Street Lighting Luminaires with poles shall have been installed in one single work order with any Govt.	Havells	With Poles should be diluted	Tender Clause shall prevail	
21	Volume I: Instruction to Bidders Page No 15 Point 6.2	640 nos. of LED Street Lighting Luminaires with poles shall have been installed in one single work order with any Government.	Havells	With Poles should be diluted	Tender Clause shall prevail	
22	Volume I: Instruction to Bidders Clause 44.4 Page No 39	Clause 42: Table 5 Delivery Schedule-End of Commissioning 10*210 days.	Havells	Kindly consider to amend/Extend dates	Tender Clause shall prevail	

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 Gwalior and operation and maintenance for period of 1 (One) year.				
Tender ID NO.	Tender Notice No.			Date of Pre-Bid Meeting.	02.08.2018
SER. NO.	CLAU SE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSC.
23	Volume I: Instruction to Bidders Clause 44.4 Page No 39	On satisfactory completion of Supply installation, testing, commissioning & smooth functioning of LED Street Lighting poles with all accessories as mentioned in BOQ for quantity installed: 60%.  The CONTRACTOR shall also liaison with DISCOM and other Govt. Bodies like PWD,CEG, water board etc. for obtaining valid permission to work.	Havelis	Request to amend to 80%.	Tender Clause shall prevail
24	Volume II: Technical Specifications & Drawings Clause 2.11 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.	Havelis	Request to amend Lasoning with Discom at Authority level	Tender Clause shall prevail.
25	Volume II: Technical Specifications & Drawings Page No 4	4.1 The following criteria shall be followed for designing the CMS system for the identified roads: b-Group ON-OFF Plus Dimming shall be provided for the roads having Lights equal to or above 90W. c-Dimming shall be possible up to 100% of the rated output.	Havelis	Request to amend Lasoning with Discom at Authority level	Tender Clause shall prevail.
26	Volume II: Technical Specifications & Drawings Clause 4.18 Page No 4	4.1 The following criteria shall be followed for designing the CMS system for the identified roads: b-Group ON-OFF Plus Dimming shall be provided for the roads having Lights equal to or above 90W. c-Dimming shall be possible up to 100% of the rated output.	Havelis	Request to amend Lasoning with Discom at Authority level	Tender Clause shall prevail.
a	Volume II: Technical Specifications & Drawings	4.1 The following criteria shall be followed for designing the CMS system for the identified roads: b-Group ON-OFF Plus Dimming shall be provided for the roads having Lights equal to or above 90W. c-Dimming shall be possible up to 100% of the rated output.	Havelis	Request to amend Lasoning with Discom at Authority level	Tender Clause shall prevail.
b	Volume II: Technical Specifications & Drawings Clause 4.18(C)	4.1 The following criteria shall be followed for designing the CMS system for the identified roads: b-Group ON-OFF Plus Dimming shall be provided for the roads having Lights equal to or above 90W. c-Dimming shall be possible up to 100% of the rated output.	Havelis	Request to amend Lasoning with Discom at Authority level	Tender Clause shall prevail.
29	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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	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 Dimming shall be possible from min 25% to 100% output range however programming shall made as per site requirement. Refer Amendment.
30	Volume II: Technical Specifications & Drawings 7.3.11 Page No 15	All luminaires shall conform to ROHS/CE/RELF/ERL requirements.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
31	Volume II: Technical Specifications & Drawings TABLE NO. 5 Page No 41	LUMINAIRE DATA SHEET clause 3. Rated Voltage 230V	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
32	Volume II: Technical Specifications & Drawings point 7 Page 42	LED wattage 3 watt	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
33	Volume II: Technical Specifications & Drawings Point 9 Page No 42	LED drive Current >=350 mA<750 mA	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
34	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.  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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
35	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.1.2 Page No 15	All members of the Joint Venture should be registered entity under Company Act 1956/2013.  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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
36	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.3 Page No 15	All members of the Joint Venture should be registered entity under Company Act 1956/2013.  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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
37	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.5 Page No 15	All members of the Joint Venture should be registered entity under Company Act 1956/2013.  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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.
38	Volume I: Instruction to Bidders, Section 6 - Eligible Bidders - 6.6 Page No 16	All members of the Joint Venture should be registered entity under Company Act 1956/2013.  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.	Havelis	Request to amend the clause as attend DPR is prepared by and independent consultant on chargeable base	By Detailed Project report it is implied a detailed site survey report as indicated in the specifications.

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 Gwahati and operation and maintenance for period of 1 (One) year.	Tender ID No.	SPV/GSCL/DEV/45/2017/4	Date of Pre-Bid Meeting-	02.08.2018
Tender ID No.	Tender Notice No.	Design, Supply, Installation and Maintenance of LED Street Lights and Centralized Control And Monitoring System of selected spine roads in the city of Gwahati and operation and maintenance for period of 1 (One) year.	SPV/GSCL/DEV/45/2017/4	Date of Pre-Bid Meeting-	02.08.2018
SR. NO.	CLAU SE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
				Volume I & II	
39	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 Firm/Company/ Joint Venture Entity.	Swveg	Register of Firms Certificate should also be considered.	Tender clause shall prevail
40	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.	Swveg	Since you have asked for experience of OEM, O&M & also Contracting experience, JV consisting of 3 members should also be allowed. This will encourage more participation and healthy competition.	Tender clause shall prevail In addition to offered Make list, Compton, Syska, Osram or Similar/equivalent brand of nipple which have been used in other Smart City / City Lighting Projects, Refer Amendment.
41	Volume II: Technical Specifications & Drawings, Section 18 - Approved Makes Page No 40	Lighting Fixtures, Philips/ Wipro/ Bajaj/ Hevelis/Lighting Technology	Swveg	Equiptarian Make offering your specifications should also be considered to encourage healthy competition.	Tender clause shall prevail
42	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	LED Wattage: 1.3 Watt	Swveg	High Power Efficient LEDs from reputed manufacturers like Cree / Osram range from 1.6 Watt.	Tender clause shall prevail
43	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	LED Drive current >=350 mA < 750 mA	Swveg	LED Drive current >=350 mA < 1000 mA	Tender clause shall prevail
44	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 42	System efficacy > 100 lm/Watt	Swveg	System efficacy > 120 lm/Watt	Tender clause shall prevail
45	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 43	Luminaires body temperature after 12 hours of continuous operation ≤ 50 Deg.C from ambient	Swveg	≤ 45 Deg C from ambient	Tender clause shall prevail
46	Volume II: Technical Specifications & Drawings, Section 19 - Luminaire Data sheet Page No 43	Heat Sink Temperature ≤ 15 C from ambient	Swveg	≤ 35 Deg C from ambient	Tender clause shall prevail
47	Volume II: Technical Specifications & Drawings, Section 22 List of Identified Roads Page No 49		Swveg	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 period for carrying out test.
48	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	HPPL	CCMS shall be separate entity w/ t Feeder/Panel. Please clarify Battery Bank Application in CCMS.	Centralised Control and Monitoring System (CCMS) is separate entity w/ t 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.
49	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	HPPL	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.
50	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	HPPL	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.
52	Volume II 9.4.6 (a)	Offer Web-based solution for Remote management on Real Time basis of the Outdoor Lighting System through wired or wireless GPRS/ 3G/ 4G/Fiber/ LAN/Wifi communication networks securely.	HPPL	Is only one communication required out of them?	Bidder to decide.
53	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	HPPL	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.
54	Volume II 9.4.6 (i)	Small have protection logic to operate the hardware to automatically scale the system during abnormal conditions and reset the system as soon as the system normalizes.	HPPL	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.
55	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 flash monitoring and logging facility, inbuilt flash memory for data storage, and shall support minimum 2 Analogue and 2 Digital inputs.	HPPL	Communication responsibility is of Gateway and 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 necessary to act as an gateway. Provision for Analogue and Digital IO are requested for future application like Protocol. 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.

SRL NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSC
56	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	Volume I & II These all data accessible from Energy Meter.	Controller and Energy meter shall be functionally separate entity.
57	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 Check etc.	HPL	These all data accessible from Energy Meter. The above clause description mix with Gateway, Meter and Controller.	Refer Query no 56 above.
58	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 CMS device firmware from central server	HPL	allow local FW up gradation also	Local upgradation can also be carried out after roles and permissions requirements are fulfilled.
59	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 then 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.
61	S. No. 12 of Bid data Sheet under Volume 1 at Page no. 8	Rs. 99,00/- Lakhs (Rupees One Core 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 Lakhs(s) Only, in form of Demand draft. Refer Amendment.
62	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-I category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railway/ unicipal Corporations and Development authority (as 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.
63	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 Work/Project including OEM aspect 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 organization.	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 back 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 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 (4) 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.

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 ID NO.	Tender Notice No.				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
	SPV/GSCL/DEV/14/2017/14			Date of Pre-Bid Meeting:-	02.08.2018
				Volume 1 & II	
64	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, luminaires, 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.	HPPL	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.
65	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.	HPPL	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 listed 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. Attached 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.
66	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.	HPPL	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
67	Clause no. 7.1 under Joint Venture under Volume I at page no. 17	Joint venture entry of Maximum Two (2) firm/ members / companies, as partners shall be allowed for the works.	HPPL	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 member considering that the manufacturer of LED lights, CCMS panels, Contractor and financial partner.	Tender Clause shall prevail
68	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 Street Lighting Poles with all accessories as mentioned in BOC for quantity installer- 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 fault/abnormal conditions for quantity installed-30%.	HPPL	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
69	Clause no. 11.20.1b under Service Level Benchmarks in 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.	HPPL	We recommend that the service level should be 90%.	Tender clause shall prevail
70	Clause no. 11.20.1i under Service Level Benchmarks in Volume II at page no. 33	Complain 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.	HPPL	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 complainant attending / resolution time to atleast 48 hours.	Tender clause shall prevail

Name of Work	Tender ID NO.	Tender Notice No.	Date of Pre-Bid Meeting-	SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSSCL
Design, Supply, Installation and Maintenance of LED Street Lights and Centralized Control And Monitoring System of selected spine roads in the city of Gwalior and operation and maintenance for period of 1 (One) year.		SPV/GSCL/DEV/49/2017/4	02.08.2018	71	Clause no. 18.0 (S) No. 3/under Approved make in Volume II at page no. 40	Approved make of luminare Philips/Wipro/ Bajaj / Havells / Lighting technology	HPL	Volume I & II We introduce our self as leading manufacturer of LED luminaires and CCMS system. We also implementing the lighting solution at first smart city i.e. 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 repate which have been used in other Smart City / City Lighting Projects. Refer Amendment
		VOLUME - 1, INSTRUCTION TO BIDDERS Page No 31		72					
		Clause No 1		73		EXPERIENCE OF SIMILAR NATURE	Surya	EXPERIENCE SHOULD BE ONLY FOR LUMINAIRES AND NOT FOR POLES	Tender Clause shall prevail.
		Clause No 2		74		NO. OF LED SMART LIGHT	Surya	QTY OF LED SMART STREET LIGHTING TO BE DELETED	Tender Clause shall prevail.
		Clause No 3		75		CCMS	Surya	POINT TO BE DELETED	Tender Clause shall prevail.
		Clause No 4		76		O & M	Surya	QTY OF LED SMART STREET LIGHTING TO BE DELETED	Tender Clause shall prevail.
		Clause No 7		77		MAJL REPORTS	Surya	AT THE TIME OF TENDERING ANY GOVT APPROVED LAB OR IN HOUSE REPORTS SHOULD BE ACCEPTABLE. MAJL REPORTS SHOULD BE SUBMITTED BY THE WINNING CONTRACTOR BEFORE SUPPLY OF MATERIAL	Tender Clause shall prevail.
		VOLUME - 2, TECHNICAL SPECIFICATIONS.		78					
		Clause No 4.1.8 (B)		79		GROUP ON-OFF PLUS DIMMING	Surya	PLEASE EXPLAIN	PI refer replies above
		Clause No 4.1.8 (E)		80		ONLY STEP LES DIMMING	Surya	PLEASE EXPLAIN	PI refer replies above
		Clause No 7.3.11		81		ALL LUMINAIRES SHALL CONFIRM TO ROHS /CE /ERTL/ EROI REQUIREMENTS	Surya	THIS WILL BE SELF DECLARATION	Tender Clause shall prevail. Luminaires shall be UL certified as well. Refer Amendment.
		Clause No 7.3.12		82		EMBROSSING	Surya	ONLY NAME /LOGO CAN BE EMBROSSING ON THE HOUSING	Tender Clause shall prevail.
		Clause No 7.3.22		83		SWITCHING SURGES	Surya	PLEASE SPECIFY THE SURGE LIMITS FOR DESIGNING PURPOSE	PI refer replies above
		Clause No 11.20.1 (B)		84		SYSTEM UPTIME	Surya	PLEASE MAKE IT TO 95 % ON YEARLY BASIS	Tender Clause shall prevail.
		Clause No 11.20.1 (F)		85		COMPLAIN RESOLUTION	Surya	PLEASE MAKE THE TIME AS 48 HOURS AND 7 DAYS	Tender Clause shall prevail.
		Clause No 18.0.3		86		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 repate which have been used in other Smart City / City Lighting Projects. Refer Amendment.
		NIT Clause No. 20 Page No 03		87		Retention Money 7.5 (%) 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 in equal installments for 1 (One) Year till completion of Defect Liability Period. Refer Amendment.
		NIT Clause No. 21 Page No 03		88		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 Certificate 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.
		NIT Clause No. 16 Page No 03		89		Last date and Time for Bid Submission	Bajaj	We request you extend the bid 15-20 days from date of clarification of all points	Noted. Last Date and time for on line bid submission- 16.03.2018 up to 15.00 Hrs and Last Date of Physical submission of Bid (Tender Fee, EMD, Technical Bid) in Hard Copy- 20.03.2018 up to 11.00 Hrs. Refer Amendment.
		Vol4 : Instruction to Bidders Page No 10		90		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 Poles etc.

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 Gwalahali and operation and maintenance for period of 1 (One) year.				
Tender ID NO.	Date of Pre-Bid Meeting-				
SPV/SSCL/DE/14/52017/4	02.03.2018				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
91	Vol-I : Instruction to Bidders Page No 10	4.3(d) GSM connectivity for communication from Feeder Pillar & (b) Circuit registration, testing, upgrading and managing all data after Mapping of Feeder Poles 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's 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 changes and pay monthly/annually as the case may be to telecom operator including running cost for Cloud server.
92	Vol-I : Instruction to Bidders Page No 10	4.3(N) 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 standard.	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.
93	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 approval/ 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
94	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 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.	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.
95	Vol-I : Instruction to Bidders Page No 16	6.5 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 (Three) 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.
96	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 Deluxe output sheets and a summary sheet.	Bajaj	We will submit the design calculation in AG32 validated Software. This Software is globally used and accepted. Kindly accept.	Tender clause shall prevail
97	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.
98	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



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 Gwalahar and operation and maintenance for period of 1 (One) year.	Tender ID NO.	Tender Notice No.	Date of Pre-Bid Meeting.	02.08.2018
SR. NO.	CLAUSE REFERENCE	CONTENT IN REF	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
99	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). Noting extra shall be paid for increase / decrease in the quantities as mentioned in the Price Bid BOQ (Bill of Quantity).	Bajaj	Volume I & II 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
100	Vol-I: Instruction to Bidders Page No 40	44.4 Payment break up of approved rate per unit no. of LED Street Lighting pole.	Bajaj	We would request you to consider following modification in terms of payment: Advance Payment 10% of contract value against mobilization. Supply of Material: 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. Erection/Testing of Material: 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 project and handing over of project.	Tender Clause shall Prevail
101	Vol-I: Instruction to Bidders Page No 41	45. Loss and Theft of Property	Bajaj	We request you to consider stage wise hand over of project. After handover then shall not be part of bidder scope. Kindly confirm.	Noted Road wise hand over of project shall be considered. Bid Loss and Theft of property shall be in the Contractors scope till the time of completion of O & M period.
102	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.
103	Vol-II: Volume II: Technical Specifications and 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 Ponda 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.
104	Vol-II: Volume II: Technical Specifications and Drawings Page No 06	41.7. 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 luminaires 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.
105	Vol-II: Volume II: Technical Specifications and Drawings Page No 08	42.5. 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 luminaires have operating voltage range on higher side against conventional luminaire. Hence the voltage drop limit considered can be extended to 5% against 3% and 10% against 5%. Please confirm.	Tender clause shall prevail.
106	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. All the space allocations shall be clearly identified after due verification with the authorities.	Bajaj	We 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.
107	Vol-II: Volume II: Technical Specifications and Drawings Page No 11	6.6 (c) Foundation Bolts: - 6.8 Gr. as per IS 1357	Bajaj	We request you to add EMB grade of foundation bolts for poles.	Tender clause shall prevail.

SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
				Volume I & II	
108	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.
109	Vol-II: Volume II: Technical Specifications and Drawings Page No 12	6.6.3 The poles shall have integrated junction box with operable 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 Guwahati are prone to water logging. Refer Amendment.
110	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 conductors for looping, with 2.5 Sqmm Copper wires for connecting to the luminaires through 0.6 KV grade, 3 core X2.5 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 arm tk bakelite sheet of suitable size. DP MCB shall be 1 no. irrespective of bracket arm quantity i.e. single OR double. Further the 3C-2.5 sqmm cable shall be flexible type in place of un-armoured.	Tender clause shall prevail
111	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 23X6 mm (SI/ 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.
112	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.
113	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 Aluminum conductor, XLPE Insulated armoured cable at the incoming terminal and minimum 4 Runs of 4 core 16 sqmm Aluminum 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.
114	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.
115	Vol-II: Volume II: Technical Specifications and Drawings Page No 21	8.19 (b) HDPE/ DMC 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 DMC pipe is applicable. HDPE pipe are mainly used for water purpose. Please confirm.	Bidder may consider as suitable.
116	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/ DMC 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 DMC pipe is applicable. HDPE pipe are basically used for water purpose. Please confirm.	Bidder may consider as suitable.

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 Gwalhall and operation and maintenance for period of 1 (One) year.				
Tender ID NO.	SPV/GSCL/DEV/AS/2017/4				
Tender Notice No.					
Date of Pre-Bid Meeting.	02.08.2018				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
117	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 sync with the natural light during Sun rise and Sun Set time.	Bajaj	Volume I & II Please confirm the Protocol is required at Feeder/Panel Level.	Bidder may offer sensor based or Astronomical timer based system.
118	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.
119	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 as per the indicated measurement in the Bid document.
120	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 OPC 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.
121	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% 7.3.12 Name of the GSCL, Year of Manufacture, Batch No., Serial Number or Luminaires Manufacturer's Name / Logo, Wavelength and Frequency should be embossed on the housing.	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
122	Vol-II: Volume II: Technical Specifications and Drawings	8.2 The ORP (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 IP54 resistance or IK10 and shall be minimum IP54 certified.	Bajaj	Instead of Embossing we will fixed sticker on luminaire kindly accept.	Tender Clause shall Prevail
123	Vol-II: Volume II: Technical Specifications and Drawings Page No 18	8.2 The ORP (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 IP54 resistance or IK10 and shall be minimum IP54 certified.	Bajaj	Instead of Galvanized Sheet steel enclosure we proposes CRCA panel with powder coating.	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.
124	Vol-II: Volume II: Technical Specifications and Drawings Page No 44	SC. 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.
125	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
126	General	General	Bajaj	It is not clear from tender specifications that existing poles, fitting, cables and associated electrical are to be retained or to be replaced. Tender mention installation of 6400 nos. of poles and 6500 nos. of Luminaires and to achieve mentioned illumination level and uniformly mentioned in specification which may not be feasible with existing system. If dismantling of existing system is in scope then kindly confirm and modus of operandi for same.	Dismantling is not the part of this project.
127	General	General	Bajaj	As time for survey is very less. We will conduct detailed survey in next few days as work and scope is extensive and designed based working is required. In view of same we request customer to give clarification to our queries in next phase also or we request another round of meeting for resolution of queries.	Refer Point no 13 above.
128	General	General	Bajaj	Some of the Road indicated in tender drawing are having existing pole. Kindly confirm scope for dismantling & handing over of the same with light fittings and other electrical accessories	Dismantling is not the part of this project.

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 ID NO.	Tender Notice No.	Date of Pre-Bid Meeting			
	SPV/GSCL/DE/45/2017/4	02.08.2018			
SR. NO.	CLAU SE REFERENCE	CONTENT IN RFP	BIDDER NAME	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
129		General	Bajaj	Volume I & II Please provide detailed Auto CAD layout of the roads under consideration with location of existing electrical system (Power source / feeder pillar / HOD / pole ) and drainage system	Refer Point no. 106 above
130		General	Bajaj	Please provide procedure to be adapted for dismantling of swaged pole and erection of octagonal pole ( Hiller / L plate ) in the elevated road / crash barrier.	Dismantling is not the part of this project.
131		General	Bajaj	Confirmation on using existing cable / earthing / Humo pipe etc wherever available as per specification.	No existing element or material shall be used for the completion of works.
132		General	Bajaj	Confirmation on administrative support from authority during execution.	Administrative support shall be provided by GSCL as per requirement. Presentation on the project shall be given by Project Manager proposed in Project Team Structure.
133	Volume-I Table-4 Evaluation Criteria Sr. No. 08	Presentation on Project			
134	Notice Inviting Tender	International Competitive Bidding			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.

*for*  
**Managing Director**  
 Guwahati Smart City Ltd.

*ATP*