



GUWAHATI SMART CITY LTD.

(Formerly Guwahati Smart City Development Agency Ltd.)

(CIN U45309AS2016SGC017403)

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SPV/GSCL/DEV/DEV/63/2017/Pt-II/58

Date: 28.08.2020

Corrigendum-2: Pre-Bid Responses

Tender Title:

“Implementation of Smart Street Lighting for Spine Roads in Guwahati on Design, Build, Operate and Maintain Basis” under Guwahati Smart City Limited.”

Tender No:

SPV/GSCL/DEV/63/2017/Pt-II/49

Tender ID:

2021_GSCT_22420_1

Tender Published Date:

09.08.2021

This corrigendum is being issued for the pre-bid queries raised by the prospective bidders for the above mentioned tender. Bidders are informed that no further consideration of queries will be accepted by GSCL. The intending bidders are requested to take note of the following changes and accordingly shall have to submit the tender.

-Sd-
Managing Director
Guwahati Smart City Limited

CORRIGENDUM No 2

Name of Work				
IMPLEMENTATION OF SMART STREET LIGHTING For Spine Roads in Guwahati On Design, Build, Operate and Maintain Basis.				
	Tender Notice No	SPV/GSCL/DEV/63/2017/Pt-II/49 dtd 09-08-2021	Date of Pre-Bid Meeting	19.08.2021
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
1	Volume I, ITB, Clause No. 13, Page No- 24	Earnest Money Deposit (EMD)	We request you to accept EMD in the form of Bank Guarantee.	Tender Condition shall prevail.
2	Volume I, ITB, Clause No. 6.1.4 Page No- 17 and Table-4, Evaluation Criteria, Sr. No. 4, Page No. 40	The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Seven (07) years with Government/ Semi- Government organizations/ Private organizations or Corporates. Table 4 – Evaluation Criteria : Prior Experience of O&M of streetlights with Feeder Pillars and CCMS in last Seven (07) (Sole Bidder/ Any member of JV) (Cl 6.1.4) The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED streetlights with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Seven (07) years.	As per Vol-I, Clause 6.1.3, SITC experience of LED or Conventional street light luminaires are acceptable. So requesting acceptance of Operation & Maintenance Contract of minimum 2000 nos. of LED / Conventional street lights with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Five (7) years with Government/ Semi- Government organizations/ Private organizations or Corporates. This will result in participation of maximum number of experienced eligible bidder.	Refer Corrigendum No.-03, Sr. No. 20 & 21.
3	Volume I, ITB, Clause No. 6.7, Page No- 19	BIDDER / Lead BIDDER shall demonstrate, dedicated Line of Credit made available for this project, for the amount equivalent to minimum Rs. 4.08 Crore as per the attached format.	We request you to accept general credit limit of bidders, instead of dedicated Line of credit for this project.	Tender Condition shall prevail.
4	Volume I, ITB, Clause No. 47.2.3, Page No- 50	Each IPC (Interim Payment Certificate) shall have minimum value of 2 Crore.	We request you to accept monthly payment on prorata basis as per work completed value of that month instead of minimum value of 2 Cr.	Tender Condition shall prevail.
5	Volume I, ITB, Clause No. 48, Page No- 50	Loss & Theft of Property- The CONTRACTOR shall be responsible for the up keeping of all the assets created and any loss and damage thereof shall be made good by him immediately at his own cost to continue the services under the scope of RFP document available for use. If CONTRACTOR fails to create new assets which are damaged by theft or any other reason and Services are affected then the penalties will be levied as per Penalty Clause for not meeting the desired level of Service Level. If the level of services goes below the minimum level as prescribed in the Service Level Benchmark then GSCL will get it done at risk and cost of the CONTRACTOR or take any suitable action including termination of Contract Agreement.	After completion of SITC and handing over of project, theft of material if any during O & M period will be scope of purchaser. Kindly confirm.	Bidder to refer Clause No. 33, Vol-III, GCC & Contract Data, Annexure-I, Page No. 34 Tender Condition shall prevail.
6	Volume I, ITB, Clause No. 39, Page No- 43	Power Loading for Financial Evaluation : The Technically Approved Luminaire with the lowest input power consumption as per LM 79 report for achieving the minimum required lumens shall be considered as the Base and the Power Loading calculations shall be carried out as mentioned elsewhere in this tender. The total Price Loading amount due to excess power consumption shall be agreed upon as per formula (example) by GSCL/GSCL representative/GSCL appointed TPI agency and approved by GSCL Technical Committee.	Please confirm who will bear the expenses of TPI agency/ Govt. approved lab.	GSCL shall bear the expenses of all TPI agency/ / Govt. approved lab.
7	Volume I, ITB, Clause No. 58, Page No- 69	Annexure 9: Format for Power of Attorney to Authorized Signatory	We request you to accept Authority letter with sign of Power of attorney holder as per our standard format.	Accepted.

8	Volume I, ITB, Clause No. 16.1.3, Page No- 26 and Volume II TECH SPECS, Clause No. 7.3.12, Page No. 17	The Type test reports of LED Luminaire shall include the following test reports not older than Seven (7) years from recognized Third party NABL accredited lab. And All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance	We request you to accept submission of type test reports of Third Party NABL lab after receipt of LOA and before supply of material.	Tender Condition shall prevail.
9	Volume II, TECH SPECS, Clause No. 7.3.12, Page No. 16	M20 concrete foundations shall be provided for all the poles. Approx. dimension of the foundation for evaluation purpose is 600X600X1700 mm. However, CONTRACTORS shall design as per the stability requirement and Soil bearing Capacity of each location. The Poles shall be bolted on a pre-cast foundation with minimum four foundation bolts for greater rigidity.	With reference to clause, we request you to allow bidder to select pole foundations (Raft / Block type) based on site suitability and structural stability. Bidder should submit structural calculations for suitable type of pole foundation during engineering. Kindly clarify.	Bidder shall comply with the minimum design requirement as specified in the tender. Anything required beyond the same shall be accounted by the Bidder.
10	Volume II, TECH SPECS, Clause No. 4.4.5 & 4.4.6, Page No. 11	Minimum requirement for Civil Foundations for Lighting poles upto a height of 6m & Minimum requirement for Civil Foundations for Lighting poles up to a height of 10m.	With reference to clause, we request you to allow bidder to select pole foundations (Raft / Block type) based on site suitability and structural stability. Bidder should submit structural calculations for suitable type of pole foundation during engineering. Kindly clarify.	Bidders understanding is correct. However, Bidder shall comply with the minimum design requirement as specified in tender.
11	Volume I, ITB, Clause No. 34, Page No- 35	Dismantling- Existing light fittings mounted on the electrical poles along the roads which is required to be dismantled shall be within the scope of this contract. The above work shall be carried out by electrical isolation and dismantling along with the poles, mounting structures, cables and other accessories without damaging any component and the same shall be loaded, transported to and unloaded at GMC godown. Proper handing over documents shall be presented to CLIENT duly accepted by GMC as a proof of accomplishment of work.	As per tender, bidder scope is limited to dismantling of existing poles and light fixtures only. Any other material dismantling is not in our scope of work. Making good after dismantling any material is not in our scope of work. Request you to clarify.	Dismantling of Luminaire and all associated components/ material is part of the Bidder's scope of works including making good after dismantling of the above.
12	Volume I, ITB, Clause No. 4.2.6, Page No- 11	The Battery Limit of BIDDER starts beyond the LT tariff meter provided by APDCL. The Incoming supply at 11kV or 415 V as decided by APDCL shall be provided by APDCL from the nearest source point. Installation of 2 pole structure for HT supply including mounting of swaged poles, cross arms, Stay arrangement, Gang Operated Device (GOD), Drop Out (DO) Fuse, Lightning Arrestors (LA), Insulators & connecting conductors as required, earthing, Transformer on a two pole structures, transformer earthing, outgoing cable from transformer LT side, LT Tariff meter panel and all the required civil works shall be provided by APDCL. However, the entire Liaison with APDCL for accomplishing the above work shall be carried out by CONTRACTOR.	With reference to clause which organization will responsible for EI permission and deposit of load security amount. Kindly clarify.	We presume EI means Electrical Inspector. Bidder shall be responsible for arranging the CEIG permission for the street light system. Load Security amount shall be in the scope of the GSCL. However, the same shall be paid by the Contractor as a part of their scope for Liaison. Bidder should note that all the Liaison with the various stakeholders/ Authorities for the project to get it commissioned on ground shall be in their scope even if the work is done under depository works by the Authorities. All the statutory payments and charges for approvals and clearances are to be paid by the Contractor and the same shall be reimbursed by GSCL upon submission of original receipts.
13	Volume II, TECH SPECS, Clause No. 6.13, Page No. 15	Earthing of each pole shall be carried out with one earth electrode for a set of 5 poles. The earth electrode shall be GI pipe electrode as recommended in the latest version of IS 3043. The earth electrode shall be connected with 8SWG wire laid in DWC pipe along with lighting cable to the two distinct earth boss on the pole.	Request you to clarify whether per pole 01 no. pipe earthing is required to be considered or not. Generally MS rod earthing is provided for poles. Kindly elaborate pole earthing requirement. Please clarify whether any earth resistance limit is there for each pole.	One Earth Electrode shall be provided per every five (5) poles. Earth resistance value shall be as per prevailing standards and as acceptable by CEIG.
14	Volume II, TECH SPECS, Clause No. 6.6, (a) Page No. 13	The materials of the pole are as follows: (a) Pole - Conforming to grade S355J0	Pole - Conforming to grade S355J0 as per BS EN 10025/E350 as per IS 2062/Grade 355 as per IS 5986:2011	Tender Condition shall prevail.
15	Volume II, TECH SPECS, Clause No. 6.6, (c) Page No. 13	The materials of the pole are as follows: c) Foundation Bolts: - 6.8 Gr. as per IS 1367	Foundation Bolts: - 6.8 Gr. as per IS 1367/EN8 grade as per BS970	Tender Condition shall prevail.
16	Volume II, TECH SPECS, Clause No. 8.15, Page No. 21	The feeder pillar shall have cable entry at the bottom suitable for terminating double compression glands for 2 Runs of 3.5 C x 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.	Incoming cable for feeder pillar specified is final or same can be changes to meet the voltage drop criteria set.	The specified cable sizes are minimum requirement. Any sizes above the same if required due to voltage drop shall be provided by the Bidder.

17	Volume II, TECH SPECS, Clause No. 10.6, Page No. 33	For Underground cables, all cables shall be laid in minimum 63 mm ID HDPE/ DWC pipes either laid by excavation or by through horizontal directional drilling (HDD) or Micro-tunnelling (for road crossing). The top of the pipe shall be at least 750mm below the finished ground level. There should not be any joints between two pole distance. The roads shall be made good as before by following standard procedure for preparation of roads and with standard quality material.	The description may please be changed as per below: For Underground cables, all cables shall be laid in minimum 40mm ID HDPE/DWC pipe forlaid by excavation & in minimum 63 mm ID HDPE/ DWC pipes for cable laid through horizontal directional drilling (HDD) or Micro-tunnelling (for road crossing).	Tender Condition shall prevail.
18	Volume II, TECH SPECS, Clause No. 4.1.8, Page No. 7	Lighting design shall be performed using latest version of DiaLux Software (Version 4.12 or higher)/ Original Equipment Manufacturer (OEM) validated software. The Validation Report validated from Accredited Authority and IES files shall be submitted along with the BID.	Please consider outdoor lighting design softwares AGI32 that is normally used worldwide.	Tender Condition shall prevail.
19	Volume II, TECH SPECS, Clause No. 4.1.8, Page No. 6	Maximum RoW width is being provided in the Annexure 5. The width of RoW to be considered for the design shall be inclusive of the Shoulder & Drain Width on either side and Carriage Way. The pole shall be mounted on the outer edge of the shoulder towards the drain to avoid any obstruction of traffic/ expansion in near future	In following Roads Drain details(width) not mentioned : 1. Assam Engineering College Road, 2. PNGB Road(NH 27 to Don Bosco School) 3. GarchukPamohi Road 4. NS Road - from Kumharpara to AT Rd 5. Dr Bhupen Hazarika Path/Guwahati Refinery Road 6. Rajib Nagar Path 7. Kali Mandir Road 8. Maniram Dewan Road - In illumination design drain consideration not required for the above roads. Please confirm else please share the drain width.	Pl. abide by the data provided in the tender. The specified roads donot have drain in their ROW sections.
20	Volume II, TECH SPECS, Clause No. 7.3.3, Page No. 15	The Luminaries shall have a sturdy and corrosion resistant high pressure Die cast Aluminium alloy housing with weatherproof gasket for lamp, with separate Driver compartment and control gear accessories. The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy. The luminaries shall be totally enclosed, dust tight and water proof.	Request to allow ADC 12 also.	The Luminaries shall have a sturdy and corrosion resistant high pressure Die cast Aluminium alloy housing with weatherproof gasket, with separate Driver compartment and control gear accessories. The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy/ ADC 12. The luminaries shall be totally enclosed, dust tight and water proof with minimum ingress protection of IP 66 and above. Refer Corrigendum No.-03, Sr. No. 1.
21	Volume II, TECH SPECS, Clause No. 7.3.13, Page No. 16	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.	Sticker / Screen printing to be allow. Embossing not possible.	Name of the GSCL, Year of Manufacture, Batch No., Serial Number or Identification No. Luminaire Manufacturer's Name / Logo, Wattage and Frequency shall be provided by Screen printing and Sticker in the external and internal of Housing of Luminaire respectively. Refer Corrigendum No.-03, Sr. No.2.
22	Volume II, TECH SPECS, Clause No. 20, Annexure-1, Table No.5, Page No. 54	16. System Power Efficiency: $\geq 90\%$	For < 16W street light efficiency >90% is challenging, request to update as >85%.	16W LED is not anticipated in this project.
23	Volume II, TECH SPECS, Clause No. 20, Annexure-1, Table No.5, Page No. 54	18. Driver Efficiency: >90%	For < 16W street light efficiency >90% is challenging, request to update as >85.	16W LED is not anticipated in this project.
24	Volume II, TECH SPECS, Clause No. 21, Annexure-2, Table No.6, Page No. 56	2. Driver Efficiency: >90%	For < 16W street light efficiency >90% is challenging, request to update as >85.	16W LED is not anticipated in this project.
25	Volume II, TECH SPECS, Clause No. 21, Annexure-2, Table No.6, Page No. 57	13. Output Voltage Range: 150 V DC – 215 V DC	Rating for 16W light is incorrect, point to be remove.	This query and the above three seems to be not relevant for this project.
26	Volume II, TECH SPECS, Clause No. 4.1.11, Page No. 8	The RFP requirement is Group control. However, in case BIDDER wishes to achieve Group control with Individual Controller then that is BIDDER's decision. Individual controller can be accomplished with either NEMA socket or inbuilt controller. However, the thermal stability of the Luminaire shall be ensured when provided with inbuilt controller.	As tender is group control and bidder has liberty to achieve it by using individual controller, choice of selecting individual controller to be used should be bidders decision to select controller either NEMA socket or inbuilt or external considering functionality.	The tender requirement is for Group Control. Bidder can achieve the group control by using individual control if required.

27	Volume II, TECH SPECS, Clause No. 8.2, Page No. 20	The OFP (Outdoor Feeder Pillar) shall be made of either Galvanised sheet steel enclosure or Powder coated with minimum seven tank process (certification confirming the same shall be submitted) 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 IP55 certified. Third Party Type test report for Impact and Ingress protection shall be provided in the Technical Proposal.	Third party type test report for Impact and ingress protection shall be submitted after receiving order and before supply. Technical specifications of remote terminal unit are not provided. Please provide the same.	Tender Condition shall prevail.
28	Volume II, TECH SPECS, Clause No. 8.14, Page No. 22	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	Feeder Pillar Switching point panel will have a Smart controller / RTU with in-built feature of Astronomical timer. Yet, an external Astro timer would be required? If yes, what would be the purpose?	External Astronomical timer shall be provided in the Feeder Pillar in the event of the failure of Controllers.
29	Volume II, TECH SPECS, Clause No. 8.18, (I), Page No. 23	Digital Tariff meter as per APDCL Standards with RS 485 and RJ 45 connectivity for measuring, Line and Phase Voltage/ Current; kW, KVAR, KVA; kWh kVAh, kVARh (L & C); Frequency, Phase wise Voltage and Current Harmonics upto min 7th order; Maximum demand.	Why RJ45 connector would be required?	Connectors for communication with the Tariff meters shall be as per APDCL standard specifications.
30	Volume II, TECH SPECS, Clause No. 8.27, Page No. 25	Type Test certificate like IP and IK certifications, and short circuit certifications shall be submitted for review from third party Accredited Laboratories.	Third party type test report for Impact and ingress protection and short circuit certifications shall be submitted after receiving order and before supply.	Tender Condition shall prevail.
31	Volume II, TECH SPECS, Clause No. 9.8.5, Page No. 29	The System should be suitable for third party integration if required.	Which APIs are required for third party integration, kindly clarify.	All the necessary APIs that are required for giving remote access to the system for control and monitoring.
32	Volume II, TECH SPECS, Clause No. 9.5.2, Page No. 26	Controllers if mounted inside the Luminaire shall be provided within the Luminaire in IP66 enclosure or through NEMA Socket.	As tender is group control and bidder has liberty to achieve it by using individual controller, choice of selecting individual controller to be used should be bidders decision to select controller either NEMA socket or inbuilt or external considering functionality .	Refer reply to the Point no. 26 above.
33	Volume II, TECH SPECS, Clause No. 9.5.5, Page No. 26	The controller shall provide Class I accuracy measurement of RMS Voltage & Current, Power (kW, kVA, kVARH), energy consumption with 1% as per IS 13779/ IEC 62052/53 (KWH, kVAH, kVARH) and Power factor.	Please specify this point pertains to individual controller or feeder pillar controller. If it is individual controller and individual metering, then how we can call it group control?	It pertains to the controllers be it for Group or individual controlled system.
34	Volume II, TECH SPECS, Clause No. 9.5.24, Page No. 28	Controller Certifications as per above standards for Metering Accuracy for Class 1, IP 66, Surge protection, 440 VAC withstand rating, EIRP & ETA from NABL Accredited Third Party Laboratory to be submitted along with the bid.	Third party type test report for Impact and ingress protection shall be submitted after receiving order and before supply.	Tender Condition shall prevail.
35	Volume II, TECH SPECS, Clause No. 9.8.21, Page No. 32	The application shall provide API based integration to GSCL Command and Control Center (CCC) in future. It would be the joint responsibility of the service provider (street light application provider and CCC provider) to jointly work to get this integration up and running. CCC shall provide remote viewing and control of street light control application for troubleshooting and support.	Monitoring API will be provided to System Integrator. Further development would not be bidder's scope.	Tender Condition shall prevail.

36	Volume II, TECH SPECS, Clause No. 9.8.25, Page No. 32	<p>The system shall display the following minimum faults in alarms</p> <p>(a) Phase-wise currents on crossing threshold values (b) Phase-wise voltages on crossing threshold values - Under/over voltage detection (c) Main breaker error (d) Contactor fault (e) Circuit breaker off (f) Circuit phase errors (fuse, breaker, etc.) (g) Main power failure (h) Leakage to ground (i) Manual switch activated (j) Control cabinet door open (k) Low Power Factor (l) Communication failure with server (m) Theft Alert (n) Group failure of Lights</p>	<p>PI elaborate-</p> <p>(c) Main breaker error (e) Circuit breaker off (f) Circuit phase errors (fuse, breaker, etc.)</p>	<p>(c) Main breaker error - Breaker Faults like Welded contact etc. (e) Circuit breaker off - Status of the Breakers - ON/ OFF/ Trip (f) Circuit phase errors (fuse, breaker, etc.)- Circuit errors like Single Phasing etc.</p>
37	Volume II, TECH SPECS, Clause No. 9.8.28, Page No. 33	<p>The system shall support auto switching of street light according to light sensor input if provided in future.</p>	<p>At panel level or individual controller level?</p>	<p>To be provided at Group Level.</p>
38	Volume I, ITB, Clause No. 6.4 Page No- 18	<p>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 entire contract period (including O & M period) with full replacement and repairing support. The Original Equipment Manufacturer (OEM) must have the sale of minimum 5200 nos. LED Street light Luminaires in single work order during last Seven (07) years within India, with any government/ semi-government organizations/ Private organizations or Corporates. Further, the OEM should have its own Lighting Management Software (LMS) or it should have tied up with such partners who provide LMS services. The BIDDER shall submit copy of MoU between OEM and LMS provider. The BIDDER shall have completed at least one complete and successful project with 2000 nos. of LED Luminaires with CCMS offered with the above LMS solution in the last Seven (07) years within India, with any government/ semi-government organizations/ Private</p>	<p>1) In clause 6.4 of ITB it is mentioned that a MOU can be signed with the OEM to supply luminaires with CCMS. Is it mandatory for the lead bidder of JV who is not an OEM to have an experience of supplying atleast 2000 nos luminaires with CCMS or can he use the experience of the OEM with whom he has signed the MOU. OEMs will not enter into a JV with a local contractor.</p> <p>2) If the lead bidder is an authorised dealer of the OEM, can he bid using the CCMS credentials of the OEM</p>	<p>Refer Corrigendum No.-03, Sr. No. 23.</p>
39	Volume I, ITB, Clause No. 6.1.1 Page No- 16	<p>Bidder may be a natural person / firm / Limited Liabilities Partnership Firm under the LLP Act 2008 / company registered under Company Act '1956 / 2013/ any legal entity or any combination of them with a formal intent to enter into a Joint venture agreement or under an existing agreement to form a Joint Venture.</p> <p>The Sole BIDDER / Lead BIDDER in Joint Venture (excluding OEM) should have valid registration certificates in Class-I category or equivalent category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorities of Indian State. The Sole BIDDER / Lead BIDDER of JV (excluding OEM) shall have a valid Electrical Contractor's license registered with Government of Assam or equivalent Registration in any State Government /Central Government / PSU / For Bidders, who is a PSU, the requirement of valid registration certificates in Class-I category or equivalent is exempted.</p>	<p>No Public Limited Company will agree to form a JV with local contractors as it is not permitted by share holders. So to encourage better participation can a JV/ consortium be permitted?</p>	<p>Tender Condition shall prevail.</p>

40	Volume I, ITB, Clause No. 6.4 Page No- 18	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 entire contract period (including O & M period) with full replacement and repairing support. The Original Equipment Manufacturer (OEM) must have the sale of minimum 5200 nos. LED Street light Luminaires in single work order during last Seven (07) years within India, with any government/ semi-government organizations/ Private organizations or Corporates. Further, the OEM should have its own Lighting Management Software (LMS) or it should have tied up with such partners who provide LMS services. The BIDDER shall submit copy of MoU between OEM and LMS provider. The BIDDER shall have completed at least one complete and successful project with 2000 nos. of LED Luminaires with CCMS offered with the above LMS solution in the last Seven (07) years within India, with any government/ semi-government organizations/ Private	If one of the members of a JV is the authorized dealer of an OEM, will the experience of the OEM be considered for evaluation. This is considering that the Authorised dealer was not a part of the CCMS project for which the OEM has an experience of CCMS.	Refer Corrigendum No.-03, Sr. No. 23.
41	Volume I, ITB, Clause No. 6.12 Page No- 20	The experience of members entering into Joint Ventures will only be considered. Experience of partner forming only MOU with BIDDERS without forming Joint Venture shall not be considered for the evaluations. All the above referred experience shall be considered for projects within India.	As the no of members of the JV is restricted to 3(including 1 OEM) one OEM may not have all the criteria of qualification, namely CCMS, luminaires and Poles. So multiple MOUs will be necessary. As the experience of the partner forming the MOU without forming JV will not be considered, most of the local contractors will not qualify. Also in a Public limited company, shareholders nod is required to form a JV. So a JV/ Consortium will not be possible with an OEM. We request you to allow the experience of the member of the MOU without forming a JV to be considered for evaluation.	Tender Condition shall prevail.
42	Volume I, ITB, Annexure-12, Format for Joint Venture, Page No- 72-75	Parties here to shall be jointly and severally responsible to the Employer for the execution of the works in accordance with the contract condition.	We request GSCL to dilute the point of "Jointly & Severally" clause in the Joint Venture Agreement since the scope of Lighting OEM is 1/10th value of the complete Project work. This clause under MoU / JV has also been deleted in Kalyan Dombivli Smart City (Smart LED Street Lighting: Tender Value: 48 Crores), Karnal Smart City (Smart LED Street Lighting: Tender Value-45 Crores) & DULB, Haryana (Tender Value - 400 Crores).	Tender Condition shall prevail.
43	Volume I, ITB, Annexure-13, Format for MEMORANDUM OF UNDERSTANDING (MOU) with OEM, Page No- 76	As per the tender conditions and further we mutually agree to execute the said project jointly and both the parties would be jointly and severally responsible for execution of the said projects and operation and maintenance of the project till the end of the contract period as per the Bidding Documents.	We request GSCL to remove said clause from MoU , where in "Jointly & Severally" clause responsibility for OEM for execution of project. OEM is responsible for supply & warranty of equipment and services offered . Complete ownership of project is with contractor who is sole responsible for bid. This clause under MoU / JV has also been deleted in Kalyan Dombivli Smart City (Smart LED Street Lighting: Tender Value: 48 Crores), Karnal Smart City (Smart LED Street Lighting: Tender Value-45 Crores) & DULB, Haryana (Tender Value - 400 Crores).	Tender Condition shall prevail.

44	Volume I, ITB, Clause No. 6.1.3 Page No- 17	The Sole BIDDER/ Any Member of JV should have installed cumulatively at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last Seven (07) financial years with Government/ Semi- Government organizations/ Private organizations or Corporates. Performance Certificate for successful Operation of the installed Lighting System with reference to Light fittings and CCMS duly signed by the Competent Authority from Client (Engineer-in-Charge, not below the rank of Executive Engineer). However, the Sole or Lead BIDDER in a JV should have cumulatively installed and commissioned entire street light system with at least 1200 nos. of street light poles with LED or Conventional Street Light Luminaires (MH/ HPSV) and other components like feeder pillars, cabling & earthing system or must have cumulatively installed and commissioned minimum 50 KM overhead transmission lines/ transmission underground cable laying up to 33KV in last Seven (07) financial years	We request to consider the total nos 5200 of LED Lights experience instead of CCMS Panels experience since no contractors / System Integrators / Lead Bidders wont be qualifying the criteria without forming a JV / Consortium.	Tender Condition shall prevail.
45	Volume II, TECH SPECS, Clause No. 7.3.3, Page No. 17	The Luminaries shall have a sturdy and corrosion resistant high pressure Die cast Aluminium alloy housing with weatherproof gasket for lamp, with separate Driver compartment and control gear accessories. The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy. The luminaries shall be totally enclosed, dust tight and water proof.	Due to poor impact resistance for single piece of die-cast LM6 Aluminium alloy, We request to consider ADC12 Aluminium grade.	Refer Corrigendum No.-03, Sr. No. 1.
46	Volume II, TECH SPECS, Clause No. 7.3.6, Page No. 15	The Luminaries Housing shall be suitable for termination of 3C X 2.5 sqmm copper conductor PVC insulated flexible Cable with Double Compression Weather proof Cable Glands if required.	We request to consider "The Luminaire housing shall have single entry suitable for termination of 3C X 1.0 sqmm copper conductor rubber insulated flexible Cable with Flexible Cable Glands." as approved by BIS as per IS10322 for outdoor luminaires.	The Luminaries Housing shall be suitable for termination of 3C X 1 sqmm copper conductor PVC insulated flexible Cable with Double Compression Weather proof Cable Glands if required. Refer Corrigendum No.-03, Sr. No. 3.
47	Volume II, TECH SPECS, Clause No. 7.3.7, Page No. 17	The optical system shall consist of Poly Carbonate lenses on individual high power LEDs designed & tested to achieve typical street lighting distribution from the LED Luminaire. These lenses provided for individual LEDs are to be fixed on lens plate in order to have consistent light distribution from luminaries. Luminaries should conform to the Photometric Distribution / requirements of Cut-Off / Semi Cut – off light distribution and optics as classified in IS 1944 and NLC 2010.	We request following changes as: 7.3.7 The optical system shall consists of individual / Lens array Poly Carbonate lenses on high power LEDs designed & tested to achieve typical street lighting distribution from the LED Luminaire. These lenses provided for individual LEDs are to be fixed on lens plate in order to have consistent light distribution from luminaries. Luminaries should conform to the Photometric Distribution / requirements of Cut-Off / Semi Cut – off light distribution and optics as classified in IS 1944 and NLC 2010.	Tender Condition shall prevail.
48	Volume II, TECH SPECS, Clause No. 7.3.10, Page No. 17	An extruded silicon loop gasket shall be provided in the lantern body to ensure a weather proof seal between the cover and the metal housing to exclude the entry of dust, water, insects, etc. Luminaries should conform to degree of protection of IP 66 or above. Felt gasket will not be accepted.	We request following changes : 7.3.10 An extruded / Moulded silicon loop gasket shall be provided in the lantern body to ensure a weather proof seal between the cover and the metal housing to exclude the entry of dust, water, insects, etc. Luminaries should conform to degree of protection of IP 66 or above. Felt gasket will not be accepted.	An Extruded/ Moulded silicon loop gasket shall be provided in the lantern body to ensure a weather proof seal between the cover and the metal housing to exclude the entry of dust, water, insects, etc. Luminaries should conform to degree of protection of IP 66 or above. Felt gasket will not be accepted. Refer Corrigendum No.-03, Sr. No. 4.
49	Volume II, TECH SPECS, Clause No. 7.3.13, Page No. 16	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.	We request changes as below : 7.3.13 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/ Labelled/ sticking on the housing.	Refer Corrigendum No.-03, Sr. No. 2.

50	Volume II, TECH SPECS, Clause No. 7.3.24, Page No. 19	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 each fixture while an additional surge arrester of 20kV/10kA shall be installed inside Feeder Pillar / field panel. The same shall be certified from independent lab and follow IEC 62305:2010 & IEC 61643-11-2011.No claim for failure of Luminaires, on account of voltage surges other than Lightning surges, will be considered.	We request changes as below : 7.3.24 Additionally, as per ANSI C 136.2-2014/ UL-1449, External Surge protection device (SPD) with Thermal Protection (TMOVs) of minimum 10 kV/ 5 kA to be separately installed with each fixture while an additional surge arrester of 20kV/10kA shall be installed inside Feeder Pillar / field panel. The same shall be certified from independent lab and follow IEC 62305:2010 & IEC 61643-11-2011.No claim for failure of Luminaires, on account of voltage surges other than Lightning surges, will be considered.	Tender Condition shall prevail.
51	Volume II, TECH SPECS, Clause No. 7.3.26, Page No. 19	The Luminaires shall be suitable for operation within the input supply voltage range specified. The driver of the light should be able to sense and cut-off power to the light in case of phase-to-phase/ 440 V fault. No claim in this regard shall be considered.	We request following changes : 7.3.26 The Luminaires shall be suitable for operation within the input supply voltage range specified. The driver of the light should be able to sense and cut-off power to withstand @ 8 hours to the light in case of phase-to-phase/ 440 V fault . No claim in this regard shall be considered.	Tender Condition shall prevail.
52	Volume II, TECH SPECS, Clause No. 8.3, Page No. 21	The GI feeder Pillar shall be fabricated from 3 mm CRCA sheet and shall be Hot Dipped Galvanized as per relevant latest standards after entire fabrication. The enclosure shall be powder coated with Epoxy paint as per desired colour of GSCL. The gland plate shall be 3mm thick.	We request GSCL to change as : The GI feeder Pillar shall be fabricated from 2 mm CRCA sheet and shall be Hot Dipped Galvanized / Powder Coated as per relevant latest standards after entire fabrication. The enclosure shall be powder coated with Epoxy paint as per desired colour of GSCL. The gland plate shall be 3mm thick.	The GI feeder Pillar shall be fabricated from 2 mm CRCA sheet and shall be Hot Dipped Galvanized as per relevant latest standards after entire fabrication. The enclosure shall be powder coated with Epoxy paint as per desired colour of GSCL. The gland plate shall be 3mm thick. Refer Corrigendum No.-03, Sr. No. 5.
53	Volume II, TECH SPECS, Clause No. 8.8, Page No. 22	Both the doors shall have an Inspection/ View Window for monitoring the energy meter reading without opening the door. The window on the external door shall be provided with a metal flip cover with small canopy which can be moved up and down for viewing the meter.	We request following changes : 8.8 Both the doors shall have an Inspection/ View Window for monitoring the energy meter reading without opening the door.	Tender Condition shall prevail.
54	Volume II, TECH SPECS, Clause No. 8.14, Page No. 22	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	We request following changes : 8.13 The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system. Reason : Astronomical timer is part of CCMS software solution which can be very well controlled from it.	Tender Condition shall prevail.
55	Volume II, TECH SPECS, Clause No. 8.18, c), Page No. 23	The other power and control components as per requirement are listed below; (c) Astronomical timer having Single channel and capable of Auto resetting when power resumes, provision of manual over ride, switching ON / OFF the circuit as per the Sunset and Sunrise timings along the year.	We request GSCL to remove this line as Astronomical timer is built in RTU & controlled through software . This need to be removed as this cannot be embedded into the software t regulate from command centre.	Tender Condition shall prevail.
56	Volume II, TECH SPECS, Clause No. 8.18, i), Page No. 23	The other power and control components as per requirement are listed below; (i) Space Heater with MCB and Thermostat and 7W LED Luminaries with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	We request GSCL to remove this line as this is not required as part of solution.	Tender Condition shall prevail.
57	Volume II, TECH SPECS, Clause No. 9.4.6, i), Page No. 26	The CCMS shall provide the following features; (i) Emergency Override - Locally & Remotely.	We request GSCL to change as (i) Emergency Override - Locally & Remotely / ON-OFF function	Tender Condition shall prevail.
58	Volume II, TECH SPECS, Clause No. 11.4, Page No. 35	During the Contract period, if any hardware or software needs to be replaced, the same will be replaced with same or better OEM and with same or higher configuration free of cost.	We request GSCL to remove this clause as contractor can change OEM after signing of contract and does not bind them with OEM.	Tender Condition shall prevail.

59	Volume II, TECH SPECS, Clause No. 19, Approved Makes, Table No. 4, Page No. 51	4. Cable	We request to consider Havells brand in this clause.	Tender Condition shall prevail.
60	Volume II, TECH SPECS, Clause No. 19, Approved Makes, Table No. 4, Page No. 51	10. Energy meter, MFM	We request to consider Secure, Genus brand in this clause.	Tender Condition shall prevail.
61	Volume II, TECH SPECS, Clause No. 19, Approved Makes, Table No. 4, Page No. 51	11. Contactor and other switchgears	We request to consider Havells brand in this clause.	Tender Condition shall prevail.
62	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	7. LED Wattage: >1 W<3W	We request to consider LED Wattages from 1-5 W since new LED upgradations & performances has been improved.	Tender Condition shall prevail.
63	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	9. LED Drive current: >=350 mA<750 mA	We request the changes as : 9. LED Drive current: >=350 mA<1050 mA as per technological advancements in LED.	Tender Condition shall prevail.
64	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	15. Colour Rendering Index of Luminaires: >70	We request the changes as : Colour Rendering Index of Luminaires: >=70	Tender Condition shall prevail.
65	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	16. System Power Efficiency: >90%	We request the changes as : 16. System Power Efficiency: >85% as dimmable to also be considered & BOQ includes the lower wattages products too	Tender Condition shall prevail.
66	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	Operating Temperature Range: -20 Deg C to + 50 Deg C	We request the changes as : 21. Operating Temperature Range: -10 Deg C to + 50 Deg C as per Guwahati weather conditions.	Tender Condition shall prevail.
67	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	31. Luminary Housing: Pressure Die Cast Aluminum (grade 5000 or similar) housing with corrosion resistant polyester powder coating. Mounting bracket with aiming & locking facilities. Large surface area with fins to dissipate the heat to ambient air.	a. Grade 5000 not suitable as not suitable for powder coating and It will have poor IK rating. b. We request to accept ADC12 grade of Aluminium for better durability.	Refer reply to the Point no. 20 above.
68	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	37. IK Protection for optical cover: >IK07	We request to consider >=IK07 since should be acceptable.	IK Protection for optical cover: ≥07 Refer Corrigendum No.-03, Sr. No. 13.
69	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	39. Minimum in-built Surge Protection; Min Surge protection required for luminaires	We request to consider >=10kv/5ka instead of 10 kv/10ka since the surge test is performed @2ohm impedance.	Tender Condition shall prevail.
70	Volume II, TECH SPECS, Clause No. 7.3.12, Page No. 16	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	UL/ERTL/ERDI specifications are not suited for Indian conditions for lighting. ISI has drafted extensive specifications for Street Lights. Hence we request you to delete these standards and mention the equivalent ISI standards. Indian certification standard for LED Lighting is as per IS 10322 (Part 5/Sec 3)and BIS.	Refer Corrigendum No.-03, Sr. No. 9.
71	Volume II, TECH SPECS, Clause No. 7.3.15, Page No. 17	Luminaries should conform to the National / International standards for Safety & Performance and test certificates as per relevant standards shall be provided by the manufacturer. In case of luminaries are imported, the CONTRACTOR shall conform to test parameters as per UL or equivalent standards. However, Luminaire should be registered under BIS CRS for IS 10322 part 5 Sec 3 which covers all safety and protection criteria since it has been made compulsory by BIS. BIDDER shall submit the BIS registration number of Luminaires including the Driver or both if separately registered proposed for the project in the technical Proposal and not only one of the two.	Please clarify and amend as ISO 9000 Certification pertains to companies but here ISO 9000 certifications is asked for aspects of design, marketing or manufacturing of any specific product.	Not understood. Tender Condition shall prevail.

72	Volume II, TECH SPECS, Clause No. 7.3.24, Page No. 18	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 each fixture while an additional surge arrester of 20kV/10kA shall be installed inside Feeder Pillar / field panel. The same shall be certified from independent lab and follow IEC 62305:2010 & IEC 61643-11-2011.No claim for failure of Luminaires, on account of voltage surges other than Lightning surges, will be considered.	ANSI/UL specifications are not suited for Indian conditions. ISI has drafted extensive specifications for Street Lights. Hence we request you delete these standards and mention the equivalent ISI standards. Indian certification standard for LED Lighting is as per mention in RFP IS 10322 (Part 5/Sec 3).	Relevant Indian Standards are included in the specification.
73	Volume II, TECH SPECS, Clause No. 7.3.30, Page No. 18	Protection against any type of mischief / pilferage should be ensured.	Please confirm that due to any unauthorised power theft on the street light poles, Contractor shall not be made responsible. Contractor with the CCMS system will inform the GSCL on where power theft is happening / happened .	Alarm in case of any theft or damage to the installation including Luminaire, Feeder pillar, etc. shall be provided.
74	Volume II, TECH SPECS, Clause No. 7.4.1, Page No. 18	The Routine test on each of the offered Luminaries shall be carried out by the CONTRACTOR before dispatch. Following tests shall be carried out as Routine tests by the CONTRACTOR for the offered Luminaries; (a)Visual and Dimensional check (b)Checking of documents of purchase of LED (c)Insulation resistance test (d)HV test (e)Reverse polarity	Kindly confirm that testing shall be carried out at factory premises only.	All testing shall be conducted at NABL accredited laboratory including Routine tests.
75	Volume II, TECH SPECS, Clause No. 8.14, Page No. 22	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	1. Please clarify why three phase power input is needed on a controller, when it's power rating is less . Please change it to Single Phase 3 Wire Input. 2. Astronomical Timers are generally used in Feeder Controllers without Network Timing Protocol. Please delete this requirement as the new generation Feeder Panels/Gateways are equipped with NTP.	Tender Condition shall prevail.
76	Volume II, TECH SPECS, Clause No. 8.18, b), Page No. 22	The other power and control components as per requirement are listed below; (b) All the contactors shall have high rupturing capacity rated for 3 phase, 440 V, 50 Hz, Four Pole, AC 1 duty.	Please clarify why three phase power input is needed on a controller, when it's power rating is less . Please change it to Single Phase 3 Wire Input.	Contactors are meant for Power circuit and not control circuit.
77	Volume II, TECH SPECS, Clause No. 8.18, c), Page No. 23	The other power and control components as per requirement are listed below; (c) Astronomical timer having Single channel and capable of Auto resetting when power resumes, provision of manual over ride, switching ON / OFF the circuit as per the Sunset and Sunrise timings along the year.	Astronomical Timers are generally used in Feeder Controllers without Network Timing Protocol. Please delete this requirement as the new generation controller /Gateways are equipped with NTP.	Tender Condition shall prevail.
78	Volume II, TECH SPECS, Clause No. 8.18, i), Page No. 23	The other power and control components as per requirement are listed below; (i) Space Heater with MCB and Thermostat and 7W LED Luminaries with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	This is OEM specific and not required in Indian conditions. (GSCL), where temperature does not fall below -3 Deg C. Hence please delete this requirement.	Tender Condition shall prevail.
79	Volume II, TECH SPECS, Clause No. 8.24, Page No. 23	In addition to the above, the feeder Pillars may enclose Smart Controller for Group controlling (ON/ OFF and ON/OFF/Dimming) & communicating with the CCMS over the mode and network provided. It shall also house Surge Protection Devise (SPD); Battery; communication module with required SMPS; etc. and their associated accessories.	Please confirm that feeder pillar will connect with gateway and gateway will communicate with CCMS.	Bidder's Assumption is correct.
80	Volume II, TECH SPECS, Clause No. 9.3.2, Page No 24	Server for storage of data -preferably dedicated server set-up (at Centralized Command Center/ Dedicated Server) or cloud based arrangement to ensure 100% guarantee of the data transmission, and real time data storage and archived data for the contract period.	Please confirm that dedicated server & storage set-up shall be provided in Guwahati smart city Data center and share the server sizing also.	At present, Cloud Server needs to be arranged by Bidder. However, in future, the data may be shifted to ICCC server once established/ it may be continued on Cloud as per GSCL's descretion.
81	Volume II, TECH SPECS, Clause No. 9.4.4, Page No 25	All the LED Luminaires which are rated above 75W and all Light fittings on roads having Carriage Way + Shoulder Width equal to or more than 11m and Road No. 36, 36A, 110, 4A, 1, 1A, 5, 24A, 40B, 14AA in Spine roads shall be Dimmable (configurable) where as the rest of the lights in Spine roads shall be non-Dimmable.	Please clarify ,normally LED luminaries above 90W will be made dimmable.	Tender Condition shall prevail.

82	Volume II, TECH SPECS, Clause No. 9.4.6, (j), Page No 25	Facilitate Asset mapping through GPS coordinates of each FP/ poles on existing maps	Please confirm whether Contractor shall also provide physical RFID tags	It is at Bidder's Discretion.
83	Volume II, TECH SPECS, Clause No. 9.4.6 (n), Page No. 26	Minimum 60 Days data shall be stored in the CLOUD. Data Older than 60 days shall be backed up on storage devices.	Please confirm if dedicated server & storage set-up shall be provided in Guwahati smart city Data center.	At present, Cloud Server needs to be arranged by Bidder. However, in future, the data may be shifted to ICCS server once established/ it may be continued on Cloud as per GSCL's discretion.
84	Volume II, TECH SPECS, Clause No.9.5.2, Page No. 26	Controllers if mounted inside the Luminaire shall be provided within the Luminaire in IP66 enclosure or through NEMA Socket.	Please allow Controllers outside the luminaries with IP-66 casing, as this will give better thermal management for Luminaries.	Tender Condition shall prevail.
85	Volume II, TECH SPECS, Clause No: 9.5.3, Page No. 26	The controller shall sustain operating temperature of (-5) to 50 deg C, operate at AC input (RMS Volts) 90-320V, 50 Hz supply conditions. Shall have the ability to communicate with remote central server/ CLOUD securely via suitable communication technology. All data shall be secured by encrypting them by 128 bit encryption.	Please modify as per indian standard Operating Voltage Range per single phase - 85 Vac to 265	Tender Condition shall prevail.
86	Volume II, TECH SPECS, Clause: 9.5.6(d), Page No. 26	Low power factor alert & restoration	Please delete this clause. It is not required at individual controller level.	The tender requirement is for Group Control. Bidder can achieve the group control by using individual control if required.
87	Volume II, TECH SPECS, Clause No: 9.5.9, Page No 27	Controller shall have the provision to store at least last 10 days data at one hour interval. All this data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller. For HHT, a smart phone-based solution for collecting /accessing data is also be provided.	Please delete HHT downloading feature through Bluetooth as it will affect the Data security of the controller. All the requisite information is anyways available at central server.	The requirement for data interface with HHT (Hand Held Unit) shall be provisioned for the Controllers for enabling access at site during Operation. Provision for data security shall be adequately taken care by Bidder.
88	Volume II, TECH SPECS, Clause No:9.5.13, Page No 27	Controller shall be able to detect switch weld condition and generate alarm. If due to fault if any contact melts, then the controller shall able to generate fault signal.	Please confirm if this weld condition is internal or external.	External.
89	Volume II, TECH SPECS, Clause No:9.5.17, Page No 27	Controller shall be provided with 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.	Please delete HHT downloading feature through Bluetooth as it will affect the Data security of the controller. All the requisite information is anyways available at central server.	Refer reply to the Point no. 87 above.
90	Volume II, TECH SPECS, Clause No:9.5.19, Page No. 27	All the controllers shall be traceable when mapped through GPS coordinate.	Please confirm whether Contractor shall also provide physical RFID tags	Refer reply to the Point no. 82 above.
91	Volume II, TECH SPECS, Clause No:9.5.22(b), Page No. 28	Sealing arrangement - As per IS 13779-1999(Reaffirmed 2002) and CEA Metering regulations 2006.	please specify Class-1 or 2 Meetering.	Class-1.
92	Volume II, TECH SPECS, Clause No:9.6.(i), Page No. 28	The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/ download all data & events on web/cloud network through suitable port & modem.	Please replace GPRS with 4G.	Refer Corrigendum No.-03, Sr. No. 06.
93	Volume II, TECH SPECS, Clause No:9.6.(vii), Page No. 28	There should be point to point communication between Controller & Gateway	Please mention LoRA wan connectivity between Gateway and Controllers.	Bidder to decide based on his offered technology.
94	Volume II, TECH SPECS, Clause No:9.8.31, Page No. 32	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 2 years beyond the contract period of five years without any additional cost.	Please provide the details of Command control centre Software to evaluate the suitability for API integration. Please clarify whether GSCL will sign a separate O&M contract for full deployment beyond contract period ?	CCC Will be established in future. All necessary APIs shall be made available for proper integration of the street light system with CCC. Extended O&M beyond contract period will be carried out at GSCL's discretion and Contractor's performance.

95	Volume II, TECH SPECS, Clause No:9.8.32,Page No. 32	The Software Application shall be supported by the CONTRACTOR even after the contract period.	Please change this to "after 5 year contract period next 2 year maintenance & upgrades will be free for software as mentioned in section 9.8.31.	Tender Condition shall prevail.
96	Volume II, TECH SPECS, Clause No:9.8.33, Page No. 32	In case of CLOUD server, the CLOUD registration shall be done in the name of Client/ Owner. Only Administrative rights shall be provided to the CONTRACTOR during the contract period. The CLOUD services shall be intact upon renewal every year after the contract period. The CLOUD shall not be OEM specific and shall be independent of OEM so that after the completion of contract period there should be no dependence on OEM for cloud services. Ministry of Electronics and Information Technology (MEITY) empaneled companies for providing Cloud services shall only be considered.	As the GSCL is planning for a dedicated Data centre for Smart City applications, it is suggested that GSCL should ask for On premise Server, instead of Cloud server to avoid any data security breaches by Cloud operations. This will save annual cloud charges also for GSCL.	Refer reply to the Point no. 83 above.
97	Volume II, TECH SPECS, Clause No: 21.0 ANNEXURE 2,Page No. 57	TABLE NO. 6 – DRIVER/ CONTROL GEAR DATA SHEET: Output Voltage Range 150 V DC – 215 V DC	Please change Output Voltage Range to 43 -118VDC only. As in the BOQ you have asked for 75W LED where output voltage range is 43-118VDC only.	TABLE NO. 6 – DRIVER/ CONTROL GEAR DATA SHEET: Output Voltage Range 40 V DC – 215 V DC Refer Corrigendum No.-03, Sr. No. 7.
98	Volume II, TECH SPECS, Clause No:7.3.12, Page No. 16	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	UL/ERTL/ERDI specifications are not suited for Indian conditions for lighting. ISI has drafted extensive specifications for Street Lights. Hence we request you to delete these standards and mention the equivalent ISI standards. Indian certification standard for LED Lighting is as per IS 10322 (Part 5/Sec 3)and BIS.	Tender Condition shall prevail.
99	Volume II, TECH SPECS, Clause No:7.3.15, Page No. 17	Luminaries should conform to the National / International standards for Safety & Performance and test certificates as per relevant standards shall be provided by the manufacturer. In case of luminaries are imported, the CONTRACTOR shall conform to test parameters as per UL or equivalent standards. However, Luminaire should be registered under BIS CRS for IS 10322 part 5 Sec 3 which covers all safety and protection criteria since it has been made compulsory by BIS. BIDDER shall submit the BIS registration number of Luminaires including the Driver or both if separately registered proposed for the project in the technical Proposal and not only one of the two.	Please clarify and amend as ISO 9000 Certification pertains to companies but here ISO 9000 certifications is asked for aspects of design, marketing or manufacturing of any specific product.	Not understood. Tender Condition shall prevail.
100	Volume II, TECH SPECS, Clause No:7.3.24, Page No. 18	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 each fixture while an additional surge arrester of 20kV/10kA shall be installed inside Feeder Pillar / field panel. The same shall be certified from independent lab and follow IEC 62305:2010 & IEC 61643-11-2011.No claim for failure of Luminaires, on account of voltage surges other than Lightning surges, will be considered.	ANSI/UL specifications are not suited for Indian conditions. ISI has drafted extensive specifications for Street Lights. Hence we request you delete these standards and mention the equivalent ISI standards. Indian certification standard for LED Lighting is as per mention in RFP IS 10322 (Part 5/Sec 3).	Refer reply to the Point no. 72 above.
101	Volume II, TECH SPECS, Clause No:7.3.30, Page No. 18	Protection against any type of mischief / pilferage should be ensured.	Please confirm that due to any unauthorised power theft on the street light poles, Contractor shall not be made responsible. Contractor with the CCMS system will inform the GSCL on where power theft is happening / happened .	Refer reply to the Point no. 73 above.
102	Volume II, TECH SPECS, Clause No:7.4.1, Page No. 18	The Routine test on each of the offered Luminaries shall be carried out by the CONTRACTOR before dispatch. Following tests shall be carried out as Routine tests by the CONTRACTOR for the offered Luminaries:	Kindly confirm that testing shall be carried out at factory premises only.	Refer reply to the Point no. 74 above.
103	Volume II, TECH SPECS, Clause No:8.14, Page No. 21	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	1. Please clarify why three phase power input is needed on a controller, when it's power rating is less . Please change it to Single Phase 3 Wire Input. 2. Astronomical Timers are generally used in Feeder Controllers without Network Timing Protocol. Please delete this requirement as the new generation Feeder Panels/Gateways are equipped with NTP.	Refer reply to the Point no. 75 above.

104	Volume II, TECH SPECS, Clause No:8.18(b), Page No. 22	All the contactors shall have high rupturing capacity rated for 3 phase, 440 V, 50 Hz, Four Pole, AC 1 duty.	Please clarify why three phase power input is needed on a controller, when it's power rating is less . Please change it to Single Phase 3 Wire Input.	Refer reply to the Point no. 76 above.
105	Volume II, TECH SPECS, Clause No:8.18(c), Page No. 22	Astronomical timer having Single channel and capable of Auto resetting when power resumes, provision of manual over ride, switching ON / OFF the circuit as per the Sunset and Sunrise timings along the year.	Astronomical Timers are generally used in Feeder Controllers without Network Timing Protocol. Please delete this requirement as the new generation controller /Gateways are equipped with NTP.	Refer reply to the Point no. 77 above.
106	Volume II, TECH SPECS, Clause No:8.18(i), Page No. 22	Space Heater with MCB and Thermostat and 7W LED Luminaries with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	This is OEM specific and not required in Indian conditions. (GSCL), where temperature does not fall below -3 Deg C. Hence please delete this requirement.	Tender Condition shall prevail.
107	Volume II, TECH SPECS, Clause No:8.24, Page No. 23	In addition to the above, the feeder Pillars may enclose Smart Controller for Group controlling (ON/ OFF and ON/OFF/Dimming) & communicating with the CCMS over the mode and network provided. It shall also house Surge Protection Device (SPD); Battery; communication module with required SMPS; etc. and their associated accessories.	Please confirm that feeder pillar will connect with gateway and gateway will communicate with CCMS.	Refer reply to the Point no. 79 above.
108	Volume II, TECH SPECS, Clause No:9.3.2, Page No. 24	Server for storage of data -preferably dedicated server set-up (at Centralized Command Center/ Dedicated Server) or cloud based arrangement to ensure 100% guarantee of the data transmission, and real time data storage and archived data for the contract period.	Please confirm that dedicated server & storage set-up shall be provided in Guwahati smart city Data center and share the server sizing also.	Refer reply to the Point no. 83 above.
109	Volume II, TECH SPECS, Clause No:9.4.4, Page No. 25	All the LED Luminaires which are rated above 75W and all Light fittings on roads having Carriage Way + Shoulder Width equal to or more than 11m and Road No. 36, 36A, 110, 4A, 1, 1A, 5, 24A, 40B, 14AA in Spine roads shall be Dimmable (configurable) where as the rest of the lights in Spine roads shall be non-Dimmable.	Please clarify, normally LED luminaries above 90W will be made dimmable.	Tender Condition shall prevail.
110	Volume II, TECH SPECS, Clause No:9.4.6 (j), Page No. 25	Facilitate Asset mapping through GPS coordinates of each FP/ poles on existing maps	Please confirm whether Contractor shall also provide physical RFID tags	Refer reply to the Point no. 82 above.
111	Volume II, TECH SPECS, Clause No:9.4.6 (n), Page No. 26	Minimum 60 Days data shall be stored in the CLOUD. Data Older than 60 days shall be backed up on storage devices.	Please confirm if dedicated server & storage set-up shall be provided in Guwahati smart city Data center.	Refer reply to the Point no. 83 above.
112	Volume II, TECH SPECS, Clause No:9.5.2, Page No. 26	Controllers if mounted inside the Luminaire shall be provided within the Luminaire in IP66 enclosure or through NEMA Socket.	Please allow Controllers outside the luminaries with IP-66 casing, as this will give better thermal management for Luminaries.	Tender Condition shall prevail.
113	Volume II, TECH SPECS, Clause No:9.5.3, Page No. 26	The controller shall sustain operating temperature of (-5) to 50 deg C, operate at AC input (RMS Volts) 90-320V, 50 Hz supply conditions. Shall have the ability to communicate with remote central server/ CLOUD securely via suitable communication technology. All data shall be secured by encrypting them by 128 bit encryption.	Please modify as per indian standard Operating Voltage Range per single phase - 85 Vac to 265	Tender Condition shall prevail.
114	Volume II, TECH SPECS, Clause No:9.5.6(d), Page No. 26	Low power factor alert & restoration	Please delete this clause. It is not required at individual controller level.	Refer reply to the Point no. 86 above.
115	Volume II, TECH SPECS, Clause No:9.5.9, Page No. 27	Controller shall have the provision to store at least last 10 days data at one hour interval. All this data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller. For HHT, a smart phone-based solution for collecting /accessing data is also be provided.	Please delete HHT downloading feature through Bluetooth as it will affect the Data security of the controller. All the requisite information is anyways available at central server.	Refer reply to the Point no. 87 above.
116	Volume II, TECH SPECS, Clause No:9.5.13, Page No. 27	Controller shall be able to detect switch weld condition and generate alarm. If due to fault if any contact melts, then the controller shall able to generate fault signal.	Please confirm if this weld condition is internal or external.	Refer reply to the Point no. 88 above.

117	Volume II, TECH SPECS, Clause No:9.5.17, Page No. 27	Controller shall be provided with 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.	Please delete HHT downloading feature through Bluetooth as it will affect the Data security of the controller. All the requisite information is anyways available at central server.	Refer reply to the Point no. 87 above.
118	Volume II, TECH SPECS, Clause No:9.5.19, Page No. 27	All the controllers shall be traceable when mapped through GPS coordinate.	Please confirm whether Contractor shall also provide physical RFID tags	Refer reply to the Point no. 82 above.
119	Volume II, TECH SPECS, Clause No:9.5.22(b), Page No. 28	Sealing arrangement - As per IS 13779-1999(Reaffirmed 2002) and CEA Metering regulations 2006	please specify Class-1 or 2 Meetering.	Refer reply to the Point no. 91 above.
120	Volume II, TECH SPECS, Clause No:9.6.(i), Page No. 28	The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/download all data & events on web/cloud network through suitable port & modem	Please replace GPRS with 4G.	Refer reply to the Point no. 92 above.
121	Volume II, TECH SPECS, Clause No:9.6.(vii), Page No. 28	There should be point to point communication between Controller & Gateway	Please mention LoRA wan connectivity between Gateway and Controllers.	Refer reply to the Point no. 93 above.
122	Volume II, TECH SPECS, Clause No:9.8.31, Page No. 32	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 2 years beyond the contract period of five years without any additional cost.	Please provide the details of Command control centre Software to evaluate the suitability for API integration. Please clarify whether GSCL will sign a separate O&M contract for full deployment beyond contract period ?	Refer reply to the Point no. 94 above.
123	Volume II, TECH SPECS, Clause No:9.8.32, Page No. 32	The Software Application shall be supported by the CONTRACTOR even after the contract period.	Please change this to "after 5 year contract period next 2 year maintenance & upgrades will be free for software as mentioned in section 9.8.31.	Refer reply to the Point no. 95 above.
124	Volume II, TECH SPECS, Clause No:9.8.33, Page No. 32	In case of CLOUD server, the CLOUD registration shall be done in the name of Client/ Owner. Only Administrative rights shall be provided to the CONTRACTOR during the contract period. The CLOUD services shall be intact upon renewal every year after the contract period. The CLOUD shall not be OEM specific and shall be independent of OEM so that after the completion of contract period there should be no dependence on OEM for cloud services. Ministry of Electronics and Information Technology (MEITY) empaneled companies for providing Cloud services shall only be considered.	As the GSCL is planning for a dedicated Data centre for Smart City applications, it is suggested that GSCL should ask for On premise Server, instead of Cloud server to avoid any data security breaches by Cloud operations. This will save annual cloud charges also for GSCL.	Refer reply to the Point no. 83 above.
125	Volume II, TECH SPECS, Clause No: 21.0 ANNEXURE 2, Page No. 57	TABLE NO. 6 – DRIVER/ CONTROL GEAR DATA SHEET: Output Voltage Range 150 V DC – 215 V DC	Please change Output Voltage Range to 43 -118VDC only. As in the BOQ you have asked for 75W LED where output voltage range is 43-118VDC only.	Refer reply to the Point no. 97 above.
126	Volume I, ITB, Clause No: Tender NIT, Page No. 3	Last date and time for submission of Bid 31 Aug 21.	Request you kindly please extend bid submission deadline by 4 weeks post Queries response.	Refer Corrigendum No- 01.
127	Volume I, ITB, Clause No: Joint Venture / Tender NIT , Page No. 4	Joint venture entity of Maximum Three (3) firms/ members / companies, as partners shall be allowed for the works only if third firm/member is OEM. Otherwise maximum Two (2) firms/ members / companies, as partners shall be allowed for the works.	Kindly Allow Network, Communication, Software & Cloud OEM as subcontractor.	It is at Bidder's descretion. However, the entire responsibility shall be owned by the Bidder.
128	Volume II, TECH SPECS, Clause No: d) 4.1.10 & 9.4.4, Page No. 8 and 24	Dimmable driver shall be considered only for Luminaires which are rated above 75W and all Light fittings on roads having Carriage Way + Shoulder Width equal to or more than 11m and Road No. 36, 36A, 110, 4A, 1, 1A, 5, 24A, 40B, 14AA for Spine roads.	Request you please make dimming requirement for "Luminaires which are rated below 75W" so that this will be able to achieve quantum of energy savings of off peak hours.	Tender Condition shall prevail.

129	Volume II, TECH SPECS, Clause No: 4.1.11, Page No. 9 of 75	The RFP requirement is Group control. However, in case BIDDER wishes to achieve Group control with Individual Controller then that is BIDDER's decision. Individual controller can be accomplished with either NEMA socket or inbuilt controller. However, the thermal stability of the Luminaire shall be ensured when provided with inbuilt controller.	Request to amend this clause for Individual control so that efficient control and energy saving can be realised with help in Operations and maintenance to trace faults, maintenance points and reduce truck rolls and finally contributions to low carbon for clean and breathable India.	Bidder can provide Individual control at its own discretion.
130	Volume II, TECH SPECS, Clause No: 9.5.9, Page No. 28	Controller shall have the provision to store at least last 10 days data at one hour interval. All this data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller. For HHT, a smart phone-based solution for collecting /accessing data is also be provided.	As the data will be transferred remotely to the server; request eliminate HHT option which is not require at all.	Proper security protocol shall be provided for data security.
131	Volume II, TECH SPECS, Clause No: 9.6.(i), Page No. 29	The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/download all data & events on web/cloud network through suitable port & modem.	We assume the GPRS interface mentioned here is for the backhaul from gateway to the cloud based app. The filed comms options is open and the bidder can propose an RF based network. Please confirm.	Tender Condition shall Prevail. Bidder to offer technology as per their offered system.
132	Volume II, TECH SPECS, Clause No: 9.6.(vii), Page No. 29	There should be point to point communication between Controller & Gateway.	As point to point communication is specified to single communication option i.e. GPRS, request to eliminate the point to allow RF mesh and other communication options.	Refer reply to the Point no. 92 above. Bidder to offer technology as per their offered system.
133	Volume II, TECH SPECS, Clause No: 9.8.14, Page No. 31	The application should have required protection like Firewall, Malware, Antivirus etc., as per industry security standards. The data sent by device to IoT platform and further to application should strictly follow 128-bit AES Encryption standards. The application should also follow OWASP Application Security Verification Standard. The supplier should provide documentary proof that the supplier follows Data Validation, Denial of Service. The supplier provided application should also follow OAuth2 Security based authentication process to provide customer user access to its application software.	Request to Kindly remove reference to OWASP.	The application should have required protection like Firewall, Malware, Antivirus etc., as per industry security standards. The data sent by device to IoT platform and further to application should strictly follow 128-bit AES Encryption standards. The supplier should provide documentary proof that the supplier follows Data Validation, Denial of Service. The supplier provided application should also follow OAuth2 Security based authentication process to provide customer user access to its application software. Refer Corrigendum No.-03, Sr. No. 15.
134	Volume II, TECH SPECS, Clause No: 9.8.19, Page No. 31	The application should display the no. of faulty lights for each phase separately instead of giving a total figure of faulty lights for all the 3 phases together.	As faulty lights will be indicated with geo location and qty, there is no need of separate count of faulty lights on phase wise; kindly eliminate the point.	Tender Condition shall prevail.
135	Volume II, TECH SPECS, Clause No: 9.8.31, Page No. 33	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 2 years beyond the contract period of five years without any additional cost.	We understand with Cloud service Model there is only requirement of Subscription Licences for 5 years as per period mention in the RFP documents, kindly please confirm our understanding.	The Subscription Licences period shall be for 5+2 years as mentioned in tender document.
136	Volume II, TECH SPECS, Clause No: 9.8.32, Page No. 33	The Software Application shall be supported by the CONTRACTOR even after the contract period.	Kindly provide SoR / Price quote line item for support of the software application after 5 years of Operations and maintenance.	The Contractor scope shall include the payment of the software subscription for the next 2 years beyond the contract period of five years. The Contractor shall pay the same in advance during annual payment of fifth year subscription as a part of Operation & Maintenance.
137	Volume II, TECH SPECS, Clause No: 9.8.33, Page No. 33 of 75	In case of CLOUD server, the CLOUD registration shall be done in the name of Client/ Owner. Only Administrative rights shall be provided to the CONTRACTOR during the contract period. The CLOUD services shall be intact upon renewal every year after the contract period. The CLOUD shall not be OEM specific and shall be independent of OEM so that after the completion of contract period there should be no dependence on OEM for cloud services. Ministry of Electronics and Information Technology (MEITY) empaneled companies for providing Cloud services shall only be considered.	We understand with cloud service model only Subscription licences shall be provided for given time as per contract period of implementation + 5 years O&M. And Clouds registered under Ministry of Electronics and Information Technology (MEITY) empaneled companies are not OEM specific (e.g. Microsoft Azure) Please confirm our understanding	The Subscription Licences period shall be for 5+2 years.
138	Volume II, TECH SPECS, Clause No: 17.0, (d) Page No. 46	MoU with one or more Luminaire and Lighting Management System OEMs, whose products are being offered by the BIDDER for the project. and technical	We understand Network, Communication, Software & Cloud OEM can work as as subcontractor to bidder with standard MoU. Please confirm our understanding.	It is at Bidder's descretion. However, the entire responsibility shall be owned by the Bidder.

139	Volume I, ITB, Clause No: Tender NIT, Page No. 3	Last date and time for submission of Bid 31 Aug 21.	We have gone through tender document of above said work and observed that execution work of 135 km road with more than 100 cross section across city requires extensive survey alongwith proper design work following with documentation (Test reports) of proposed product of optimized wattage from Third party NABL approved lab and for that we request you to extend tender submission date to minimum 21 days from the date mentioned in the tender document.	Refer Corrigendum No-1.
140	Volume I, ITB, Clause No. 6.1.3, 6.1.4, 6.2, 6.4, Page No. 6,7,8	PQ Criteria of Bidder- 6.1.3,6.1.4,6.2,6.4.	Prequalification criteria of Bidder/Manufacturer. We request you to consider following: Sole Bidder or consortium of JV partners (Contractor and OEM) maximum of two will jointly or solely qualify supply of 5200 nos of led luminaire. Sole bidder or JV partner can make MOU with lighting controller partner having experience in supply of 1500 Nos of lighting controls in single order. Sole bidder or Consortium of bidder alongwith MOU partner should have experience of O&M of minimum 2000 No of fixtures in single order.	Tender Condition shall prevail.
141	Volume II, TECH SPEC, Table-1, Page No 7	TABLE 1 - ROWS FOR SPINE ROADS	In dilux report UL represent with symbol UI. Need to confirm.	Bidder understanding is correct.
142	Volume II, TECH SPECS, Clause No. 7.3.3, Page No. 17	The Luminaries shall have a sturdy and corrosion resistant high pressure Die cast Aluminium alloy housing with weatherproof gasket for lamp, with separate Driver compartment and control gear accessories. The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy. The luminaries shall be totally enclosed, dust tight and water proof.	LM6 or ADC12. We request to accept propose ADC12.	Refer Corrigendum No.-03, Sr. No. 1.
143	Volume II, TECH SPECS; Clause No: 7.3.5, Page No.17	Heat sink used should be Aluminium extrusion having high conductivity. The dimensions of luminaries shall be optimum and adequate to permit sufficient heat dissipation, through the body itself, so as to prevent abnormal temperature rise inside the lantern and consequential damage to the cover and gasket materials, LEDs, lenses and electronic drivers. Heat sink must be thermally connected to MCPCB/ LED light source.	We request you to Accept Aluminium pressure die casting also as complete body if high pressure die cast.	Heat sink used should be Aluminium extrusion/ Aluminium pressure die casting having high conductivity. The dimensions of luminaries shall be optimum and adequate to permit sufficient heat dissipation, through the body itself, so as to prevent abnormal temperature rise inside the lantern and consequential damage to the cover and gasket materials, LEDs, lenses and electronic drivers. Heat sink must be thermally connected to MCPCB/ LED light source. Refer Corrigendum No.-03, Sr. No. 8.
144	Volume II, TECH SPECS, Clause No. 7.3.6, Page No. 17	The Luminaries Housing shall be suitable for termination of 3C X 2.5 sqmm copper conductor PVC insulated flexible Cable with Double Compression Weather proof Cable Glands if required.	We request to accept 3C x 1.0 sqmm, being sufficient current carrying capacity as per IS10322 report.	Refer Corrigendum No.-03, Sr. No. 3.
145	Volume II, TECH SPECS, Clause No. 7.3.7, Page No. 17	The optical system shall consist of Poly Carbonate lenses on individual high power LEDs designed & tested to achieve typical street lighting distribution from the LED Luminaire. These lenses provided for individual LEDs are to be fixed on lens plate in order to have consistent light distribution from luminaries. Luminaries should conform to the Photometric Distribution / requirements of Cut-Off / Semi Cut – off light distribution and optics as classified in IS 1944 and NLC 2010.	PI clarify Integrated lens with cover or inbuilt lenses in cover.	It can be of Both types.

146	Volume II, TECH SPECS, Clause No. 7.3.12, Page No. 16	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	Please clarify as these are probably most of them are name of labs operated in India.	Refer Corrigendum No.-03, Sr. No. 9.
147	Volume II, TECH SPECS, Clause No. 7.3.17, Page No. 18	All the connecting wires inside the Luminaries shall be Low Smoke Halogen Free, fire retardant cable or as per IS 10322 part 5 Sec 3 whichever is stringent.	We propose rubber cable confirming IS 9968.	Tender Condition shall prevail.
148	Volume II, TECH SPECS, Clause No. 7.3.18, Page No. 18	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the Luminaries. Drivers shall have inbuilt protection system to operate safely, automatically isolate during abnormal conditions & restart as soon as the system normalizes. Third party Test certificates from NABL accredited Lab shall be submitted along with the BID for all the above. Drivers shall be capable of withstanding the voltage stress of 440V. Test certificates shall be submitted to justify the same.	PI clarify values if any. We request you to accept as per standard manufacturer driver datasheet.	Tender Condition shall prevail.
149	Volume II, TECH SPECS, Clause No. 7.3.18, Page No. 18	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the Luminaries. Drivers shall have inbuilt protection system to operate safely, automatically isolate during abnormal conditions & restart as soon as the system normalizes. Third party Test certificates from NABL accredited Lab shall be submitted along with the BID for all the above. Drivers shall be capable of withstanding the voltage stress of 440V. Test certificates shall be submitted to justify the same.	We request to accept as per standard manufacturer datasheet.	Tender Condition shall prevail.
150	Volume II, TECH SPECS, Clause No. 7.3.21, Page No. 18	The Manufacturer shall have NABL accredited testing facilities to carry out all the relevant test and shall be offered for inspection to the GSCL for verification of the required parameters and tests. CONTRACTOR shall confirm the same in the BID.	We request to accept all reports (Physical / witness) during inspection from third party NABL approved lab. We use third party NABL lab report. We are ready to perform all required tests from Third party NABL approved lab at our own cost during each inspection.	The Manufacturer shall have NABL accredited testing facilities or shall be associated for this project with any third party NABL accredited laboratory to avail its services for all type of tests including Routine tests, Acceptance tests and Type test. The luminaires shall be offered for inspection to the GSCL for verification of the required parameters and tests. CONTRACTOR shall confirm the same in the BID. Refer Corrigendum No.-03, Sr. No. 10.
151	Volume II, TECH SPECS, Clause No:7.3.24, Page No. 18	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 each fixture while an additional surge arrester of 20kV/10kA shall be installed inside Feeder Pillar / field panel. The same shall be certified from independent lab and follow IEC 62305:2010 & IEC 61643-11-2011.No claim for failure of Luminaires, on account of voltage surges other than Lightning surges, will be considered.	Scope of 20kV/10kA SPD is not clear.	20kV Max Surge protection with Max discharge current 8/20uS of 10 kA.
152	Volume II, TECH SPECS, Clause No. 20, Luminaire Datasheet, Table No. 5, Page No. 53	16. System Power Efficiency: >90%	We request to accept $\geq 85\%$.	Tender Condition shall prevail.
153	Volume II, TECH SPECS, Clause No. 20, Annexure-1, Table No.5, Page No. 54	18. Driver Efficiency: >90%	We request to accept $\geq 85\%$.	Driver efficiency > 90% for luminaire wattage > 75W and Driver efficiency > 85% for luminaire wattage ≤ 75 W. Refer Corrigendum No.-03, Sr. No. 11.
154	Volume II, TECH SPECS, Clause No. 21, Annexure-2, Table No.6, Page No. 57	15. Driver Life: Minimum 50000 Hours or Same as LED Luminaire Life.	We request to consider rated not minimum life.	Tender Condition shall prevail.
155	Volume II, TECH SPECS, Clause No. 21, Annexure-2, Table No.6, Page No. 58	21. EMI Compliant: Yes	We request you to refer Luminaire and Drivers are BIS certified and with compliance all relevant IS.	Tender Condition shall prevail.

156	Volume II, TECH SPECS, Clause No. 9.4.2, Page No. 25	Wherever applicable for Group Control the Maximum quantity of luminaries controlled by each Controller shall be decided by CONTRACTOR however, it shall not be less than 40 lamps per Controller. This may be different for Individual Controlled Luminaires used for Group Control because of the available technology by the BIDDER	This is not valid in case of point-to-point communication. PI clarify	The referred clause is for Group controlled system.
157	Volume II, TECH SPECS, Clause No:9.5.17, Page No 27	Controller shall be provided with 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.	RF based communication is enough. PI provide your acceptance.	Tender Condition shall Prevail. Bidder to offer technology as per their offered system.
158	Volume II, TECH SPECS, Clause No: 9.6 (vii), Page No. 28	There should be point to point communication between Controller & Gateway	PI confirm if it is ok.	Tender Condition shall Prevail. Bidder to offer technology as per their offered system.
159	Volume-I, ITB, Clause No: 1.2, Page No 6	Presently the coverage of street lights within Guwahati is low. As a Smart city initiative, GSCL is in process to improve the coverage by installing smart street lighting in selected spine roads of Guwahati.	Please clarify as to what would be the scope of work wrt the existing poles and LED lights in the spine roads.	The scope of work for spine road is elaborated in Vol-I. No scope of work related to existing poles.
160	Volume-I, ITB, Scope of work, Clause No 4.2.6, Page No. 11 and 12	The Battery Limit of BIDDER starts beyond the LT tariff meter provided by APDCL. The Incoming supply at 11kV or 415 V as decided by APDCL shall be provided by APDCL from the nearest source point. Installation of 2 pole structure for HT supply including mounting of swaged poles, cross arms, Stay arrangement, Gang Operated Device (GOD), Drop Out (DO) Fuse, Lightning Arrestors (LA), Insulators & connecting conductors as required, earthing, Transformer on a two pole structures, transformer earthing, outgoing cable from transformer LT side, LT Tariff meter panel and all the required civil works shall be provided by APDCL. However, the entire Liaison with APDCL for accomplishing the above work shall be carried out by CONTRACTOR.	Please clarify if we must install transformers for the greenfield stretches? Would there be cases where we will not have to install the transformers and just get the connection from a nearby installed substation/transformer?	NO, Clause is self explanatory. The Incoming supply at 11kV or 415 V as decided by APDCL shall be provided by APDCL from the nearest source point.
161	Volume-I, ITB, Scope of work, Clause No. 4.5, Page No. 12	Minimum Two Nos. Tower/ Sky mounted on a 6T Truck with Fibre Glass workmen cage and all the safety devices suitable for a reach of 15m height and One no. Pick-up truck for movement of material like poles etc. The vehicles shall be handed over to GSCL upon completion of the Contract tenure in good physical and operational condition.	Please clarify if hydraulic vehicles and/or any other equipment will be provided by GSCL/GMC for installation and/or maintenance purpose? If yes, then for what would be the commercial arrangement.	No Vehicles or any other equipment shall be provided by GSCL/GMC. Bidder to procure and use them for Maintenance purpose and handover on completion of the contract.
162	Volume-I, ITB, Scope of work, Clause No. 4.10, Page No. 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, excavation permit, Load release, charging and commissioning of equipment and system etc. are within the scope of works	Request for Municipality support and accountability as well as it has direct impact on speed of work.	Needed support shall be provided by GSCL.
163	Volume-I, ITB, Scope of work, Clause No. 4.11, Page No. 12	The clearance for carrying out dismantling works of existing Light Fittings on electric poles shall be given only after successful completion of trial testing period of 15 days and approval from GMC after installation and commissioning of new street lighting system in the particular area.	Please clarify and explain the meaning, purpose and methodology of "trial testing".	Trial testing means conducting the testing on the installed system for a trial period of 15 days before acceptance/ approval of the Authority.
164	Volume-I, ITB, Instruction to bidders, Clause No. 5.1, Page No. 13 and 14	The road details such as road width & length and the required Lighting Levels (Lux- Levels) of each road to be illuminated are provided in Vol II - Technical Specifications. The total quantity of Luminaire envisaged is approx. 5200 nos. Please note that this data is for evaluation purpose only and actual data is to be considered by the successful BIDDER after conducting survey. BIDDER is required to carry out the survey, based on which he needs to work out the lighting design in such a way to provide Illumination Level as mentioned in the Table-1 of Vol-II of tender document. BIDDER shall also ascertain the length of the roads for Spine Roads in the scope of works during the survey and define maximum Five (5) sections for part commissioning having minimum 25 km per section.	Since the price bid will be based on our survey and design, please clarify at what stage will this approval be given? If the approval is provided after the project award, then any change in the design will impact the costs. Therefore, we need more clarity on this process.	Bidder shall submit their design along with the technical Bid. Bidder to offer their optimum design which they will have to execute and display its performance. No cost impact shall be considered for any faulty design. Entire responsibility of design and performance is on the Bidder.

165	Volume-I, ITB, Clause No. 5.5, Page No. 14	CONTRACTOR shall lay cable either manually by excavating open trench or through trenchless method. However, all necessary permission to dig or drill or lay from concerned authorities and taking care so as not to damage the existing power/ telecom cables or utility lines underneath through the same corridor shall be ensured. Any damage if done shall be compensated by CONTRACTOR to the concerned owner with no implication to GSCL whatsoever.	Details wrt any water pipes underground, telecom cables etc have to be provided by Authority. If no information available, this will be difficult and therefore the responsibility should be shared by both bidder as well as GSCL.	Bidder have to take due care while excavating so as not to damage the existing infrastructure whether indicated by the concerned authority or not. It may not be entirely possible to indicate the infrastructure at every point by the Authority. The responsibility of the works shall be on Bidder.
166	Volume-I, ITB, Clause No 5.11, Page No. 15	All the assets and Software along with its associated information shall become the property of GSCL after it is commissioned and approved.	Please explain how software can be owned by GSCL.	Earlier it was presumed that, the software shall be the property of GSCL once installed. However, it is understood that, the same shall be provided with Subscription basis for the specified period as mentioned in tender document.
167	Volume-I, ITB, Clause No 13.2, Page No. 24	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 (as per format mentioned in Annexure 11). Earnest Money Deposit in any other form will not be entertained. However, for MSME, EMD shall be exempted provided Bidder substantiate the eligibility by uploading MSME Registration certificate related to Electrical and Lighting works. The registration certificate should be valid as on Date of submission of Bid. Similarly, for PSU organizations, EMD shall be exempted provided Bidder substantiate the eligibility by uploading relevant guidelines related to EMD exemption issued by Government of India. The Exemption for MSME or PSU will be applicable only to eligible sole Bidder / Lead Bidder of Consortium.	While it speaks about relaxation on EMD if the bidder is an MSME however in all the other clauses it says that GSCL has the right to cancel a bid if EMD is not submitted. Please clarify	EMD relaxation is only for MSME & PSU provided relevant documentary evidences are submitted as per the tender requirements. However, EMD is applicable for all other Bidders. Bidder to refer Clause No. 13.2, Vo-I of ITB. Tender Condition shall prevail.
168	Volume-I, ITB, Clause No 16.1.3, Page No. 27	The Type test reports of LED Luminaire shall include the following test reports not older than Seven (7) years from recognized Third party NABL accredited lab.	Since the product/solution desired is the specific requirement of Guwahati Smart City, please allow bidders to submit all the NABL Required test reports within 45 days after getting the LOA as these certification required time. Please accept the 45 days declaration from Company letterhead of the bidders.	Tender Condition shall prevail.
169	Volume-I, ITB, Clause No 33 & 33.1, Page No. 34 and 35	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 over and above the rate quoted in the Bid for any increase / decrease in the quantities with reference to that mentioned in the Price Bid BOQ (Bill of Quantity). Rate quoted shall be for completing the item in all respect and as per tender requirement. BIDDER to note that actual executed quantity shall be paid as per terms and conditions of Bid document.	This is related to our query above. Since the onus on the design and BOQ is on the bidder, the approval of this and any modification has to be done in a way which doesn't have retrospective effect on the price bid submitted.	Tender Condition shall prevail.

170	Volume-I, ITB, Table-4 Point-1 Evaluation criteria, Page No. 38	<p>Experience of Similar Nature of Works/Project as specified in Cl 6.1.2 to be compiled by Sole Bidder/ Any member of JV: The BIDDER should have completed or substantially completed similar infrastructural works/projects during last Seven (7) financial years. Similar infrastructural works/projects shall related to following; Supply, installation, testing and commissioning of Urban and Rural Street & Area Lighting systems AND/ OR Overhead transmission line and underground cabling works Up to 33 kV Electrification.</p> <p>1.a One (1) project of value not less than Rs.32.64 Crore - 15 marks Two (2) projects of value not less than Rs.32.64 Crore - 20 marks 1.b Two (2) project of value not less than Rs.20.40 Crore - 15 marks More than Two (2) up to max Four (4) projects of value not less than Rs.20.40 Crore - 20 marks 1. c Three (3) project of value not less than Rs. 16.32 Crore - 15 marks More than Three (3) up to max Six (6) projects of value not less than Rs. 16.32 Crore - 20 marks</p> <p>BIDDER shall submit Certificate for successful completion of work duly signed by the Competent Authority from Client (Engineer-in-Charge, not below the rank of Executive Engineer or Equivalent). The Bidder shall also submit Attested copy of Letter of Award /</p>	<p>This is unclear to us. We recommend that CVC guidelines should be strictly followed. The way the technical score is being given, there is a distinct possibility of the bidder not meeting the turnover and experience of similar nature of works criteria and still technically qualifying by getting 70 marks. This will, in our understanding, go against the CVC guidelines.</p> <p>Also, it is important to note the following: <input type="checkbox"/> Implementation of smart lighting which includes network planning, integration and registration of group/individual controllers with the lighting management software, integration of lighting management software with ICCS and operations and maintenance of smart network and smart devices are critical success factors for this project. Therefore, the smart lighting OEM should be integral to the implementation of the project irrespective of the relationship with the contractor. <input type="checkbox"/> The scoring gives more credence to the number of projects rather than the value of the project. CVC guidelines gives more credence to the value of the project, in fact, typically project value from a single project is given more credit than showing the value of work done through multiple projects. Please</p>	<p>Bidder to note that evaluation process shall be as follow;</p> <p>Bidder will be first evaluated based on the qualification criterias mentioned under Clause No. 6.0 Vol-I. The Bidders who meets the qualifying criterias as mentioned under Clause No. 6.0, Vol-I, shall be considered for giving Technical Score as per Table No.-4 stipulated in Clause No. 37.5.2.</p> <p>Bidders with an Overall Technical score of 70 marks or more will qualify for Financial Bid opening.</p>
171	Volume-II, TECH SPECS, Clause No 2.20, Page No. 5	<p>GSCL is free to draw samples (not more than 0.5% per lot) after the start of supplies from the supplied quantity and subject the same to test in a NABL Accredited Lab. CONTRACTOR shall bear the cost of testing of such samples. The decision of GSCL on the same shall be binding on the CONTRACTOR. Failure of the sample will invite strict penalty and disqualification of the CONTRACTOR from future tenders also.</p>	<p>There is no clarity on sample plan. This has commercial impact and therefore you are requested to mention a maximum sampling plan that maybe followed.</p>	<p>The sampling shall be in accordance with the latest BIS standard.</p>
172	Volume-II, TECH SPECS, Clause No 4.1.11, Page No. 9	<p>The RFP requirement is Group control. However, in case BIDDER wishes to achieve Group control with Individual Controller then that is BIDDER's decision. Individual controller can be accomplished with either NEMA socket or inbuilt controller. However, the thermal stability of the Luminaire shall be ensured when provided with inbuilt controller.</p>	<p>We request you that individual controller should be mandatory for the bidders as there is no other way, in our understanding, to achieve dimming.</p>	<p>Tender Condition shall prevail. Bidder to offer technology as per their system.</p>
173	Volume II, TECH SPECS, Clause No. 7.3.3, Page No. 15	<p>The Luminaries shall have a sturdy and corrosion resistant high pressure Die cast Aluminium alloy housing with weatherproof gasket for lamp, with separate Driver compartment and control gear accessories. The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy. The luminaries shall be totally enclosed, dust tight and water proof.</p>	<p>Please add ADC12 grade aluminium alloy for street light housing.</p>	<p>Refer Corrigendum No.-03, Sr. No. 1.</p>
174	Volume II, TECH SPECS; Clause No: 7.3.5, Page No.17	<p>Heat sink used should be Aluminium extrusion having high conductivity. The dimensions of luminaries shall be optimum and adequate to permit sufficient heat dissipation, through the body itself, so as to prevent abnormal temperature rise inside the lantern and consequential damage to the cover and gasket materials, LEDs, lenses and electronic drivers. Heat sink must be thermally connected to MCPB/ LED light source.</p>	<p>Heat sink will be a part of housing and will be made of pressure die casted adc12.</p>	<p>Refer Corrigendum No.-03, Sr. No. 8.</p>
175	Volume II, TECH SPECS, Clause No. 7.3.6, Page No. 17	<p>The Luminaries Housing shall be suitable for termination of 3C X 2.5 sqmm copper conductor PVC insulated flexible Cable with Double Compression Weather proof Cable Glands if required.</p>	<p>The Luminaries Housing shall be suitable for termination of 3C X 1 sqmm copper conductor PVC insulated flexible Cable with Double Compression Weather proof Cable Glands if required.</p>	<p>Refer Corrigendum No.-03, Sr. No. 3.</p>
176	Volume II, TECH SPECS, Clause No 7.3.12, Page No. 16	<p>All Luminaries shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate.</p>	<p>All Luminaries shall conform to BIS standard applicable for led street light manufacturing in India.</p>	<p>Refer Corrigendum No.-03, Sr. No. 9.</p>

177	Volume II, TECH SPECS, Clause No. 7.3.21, Page No. 18	The Manufacturer shall have NABL accredited testing facilities to carry out all the relevant test and shall be offered for inspection to the GSCL for verification of the required parameters and tests. CONTRACTOR shall confirm the same in the BID.	Certificate from NABL lab will be provided.	All Routine, Acceptance and Type test shall be carried out in self owned or Third Party NABL accredited Laboratory for this project. All test certificates submitted along with the Bid shall be from Third Party NABL accredited Laboratory.
178	Volume II, TECH SPECS, Clause No. 8.2, Page No. 20	The OFP (Outdoor Feeder Pillar) shall be made of either Galvanised sheet steel enclosure or Powder coated with minimum seven tank process (certification confirming the same shall be submitted) 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 IP55 certified. Third Party Type test report for Impact and Ingress protection shall be provided in the Technical Proposal.	We believe that the following specifications are standard and enough: The GI feeder Pillar shall be fabricated from 1.6 mm CRCA sheet and load bearing parts will be from 2mm thickness. It shall be Hot Dipped Galvanized as per relevant latest standards after entire fabrication.	Refer Corrigendum No.-03, Sr. No. 5.
179	Volume II, TECH SPECS, Clause No. 8.8, Page No. 22	Both the doors shall have an Inspection/ View Window for monitoring the energy meter reading without opening the door. The window on the external door shall be provided with a metal flip cover with small canopy which can be moved up and down for viewing the meter.	We recommend window on the inner door as window on external door will cause IP issues and prone to tampering.	Tender Condition shall prevail.
180	Volume II, TECH SPECS, Clause No. 8.14, Page No. 22	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	Need Clarification on FP Isolator.	The Power supply within the Feeder pillar shall be separated into two parts - for Power circuit and Control Circuit. The FP Isolator referred here is to be provided for the Control Circuit.
181	Volume II, TECH SPECS, Clause No. 8.18, i), Page No. 23	The other power and control components as per requirement are listed below; (i) Space Heater with MCB and Thermostat and 7W LED Luminaries with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	Space Heater is not recommended and should be removed.	Tender Condition shall prevail.
182	Volume II, TECH SPECS, Clause No. 8.18, (l), Page No. 23	Digital Tariff meter as per APDCL Standards with RS 485 and RJ 45 connectivity for measuring, Line and Phase Voltage/ Current; kW, KVAR, KVA; kWh kVAh, kVARh (L & C); Frequency, Phase wise Voltage and Current Harmonics upto min 7th order; Maximum demand.	Instead of RJ45, we recommend RS232 connectivity.	Refer reply to the Point no. 29 above.
183	Volume II, TECH SPECS, Clause No 8.18 (m), Page No. 22	CONTRACTOR shall provide provision for connection through SIM, Ethernet, RS 485 / OFC etc. to connect with server through whatever mode is available at site.	We recommend adding RF communication (LoRaWAN) for connectivity to server. The communication protocol should be open to the bidder with opportunity to present the technical advantages of the same in the technical presentation.	The communication protocol is open to the Bidder. Bidder shall ensure the performance of the system with its offered technology.
184	Volume II, TECH SPECS, Clause No 9.5.4, Page No. 26	The peak power requirement of the controllers shall be less than 2.5W and average power requirement shall be less than 1.5 W.	Peak Power requirements of the controller should be 6W & average power requirement should be less than 2.5W.	Tender Condition shall prevail.
185	Volume II, TECH SPECS, Clause No: 9.5.9, Page No 27	Controller shall have the provision to store at least last 10 days data at one hour interval. All this data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller. For HHT, a smart phone-based solution for collecting /accessing data is also be provided.	The Controller is connected to Server using RF/LoRaWAN communication and all the data is sent & stored in Gateway & Cloud Software. Hence we don't recommend any HHT (Hand Held Terminal) for collecting the data. As there's no HHT, optical port or USB & Bluetooth is also not needed in the controller.	Tender Condition shall prevail.
186	Volume II, TECH SPECS, Clause No:9.5.13, Page No 27	Controller shall be able to detect switch weld condition and generate alarm. If due to fault if any contact melts, then the controller shall able to generate fault signal.	Technically this is not possible and should be removed. Instead, we recommend adding Over load alarms using controller.	Tender Condition shall prevail.
187	Volume II, TECH SPECS, Clause No 9.5.17, Page No. 27	Controller shall be provided with 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.	Normally, the Controller is connected to Server via a RF/LoRaWAN network. All the data from the controller is transmitted to Gateway and then to the Cloud. Hence there's no requirement of HHT and USB/Optical port on the controller. All the configuration can be done locally with RF network.	Tender Condition shall prevail.

188	Volume II, TECH SPECS, Clause No 9.6 (i), Page No. 28	The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/download all data & events on web/cloud network through suitable port & modem.	We recommend 865Mhz RF network such as LoRa as a preferred communication between Controller and the Gateway. The Gateway can have GPRS/4G/LAN/WiFi connectivity to the cloud.	Refer reply to the Point no. 92 above.
189	Volume II, TECH SPECS, Clause No 9.8.14, Page No. 30	The application should have required protection like Firewall, Malware, Antivirus etc., as per industry security standards. The data sent by device to IoT platform and further to application should strictly follow 128-bit AES Encryption standards. The application should also follow OWASP Application Security Verification Standard. The supplier should provide documentary proof that the supplier follows Data Validation, Denial of Service. The supplier provided application should also follow OAuth2 Security based authentication process to provide customer user access to its application software.	Can we please understand what kind of documentation is required? Do we need a third-party audit done for our application or what kind of certification is required? Security measures are setup while deploying an application on the server. Hence, do we need this documentation after the award of contract and deployment of the application? Typically a security audit is conducted after a software application is deployed.	Bidder shall Specify the security protection measures provided for the offered application. The details of documentary proof can be provided after award of contract in line with the provisions made in the Bid.
190	Volume II, TECH SPECS, Clause No. 9.5.2, Page No. 26	Controllers if mounted inside the Luminaire shall be provided within the Luminaire in IP66 enclosure or through NEMA Socket.	Both options are possible but commercial will be different, suggested to go with single any option, as prices for bidder will create issue.	Tender Condition shall prevail.
191	Volume II, TECH SPECS, Clause No. 9.5.7, Page No. 27	If the Controller fails due to any reason, the luminaire should remain 'ON' if the luminaire is healthy.	This is not possible, as for controlling main will be from controller only. If we put the option for bypassing the supply line, other controlling may be impacted.	Tender Condition shall prevail.
192	Volume II, TECH SPECS, Clause No Features of Controller, Page No. 28	Controller shall be able to log minimum last 25 scheduled and unscheduled events including scheduled switching events, faults, abnormal power conditions and maintenance.	Require details and clarification, as all details and data will be stored and available/controlled from server. We don't recommend the controller to have this memory for this.	Tender Condition shall prevail.
193	Volume II, TECH SPECS, Clause No Features of Controller, Page No. 28	The controller shall support digital and analogue measurements such as any digital/ analogue signal from additional sensors like Photosensor and any other analogue devices.	Require clarification, as technical this will be available but post installation, adding any other sensor will be challenge.	Tender Condition shall prevail.
194	Volume I, Instruction to BIDDERS, Clause No: 4.2.4 a, Page No. 10	a) LED Street Luminaire with accessories including Dimmable and non- Dimmable Drivers	Please specify the Dimmable & Non Dimmable Qty?	Design is in Bidder's Scope. Bidder to work out the Qty for the required road sections.
195	Volume I: Instruction to BIDDERS, Clause No:4.2.4 I, Page No. 10	i) Integration with City Command and Control Centre as and when that is commissioned and creating a dashboard there for control & Monitoring.	Is it only API sharing or its needs to be integrated too ?	Pl. refer Clause No. 4.2.4 (i), Page No. 10.
196	Volume I: Instruction to BIDDERS, Clause No:4.2.4 n, Page No. 11	n) Disconnecting and dismantling of existing Light Fixtures, and associated cables/ wires mounted on electric poles along these roads	Please specify the street lighting quantity and the length of cables to be dismantled.	Bidder to estimate the quantity through Preliminary site survey.
197	Volume I: Instruction to BIDDERS, Clause No:6.1.2, Page No. 16	The BIDDER should have completed or substantially completed similar infrastructural works/projects during last Seven (7) financial years. Similar infrastructural works/projects shall related to following; i) Supply, installation, testing and commissioning of Urban and Rural Street & Area Lighting systems AND/ OR ii) Overhead transmission line and underground cabling works Up to 33 kV Electrification.	We would request you to keep relevent similar job description, as this being a street lighting project with connected street lights, the relevant similar job should be as per the broAd scope of thE tender & not the one which doesnt have street lighting or smart control at all.	Tender Condition shall prevail.
198	Volume I: Instruction to BIDDERS, Clause No:6.1.4, Page No. 17	The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Seven (07) years with Government/ Semi- Government organizations/ Private organizations or Corporates.	As similar job (in clause 6.1.3) is Overhead transmission line & underground cabling works up to 33KV so we request you to consider O&M of <u>Overhead transmission line and underground cabling works Up to 33 kV Electrification for atleast 7 years here too.</u>	Tender Condition shall prevail.

199	Volume I: Instruction to BIDDERS, Clause No:6.2, Page No. 18	If the BIDDER is an OEM and is also the execution agency, 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) or it should have tied up with such partners who provide LMS services. The BIDDER shall submit copy of MoU between OEM and LMS provider.....	If the BIDDER is an OEM and is also the execution agency, then it should have Experience in Similar Nature of Works/Project including O & M apart from supplying the luminaires for the project. <u>It should have its own Lighting Management Software (LMS) or it should have tied up with such partners who provide LMS services. The BIDDER shall submit copy of MoU between OEM and LMS provider.....</u> and such tie up should be minimum seven years old and documentary proof to be furnished with proof of the JV / tie up having done a relevant project together as asked in the RFP.	Tender Condition shall prevail.
200	Volume I: Instruction to BIDDERS, Clause No:6.4, Page No 18	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 entire contract period (including O & M period) with full replacement and repairing support. The Original Equipment Manufacturer (OEM) must have the sale of minimum 5200 nos. LED Street light Luminaires in single work order during last Seven (07) years within India, with any government/ semi-government organizations/ Private organizations or Corporates.	In addition to this we request you to add OEM Eligibility criteria in more detailed - (Bidder should select/MoU based on below criterion): 1). The OEM shall have its own NABL accredited laboratory for photometry, electrical & electronics and shall have experience in atleast 3 Smart City projects along with sharing of APIs with ICCCC . 2).Such OEM must have a sale of minimum 20,000 nos. of LED Street light Luminaires and with 7 years maintenance in single work order during last seven(7) years in any city and should also have an annual sales-20 lacs street lights in last seven(7) years, with any government/ semi-government organizations/ Private organizations or Corporate. 3).The OEM shall not be a loss making entity in last five years, and should be present in India in last 10 years with an average turnover of 300 Cr.in lighting business in India, with a network of minimum INR 100 Cr .	Tender Condition shall prevail.
201	Volume I: Instruction to BIDDERS, Clause No:6.1.2, Page No. 18	c) Driver test report for all dimming stages	Please clarify....is it the driver dimming curve which is being asked for or something else?	Yes. Bidder understanding is correct.
202	Volume I: Instruction to BIDDERS, Page no. 37	Table 4 – Evaluation Criteria 1 . Experience of Similar Nature of Works/Project as specified in Cl 6.1.2 to be complied by Sole Bidder/ Any member of JV:.... 2 . Prior Physical Experience of Works as specified in Cl 6.1.3 to be complied by Sole Bidder/ Any member of JV:	Repetitive clause of Transmission line and LED Street lights ...needs to add more technical parameters.	Tender Condition shall prevail.
203	Volume II, TECH SPECS, Technical Specifications & Drawings / Clause No: 4.1.7, Page No. 7	Maintenance factor shall not be considered less than 0.8 for the lighting calculation.	Request you to consider a maximum value of 0.8	Maintenance factor shall be considered as 0.8 for the lighting calculation. Refer Corrigendum No.-03, Sr. No. 12.
204	Volume II, TECH SPECS Technical Specifications & Drawings ; Clause No: 4.1.10, Page No. 8	(e) Only Step-less Dimming shall be provided for the Luminaires where applicable. In case Step less dimming is not possible then multistep dimming can be considered to get a smooth transition of light. Min 5 steps are acceptable. The dimming steps shall be programmable remotely as per site requirement at various point of time.	The dimmable Luminaire should be able to make luminaire dim to 10 different steps on remote command including ON & OFF steps from a controlling panel & can be remotely be controlled, monitored and dimmed as per command.	Min 5 steps are acceptable excluding ON & OFF. Any provision of further steps is at Bidder's Discretion.
205	Volume II, TECH SPECS Technical Specifications & Drawings ; Clause No: 4.1.11, Page No. 9	The RFP requirement is Group control. However, in case BIDDER wishes to achieve Group control with Individual Controller then that is BIDDER's decision. Individual controller can be accomplished with either NEMA socket or inbuilt controller. However, the thermal stability of the Luminaire shall be ensured when provided with inbuilt controller.	The RFP requirement is Group control. However, in case BIDDER wishes to achieve Group control with Individual Controller then that is BIDDER's decision. Individual controller can be accomplished with either NEMA socket or inbuilt controller. However, the thermal stability of the Luminaire shall be ensured when provided with inbuilt controller and one controller should be able to control only one luminaire, also in case >5 street lights on five poles are not working still the whole network should operate as per the RFP requirement without affecting the dimming features.	Tender Condition shall prevail.

206	Volume II, TECH SPECS Technical Specifications & Drawings; Clause No: 4.4, Page No.11	4.4 CIVIL DESIGN 4.4.1 All the civil foundation design shall be suitable for the Seismic requirement of Guwahati as per latest IS as the city of Guwahati falls in the Seismic Zone-V. 4.4.2 The design shall also consider the maximum wind speed of min 180 kmph as per IS 875, 1987 (Reaffirmed in 2013).	Please specify the soil bearing capacity for estimating the foundation cost.	Bidder to investigate and find out the SBC as appropriate after award of contract.
207	Volume II, TECH SPECS Technical Specifications & Drawings ; Clause No:7.3.5 Page No.17	Heat sink used should be Aluminium extrusion having high conductivity. The dimensions of luminaries shall be optimum and adequate to permit sufficient heat dissipation, through the body itself, so as to prevent abnormal temperature rise inside the lantern and consequential damage to the cover and gasket materials, LEDs, lenses and electronic drivers. Heat sink must be thermally connected to MCPCB/ LED light source.	Heat sink used should be Aluminum extrusion or the die cast housing / body of luminaire having high conductivity. The dimensions of luminaries shall be optimum and adequate to permit sufficient heat dissipation, through the body itself, so as to prevent abnormal temperature rise inside the lantern and consequential damage to the cover and gasket materials, LEDs, lenses and electronic drivers. Heat sink must be thermally connected to MCPCB/ LED light source.	Refer Corrigendum No.-03, Sr. No. 8.
208	Volume II, TECH SPECS Technical Specifications & Drawings ;ClauseNo: 7.3.12 ,Page No. 17	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory or an inhouse NABL Accredited lab witha valid NABL certification for the parameters being tested, also shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	Refer Corrigendum No.-03, Sr. No. 9.
209	Volume II, TECH SPECS Technical Specifications & Drawings ; Clause No:7.3.13, Page No. 17	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.	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/Sticker on the housing.	Refer Corrigendum No.-03, Sr. No. 2.
210	Volume II, TECH SPECS Technical Specifications & Drawings; Clause No. 7.3.14, Page No. 17	LED luminaries, should conform to the various National / International standards for safety & performance. Manufacturer should provide test reports as per LM 79 & LM80. The test reports shall be certified from UL/ILAC/NABL accredited Third Party Laboratory (TPL) shall be submitted along with the technical proposal/ Bid for LED as well as Luminaires.- all test reports not older than Three (3) years.	LED luminaries, should conform to the various National / International standards for safety & performance. Manufacturer should provide test reports as per LM 79 & LM80. The test reports shall be certified from UL/ILAC/NABL accredited Third Party Laboratory (TPL) or an inhouse NABL Accredited lab witha valid NABL certification for the parameters being tested, shall be submitted along with the technical proposal/ Bid for LED as well as Luminaires.- all test reports not older than Three (3) years.	Tender Condition shall prevail.
211	Volume II, TECH SPECS Technical Specifications & Drawings ,Clause No:7.3.15, Page No.18	Luminaries should conform to the National / International standards for Safety & Performance and test certificates as per relevant standards shall be provided by the manufacturer. In case of luminaries are imported, the CONTRACTOR shall conform to test parameters as per UL or equivalent standards. However, Luminaire should be registered under BIS CRS for IS 10322 part 5 Sec 3 which covers all safety and protection criteria since it has been made compulsory by BIS. BIDDER shall submit the BIS registration number of Luminaires including the Driver or both if separately registered proposed for the project in the technical Proposal and not only one of the two.	We request to approve all the test reports from NABL accredited manufacturer's in-house lab at the time of bid submission and in event of order successful bidder has to submit third party test reports . BIS certificate with CRS number should be asked for both luminaire & driver separately	Tender Condition shall prevail.
212	Volume II, TECH SPECS Technical Specifications & Drawings ;Clause No 7.3.18, Page No.18	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the Luminaries. Drivers shall have inbuilt protection system to operate safely, automatically isolate during abnormal conditions & restart as soon as the system normalizes. Third party Test certificates from NABL accredited Lab shall be submitted along with the BID for all the above. Drivers shall be capable of withstanding the voltage stress of 440V. Test certificates shall be submitted to justify the same.	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the Luminaries. Drivers shall have inbuilt protection system to operate safely, automatically isolate during abnormal conditions & restart as soon as the system normalizes. Third party Test certificates from NABL accredited Lab shall be submitted along with the BID for all the above. Drivers shall be capable of withstanding the voltage stress of 440V for 8 Hours . Test certificates shall be submitted to justify the same.	Tender Condition shall prevail.

213	Volume II, TECH SPECS TECHNICAL SPECIFICATION OF STREETLIGHT FEEDER PILLAR- SWITCHING POINT ,Clause No:8.2, Page No.21	The OFP (Outdoor Feeder Pillar) shall be made of either Galvanised sheet steel enclosure or Powder coated with minimum seven tank process (certification confirming the same shall be submitted) 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 IP55 certified. Third Party Type test report for Impact and Ingress protection shall be provided in the Technical Proposal.	Please relook IK 10 it is over specified.	Tender Condition shall prevail.
214	Volume II, TECH SPECS TECHNICAL SPECIFICATION OF STREETLIGHT FEEDER PILLAR- SWITCHING POINT,Clause No: 8.3, Page No. 21	The GI feeder Pillar shall be fabricated from 3 mm CRCA sheet and shall be Hot Dipped Galvanized as per relevant latest standards after entire fabrication. The enclosure shall be powder coated with Epoxy paint as per desired colour of GSCL. The gland plate shall be 3mm thick.	For IP-55 the desired thickness is 2mm request to consider the same.	Refer Corrigendum No.-03, Sr. No. 5.
215	Volume II, TECH SPECS TECHNICAL SPECIFICATION OF STREETLIGHT FEEDER PILLAR- SWITCHING POINT,Clause No: 8.14, Page No. 22	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system.	The feeder pillar shall consist of Incoming Four Pole (FP) RCBO (FP) RCBO or MCB with ELCB, 3 Phase Digital Energy Meter, FP Contactor for each/simultaneously outgoing circuit, Astronomical Timer, Outgoing FP MCB apart from all the smart control components like Gateway controller, Power Supply Unit for the Gateway unit, Battery for Back up etc. It shall also consist of FP Isolator for isolating the smart lighting control equipment without discontinuing supply to the light pole during the outage of the smart control system. We request you to use MCB in place of Incoming & outgoing RCBO or MCB with ELCB , as ELCB creates lot of nuisance tripping .	The provisions in the tender are minimum requirement.The Bidder shall provide the switchgear as per latest CEA Regulation 2010.
216	Volume II, TECH SPECS TECHNICAL SPECIFICATION OF STREETLIGHT FEEDER PILLAR- SWITCHING POINT,Clause No:8.18 (G), Page No. .23	Under voltage and Over voltage Monitoring Relay for connection and disconnection of the power during off band abnormal voltage within a time band.	Under voltage and Over voltage Monitoring Relay for connection and disconnection of the power during off band abnormal voltage within a time band Or/and send alerts on over and under voltage abnormalities.	Tender Condition shall prevail.
217	Volume II, TECH SPECS TECHNICAL SPECIFICATION OF STREETLIGHT FEEDER PILLAR- SWITCHING POINT,Clause No:8.18(i), Page No. 23	Space Heater with MCB and Thermostat and 7W LED Luminaries with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	It's a very a small feeder pillar also an intelligent one which will transmit data, space heater and lamp may not be mandatorily required,please clarify.	Tender Condition shall prevail. The requirements are for power supply feeder pillars and may not be provided for the control panels which may be required in addition to the power feeder pillars.
218	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) Clause No:9.3 & 9.3.1, Page No. 25	9.3 The CCMS System shall consist of the following components; 9.3.1 In the Field (a) Controller (b) Communication Module/ Gateway (c) Communication Network (d) Battery Back up	The same is dependent on the technology the bidder is using and will be implement accordingly with combinations of devices as a single unit/device or multiunit.	The requirements provided are indicative. We agree that the same is dependent on the technology the bidder is offering.
219	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS),Clause No 9.4.6 (f), Page No. 26	Alarm Generation and Alert Notifications through emails & SMSs to desired number of users.	Please specify how many users/zones or heirarchy need to be specified - No's of user ??	The facility shall be provided for representation of 31 wards of the city and the Municipal Administration. The exact nos. shall be indicated after award of contract.
220	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Features of Controller, Clause No: 9.5.9, Page No. 28	Controller shall have the provision to store at least last 10 days data at one hour interval. All this data is accessible for reading, recording by downloading through HHT (Hand Held Unit) through optical port or USB/Bluetooth given on controller. For HHT, a smart phone-based solution for collecting /accessing data is also provided.	Data is uploaded on the cloud and can be accessed anytime from anywhere for individual smart feeder panel.	Tender Condition shall prevail.

221	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features,Clause No: 9.8.10, Page No. 30	The minimum interval for the update of data should be 5 minute but programmable up to 1 minute.	The minimum interval for the update of data should be 5 minute but programmable up to 1 minute.as and when asked.	Tender Condition shall prevail.
222	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.13, Page No. 31	Data refresh rate should be within 5 mins; any abnormality should be updated to the application within 5 mins.	Need to understand this need as data can be pulled up / updated every 5 mins but programmable up to 1 mins.	Tender Condition shall prevail.
223	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.17, Page No. 31	The application shall generate alarm and alerts through SMSs for any type of abnormal system conditions and faults as listed below to designated users which should not be less than six in numbers.	The application shall generate alarm and alerts through SMSs for any type of critical abnormal system conditions and faults as listed below to designated users which should not be less than three in numbers.	Tender Condition shall prevail.
224	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.19, Page No. 31	The application should display the no. of faulty lights for each phase separately instead of giving a total figure of faulty lights for all the 3 phases together.	As the RFP calls for group as well as individual controls technology, identifying individual faulty light point is beyond the ask, it can give total number of figure of faulty lights per phase.	The requirement is to give total number of faulty lights per phase in a group and not individual light fitting.
225	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.21, Page No. 32	The application shall provide API based integration to GSCL Command and Control Center (CCC) in future. It would be the joint responsibility of the service provider (street light application provider and CCC provider) to jointly work to get this integration up and running. CCC shall provide remote viewing and control of street light control application for troubleshooting and support.	Only API sharing will be in scope of OEM; APIs would be shared by the bidder while the integration would be in client's scope.	Refer reply to the Point no. 94 above and refer Clause No. 4.2.4 (i), Page No. 10.
226	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.25, Page No. 32	9.8.25 The system shall display the following minimum faults in alarms (m) Theft Alert	Theft Alert will be in form of Control cabinet door open	Noted.
227	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.31, page No. 33	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 2 years beyond the contract period of five years without any additional cost.	The CCMS software shall be offered on SAAS(Software as a service Model) subscription based mode for 5+2 years ;lts GUI/ Portal which his upgraded & maintained by OEM regularly & can be logged in with user ID & password by the individuals having access. OEM shall standard open API's.the integraion of the API with the ICCC dashboard shal be in scope of lead bidder or MSI maintaing ICCC.	Refer Corrigendum No-03, Sr. No. 16.

228	Volume II, TECH SPECS TECHNICAL SPECIFICATIONS OF CENTRALISED CONTROL AND MONITORING SYSTEM (CCMS) :Software Application Features Clause No: 9.8.33, Page No. 33	9.8.33 In case of CLOUD server, the CLOUD registration shall be done in the name of Client/ Owner. Only Administrative rights shall be provided to the CONTRACTOR during the contract period. The CLOUD services shall be intact upon renewal every year after the contract period. The CLOUD shall not be OEM specific and shall be independent of OEM so that after the completion of contract period there should be no dependence on OEM for cloud services. Ministry of Electronics and Information Technology (MEITY) empaneled companies for providing Cloud services shall only be considered.	Please modify to In case of CLOUD server, the CLOUD registration shall be done in the name of OEM/ Application Owner. Only access & usage rights shall be provided to the End user/CONTRACTOR during the subscription/contract period. The CLOUD services shall be intact upon renewal every year after the end of subscription/contract period	Tender Condition shall prevail.
229	Volume II, TECH SPECS Technical Specifications & Drawings /Clause No: 11.21.1 (d), Page No. 39	Lux Level –CONTRACTOR shall guarantee the Lux level based on Design output and offered Luminaire for each road. There shall not be any reduction of the Lux level during the entire tenure of the contract period. Illuminance at various chainages of each road shall be checked annually as per the methods mentioned in National Lighting Code and reported to GSCL. Any reduction in the lux level shall be immediately investigated and corrective action shall be taken with information to GSCL for Spine roads.	The number of roads & stretch on which the measurement has to be done by the successful bidder should be mutually agreed. The road stretch should not have any curves or obstacles.	The number of roads & stretch on which the measurement has to be done during routine maintenance by the successful bidder shall be decided by GSCL/ Authority.
230	Volume II, TECH SPECS Technical Specifications & Drawings /Clause No: 18.1.3, Page No 48	Mock up with installation and commissioning of minimum 3 nos. of Street light pole and LED luminaire to confirm the offered lighting design is as per requirement for each type of road. Clearance for the completion of street lighting system for entire length of each type of the road will be given upon the successful achievement of desired Lux level.	We request you to put mock up as qualifying criteria for the complete system (CCMS system + LUX level). The bidder who has got > 70 marks in the technical evaluation as per the prescribed point system will be eligible for the mock-up. And the bidder who will demonstrate successful system (CCMS + Lux level) should be eligible for financial bid opening.	Tender Condition shall prevail.
231	Volume II, TECH SPECS 20 ANNEXURE 1 TABLE NO. 5 - LUMINAIRE DATA SHEET -9, Page No. 53	LED Drive current ≥ 350 mA < 750 mA	Requested to consider LED Drive current ≥ 350 mA ≤ 1050 mA	Tender Condition shall prevail.
232	Volume II, TECH SPECS 20 ANNEXURE 1 TABLE NO. 5 - LUMINAIRE DATA SHEET -11, Page No. 53	Colour Temperature ≥ 5500 K and within \pm of tolerance limit as per relevant standards	CCT should be nominal 5700K (with variation limits of ± 355 K) per ANSI C78.377A CCT standard. Optimum Light output is achieved at 5700K CCT.	Tender Condition shall prevail.
233	Volume II, TECH SPECS 20 ANNEXURE 1 TABLE NO. 5 - LUMINAIRE DATA SHEET No. 18, Page No. 53	Driver Efficiency > 90%	We request to approve driver efficiency > 90% for luminaire wattage > 75W and for luminaire wattage ≤ 75 W driver efficiency > 85%.	Refer Corrigendum No-03, Sr. No. 11.
234	Volume II, TECH SPECS 20 ANNEXURE 1 TABLE NO. 5 - LUMINAIRE DATA SHEET No 37, Page No. 54	IK protection for Optic Cover : >IK07	We request to approve IK protection ≥ 7 .	Refer Corrigendum No-03, Sr. No. 13.
235	Volume II, TECH SPECS 20 ANNEXURE 1 TABLE NO. 5 - LUMINAIRE DATA SHEET -34, Page No. 55	Wire-The connecting wires used inside the luminaries, shall be Low Smoke Halogen Free, fire retardant e-beam cable or as per IS 10322 part 5 sec 3 which ever is stringent shall be provided in input side.	Wire-The connecting wires used inside the luminaries with length more than 6 Inches, shall be Low Smoke Halogen Free, fire retardant e-beam cable or as per IS 10322 part 5 sec 3 which ever is stringent shall be provided in input side.	Tender Condition shall prevail.
236	Volume II, TECH SPECS 21 ANNEXURE TABLE NO. 6 – DRIVER/ CONTROL GEAR DATA SHEET -12, Page NO. 57	Output Current Range < 750 mA	Output Current Range < or = 1050 mA	Tender Condition shall prevail.
237	Volume II, TECH SPECS 21 ANNEXURE TABLE NO. 6 – DRIVER/ CONTROL GEAR DATA SHEET 13, Page No. 57	Output Voltage Range : 150 V DC – 215 V DC	We request to approve for Output Voltage Range : 40 V DC – 215 V DC	Refer Corrigendum No-03, Sr. No. 7.
238	Volume II, TECH SPECS Technical Specifications & Drawings /Clause No: 4.1.2, Page No. 6	Maximum RoW width is being provided in the Annexure 5. The width of RoW to be considered for the design shall be inclusive of the Shoulder & Drain Width on either side and Carriage Way. The pole shall be mounted on the outer edge of the shoulder towards the drain to avoid any obstruction of traffic/ expansion in near future.	As per our understanding this is the pole position so kindly confirm.	Yes. Bidder understanding is correct.

239	Volume I & Section 3 S. No. 2, Page No: 6	Method of Selection: Quality & Cost Based Selection (QCBS)	We request you to adopt Technically qualified Lowest Evaluated Bidder (L1) based Method of Selection. Giving 70 % preference to Technical Score will be unfavourable to both the department and the contractors who are bidding competitively. In L1 based Method of Selection, price bid of only technically qualified bidder is considered anyways.	Tender Condition shall prevail.
240	Volume I & Section 37 Clause. No. 37.7, Page No: 42	The Total Score of the bidder = 0.7*(Technical Score) + 0.3*(Commercial Score)	We request you to adopt Technically qualified Lowest Evaluated Bidder (L1) based Method of Selection. Giving 70 % preference to Technical Score will be unfavourable to both the department and the contractors who are bidding competitively. In L1 based Method of Selection, price bid of only technically qualified bidder is considered anyways.	Tender Condition shall prevail.
241	Volume I & Section 3 S. No. 12, Page No:8	EMD: Rs. 40,80,000/-	As per Office Memorandum No. F. 9/4/2020-PPD, Ministry of Finance, Govt. of India dated 12.11.2020: "No provision regarding Bid Security should be kept in the bid documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents". We request you to exempt payment of EMD. Almost all major state PWDs, CPWD & other PSU/Semi-Govt Organisations have exempted payment of Bid Security.	Tender Condition shall prevail.
242	Volume I & Section 3 S. No. 15 & 16, Page No:8	Posting of response to prebid queries : 25-08-2021, Last Date & time for online submission: 31-08-2021	We kindly request you to provide a extension of bid submission by atleast 1 Month, since this is a design based tender and detailed survey is to be carried out on all the mentioned roads and for preparing a technically compliant offer.	Refer Corrigendum No.-01.
243	Volume I & Section 3 S. No. 19, Page No:9	Bid Validity: 180 Days	Given the volatile rates of raw materials in the market, providing a bid validity of 180 days shall eventually incur losses to the bidders, who have already quoted competitive bottom rates to win the tender. We request you to kindly consider a period of 90/120 days for Bid Validity of our offer.	Tender Condition shall prevail.
244	Volume I & Section 3 S. No. 20, Page No: 9	Retention Money: 5%	After deduction of the total Retention Money, we shall furnish a Bank Guarantee against the total amount valid for a period upto Completion of Comprehensive O&M of 5 years. We request you to release the total amount of retention money against the equivalent amount of Bank Guarantee.	Refer Corrigendum No-03, Sr. No. 24.
245	Volume I & Section 44 Clause No. 44.1, Page No:42	The retention money will be returned in three parts - a) 20 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate for each section in equal installment . b) 20 (%) percent of the amount will be paid after successful completion of Defects Liability Period. c) 60 (%) of the amount shall be paid in equal installments after successful completion of Operation and Maintenance for each year during Comprehensive Operation and Maintenance Period of Five years.	After deduction of the total Retention Money, we shall furnish a Bank Guarantee against the total amount valid for a period upto Completion of Comprehensive O&M of 5 years. We request you to release the total amount of retention money against the equivalent amount of Bank Guarantee.	Tender Condition shall prevail.
246	Volume I & Section 3 S. No. 21, Page No:9	Performance Security: 5%	As per Office Memorandum No. F. 9/4/2020-PPD, Ministry of Finance, Govt. of India dated 12.11.2020: "Reduce Performance Security from existing 5-10% to 3% of the value of the contract". We request you to kindly take the same into consideration.	Refer Corrigendum No-03, Sr. No. 25.
247	Volume I & Section 5 Clause No. 5.5, Page No:14	CONTRACTOR shall lay cable either manually by excavating open trench or through trenchless method.	Request you to kindly elaborate on the same, as to where trenchless method is to be used since there is a huge cost variation between manual excavation & trenchless method.	Trenchless method shall be considered for Rail, Road, Drain crossings and wherever required necessary without disturbing the existing structures.

248	Volume I & Section 6 Clause No. 6.1.3, Page No:17	The Sole BIDDER/Any Member of JV should have installed cumulatively at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last Seven (07) financial years	We request you to kindly consider installation of at least 5200 Nos. of LED light fittings in 1 work order in the last 07 years. Since Web enabled CCMS system is a comparatively newer concept executed only in Smart Cities, the required experience with web based CCMS might not be available with majority of capable bidders. Hence we request you to consider only installation of LED light fittings as qualifying criteria.	Tender Condition shall prevail.
249	Volume I & Section 6 Clause No. 6.1.4, Page No:17	The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Seven (07) years	We request you to kindly consider Operation & Maintenance Contract of minimum 2000 nos. of LED in 1 work order in the last 07 years. Since Web enabled CCMS system is a comparatively newer concept executed only in Smart Cities, the required experience of O&M of LEDs with web based CCMS might not be available with majority of capable bidders. Hence we request you to consider only O&M experience of LED light fittings as qualifying criteria.	Refer Corrigendum No-03, Sr. No. 20.
250	Volume I & Section 6 Clause No. 6.4, Page No:18	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 entire contract period (including O & M period) with full replacement and repairing support.	We understand that in case the OEM of LED is one of the Joint Venture Partners, then no such MOU is to be submitted. Please confirm the same.	Yes. Bidder understanding is correct.
251	Volume I & Section 6 Clause No. 6.4, Page No:18	The BIDDER shall have completed at least one complete and successful project with 2000 nos. of LED Luminaires with CCMS offered with the above LMS solution in the last Seven (07) years	We once request you to accept only experience of SITC of 2000 Nos. of LED Luminaires only from the Non-OEM contractors. Since LED with web enabled CCMS and LMS Solution is a comparatively newer concept executed only in Smart Cities, the required experience might not be available with majority of capable bidders. Even if one of the OEM is Partner, there is slim possibility of them having installation experience of 2000 Nos. LED with CCMS & LMS Solution.	Refer Corrigendum No-03, Sr. No. 23.
252	Volume I & Section 6 Clause No. 6.4, Page No:18	Further, the OEM should have its own Lighting Management Software (LMS) or it should have tied up with such partners who provide LMS services. The BIDDER shall submit copy of MoU between OEM and LMS provider.	We request you to kindly consider experience of Partners who provide LMS services. We shall provide the MoU between OEM & LMS Partner for the same.	Refer Corrigendum No-03, Sr. No. 23.
253	Volume I & Section 6, Clause No. 6.8, Page No:19	The BIDDER should provide Legal Attorney certified letter of undertaking to this effect on the letter head, co-signed by BIDDER's authorized signatory.	Please clarify Declaration of Non-Blacklisting shall be provided on bidder letterhead or on Non Judicial Stamp Paper & duly notarized by Public Notary/Gazette Officer.	Bidder shall submit Declaration of Non-Blacklisting on bidder's letterhead. Tender Condition shall prevail.
254	Volume I & Section 52 Annexure-3, Page No:52	To be Provided on Company Letterhead.	Please clarify Declaration of Non-Blacklisting shall be provided on bidder letterhead or on Non Judicial Stamp Paper & duly notarized by Public Notary/Gazette Officer.	Bidder shall submit Declaration of Non-Blacklisting on bidder's letterhead. Tender Condition shall prevail.
255	Volume I & Section 6 Clause No. 6.12, Page No:20	The experience of members entering into Joint Ventures will only be considered. Experience of partner forming only MOU with BIDDERS without forming Joint Venture shall not be considered for the evaluations. All the above referred experience shall be considered for projects within India.	We request you to consider experience of partners(LED OEM & LMS service providers) forming only MOU with Bidders without forming Joint Ventures. This will enable association of multiple LED OEMs & LMS service providers with a single bidder. This shall also ensure that no single bidder has unfair advantage during evaluation process, in case he has formed JV with the most technically compliant OEM.	Tender Condition shall prevail.
256	Volume I & Section 12 & 13 Clause No. 12.2 & 13.2, Page No:24	However, for MSME, Tender Fee & EMD shall be exempted provided Bidder substantiate the eligibility by uploading MSME Registration certificate related to Electrical and Lighting works.	We are registered with Udyam-MSME Certificate & we are also registered with NSIC-MSME Certificate. Please confirm if any of the two are acceptable for availing EMD exemption.	Acceptable.

257	Volume I & Section 16 Clause No. 16.1.1, Page No:26	Basic design solution offered as per the design criteria of the RFP for each type of road including Dialux output sheets, IES files for the offered Luminaires and other components and a road wise design summary sheet with all the achieved design parameters.	This is not possible without detailed site survey. We request that the same shall be arranged after the award of work by the successful bidder or we require adequate time to accumulate this data.	Tender Condition shall prevail.
258	Volume I & Section 16 Clause No. 16.1.2, Page No:26	MoU with one or more Luminaire and Lighting Management System OEMs, whose products are being offered by the BIDDER for the project. and technical details regarding the product offered including the following;	We shall provide the MoU with Luminaire & LMS OEM. However the OEMs do not provide such detailed data during the tendering stage. We request that the same shall be arranged after the award of work by the successful bidder.	Tender Condition shall prevail.
259	Volume I & Section 16 Clause No. 16.1.3, 16.1.4 & 16.1.5, Page No:27	Type test Reports & Driver / Control Gear data sheet	The OEMs do not provide such detailed data during the tendering stage within such short time. We request that the same shall be arranged after the award of work by the successful bidder.	Tender Condition shall prevail.
260	Volume I & Section 16 Clause No. 16.1.6 to 16.1.14, Page No:27,28	Technical Write up on Lighting Management system/ software and its technical details including features, architecture, performance, security, programming, administration, user hierarchy, MIS and report generation, License etc. and Technical Write up on Method of communications, proposed system for data transfer/ storage/ uploading/ downloading/ archiving/ access from the local in-house server or cloud based server, Range & maximum capacity of gateways, response time etc.	The required data can only be provided after detailed site survey and analysis after award of Work. We request the same to be offered by the successful bidder only.	Tender Condition shall prevail.
261	Volume I & Section 42, Page No:45	The Advance payment will be made in three installments. The First installment shall be an amount equal to 2 % (two percent) of the contract price, the Second Installment shall be equal to 3 % (three percent) of the contract price and the third installment shall be equal to 5 % (fi ve percent) of the contract price.	We request you to release the mobilization advance payment in one or two equal installments.	Tender Condition shall prevail.
262	Volume I & Section 47 Clause 47.2.2, Page No:50	a) On satisfactory supply and receipt of all materi al at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 50% of approved BOQ Rate. b) On satisfactory installation as per Tender Specification and approved project schedule- 25% of the approved BOQ Rate. c) On successful completion and commissioning of the system including CCMS and Complaint Management System in every respect in section- 25% of the approved BOQ Rate.	We propose the following Payment Terms: a) On satisfactory supply and receipt of all material at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 70% of approved BOQ Rate. b) On satisfactory installation as per Tender Specification and approved project schedule- 15% of the approved BOQ Rate. c) On successful compl eti on and commissioning of the system including CCMS and Complaint Management System in every respect in section- 15% of the approved BOQ Rate.	Tender Condition shall prevail.
263	Volume I & Section 4 Clause 4.2.3, Page No:10	Approximate length of road considered in this project is 135.9 Km and approximate nos. of Light Poles and Luminaires expected is 5000 & 5200 respectively.	Detailed survey is to be carried out to ascertain total no of Poles & Pole Height required for each road. We request you to kindly provide us with some guideline regarding the same for selection of Height of Pole & wattage of Luminaires with respect to height of Pole.	Tender Condition shall prevail.
264	Volume-2 THEC SPECS & Section 9 Clause 9.8.31 to 9.8.33, Page No:33	CONTRACTOR shall provide maintenance and upgrades of the software for the next 2 years beyond the contract period of five years without any additional cost. The Software Application shall be supported by the CONTRACTOR even after the contract period. The CLOUD services shall be intact upon renewal everyyear after the contract period.	As per our understanding, all software application & cloud services shall be supported by the bidder for a period of 2+5=7 years. Any renewal/support after the said period shall not be in the scope of the contractor.	Yes. Bidder understanding is correct.

265	Volume-II THEC SPECS& Section 11 Clause 11.21(b), Page No:39	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. In case the Service Level drops below 95% and within 90%, the CONTRACTOR shall be charged a penalty of 10% of the annual maintenance fee for that year. For performance below 90% - 20% of annual maintenance charges shall be levied as penalty	Due to geographical & climatic conditions of Guwahati, it is very difficult to carry out O&M Work during monsoon season due to frequent flooding. We request you to provide relaxation in maintaining uptime of system during severe climatic conditions.	Tender Condition shall prevail.
266	Volume-II THEC SPECS & Section 24 Annexure-5, Page No:62-68	Placement of Pole.	As per Annexure-5, roads have been identified under Spine Roads. However Placement of Poles has not been mentioned anywhere in the RFP document. Please clarify regarding placement of Pole for each road. Please give details where they shall be placed for better understanding.	Design is in Bidder's Scope. Bidder to work out the arrangement for placements of Poles based on road details. Replacement of Pole is not the part of project.
267	Volume-II, TECH SPECS, Clause No. 9.5.5, Page No: 26	The controller shall provide Class I accuracy measurement of RMS Voltage & Current, Power (kW, kVA, kVARH), energy consumption with 1% as per IS 13779/ IEC 62052/53 (KWH, kVAH, kVARH) and Power factor	Do we need to offer Advance Street Light Individual controller with Energy Metering feature for only Group dimmable driver >75W or for all project ?	Bidder shall comply with the minimum design requirement as specified in the tender.
268	Volume-II, TECH SPECS, Clause No. 9.5.6, Page No: 26	Controller shall provide the following minimum alerts but not limited to; a) Load & mains failure	For Individual Luminaire failure, Individual SLC may be offered with an additional battery back up. Please indicate whether such battery back up is required or not. If required, please also confirm the duration of back-up required to determine the rating of the battery.	Refer the tender conditions for details.
269	General	-	Please indicate whether Gateway / Controller should be offered with optional battery back up. If yes, please indicate the duration of back up required.	Refer the tender conditions for details.
270	Volume-II, TECH SPECS, Clause No. 9.6, Page No: 29	Communication Network- (i) The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/download all data & events on web/cloud network through suitable port & modem (v) The end devices should be able to communicate to a gateway which will send data to the server (vi) The gateway infrastructure site should be beyond the reach/access of general public and should be secured with lock and key (site to be fenced and should allow entry to authorized persons ONLY with proper authorization from the vendor) & must be equipped with a back up of min 2 hrs. (vii) There should be point to point communication between Controller & Gateway.	Requirement is for GPRS in every Individual node with point to point communication, then Why Gateway is required ?	Refer reply to the Point no. 92 and 156 above.
271	General	-	We understand that the store for material shall be in the scope of the contractor and not OEM (if OEM and contractor are separate entities). Please confirm.	Storage of the material is under the scope of the Contractor.
272	Volume-II, TECH SPECS, Clause No. 9.8.21, Page No: 31	he application shall provide API based integration to GSCL Command and Control Center (CCC) in future. It would be the joint responsibility of the service provider (street light application provider and CCC provider) to jointly work to get this integration up and running. CCC shall provide remote viewing and control of street light control application for troubleshooting and support.	Do we need to consider the dashboard designing (application hosting) or only API has to shared with GSCL CCC ?	Refer reply to the Point no. 94 above.
273	General	-	Control center infrastructure like TV, Internet for viewing of dashboard is in whose scope, it would be at one single location, how many user access has to be considered ?	It is included in Contractor's Scope.

274	Volume I, Under Scope of work: Clause No.4.2.4 (n)., Page No: 2	Disconnecting and dismantling of existing Light Fixtures, and associated cables/ wires mounted on electric poles along these roads	Disconnecting of existing wire and cable along with Pole, will arise a disruption of service of other existing utility like data communication (FO cable), Telephone wire, Cable TV wire, etc. The Liaisoning of these services should be under GSCL's responsibility.	Tender Condition shall prevail. Bidder shall carry out all kind of liaisoning required in this project. GSCL may facilitate to expedite the same.
275	Volume I, Under Eligible BIDDERS: Clause No.6.7, Page No: 10	BIDDER / Lead BIDDER shall demonstrate, dedicated Line of Credit made available for this project, for the amount equivalent to minimum Rs. 4.08 Crore as per the attached format.	Request to allow the bidder for providing sufficient standard line of credit sanctioned from bank which should cover the minimum requirement of this project.	Tender Condition shall prevail.
276	Volume I: BID DATA SHEET Serial no -20 & 22, Page No: 8	Performance Security- 5 (%) percent of Awarded Contract Amount in form of Bank guarantee valid up to completion of Comprehensive 5 years operation & maintenance Retention Money- 5 (%) percent of each Interim payment certificate will be deducted as retention amount and will be returned as mentioned in clause 44.	Request for alternative option: Performance Security- 5 (%) percent of Awarded Contract Amount to be deducted proportionally from each running bill and same should be released after successful completion of 5 years warranty.	Refer Corrigendum No-03, Sr. No. 25.
277	Volume-I, Point. 47.3, Page No: 38	In case the scope of work as specified in the contract is extended by GSCL, the BIDDER shall submit additional Performance Bank Guarantee as required within 10 days of such extension.	Request for alternative option: The additional PBG Amount also to be deducted proportionally from each running bill and same should be released after successful completion of 5 years warranty.	Tender Condition shall prevail.
278	Volume II, THEC SPECS Point 7.3.21,, Page No: 17	The Manufacturer shall have NABL accredited testing facilities to carry out all the relevant test and shall be offered for inspection to the GSCL for verification of the required parameters and tests. CONTRACTOR shall confirm the same in the BID.	Additionally/ Alternatively, the manufacturer shall arrange suitable NABL accredited testing facilities to carry out all the relevant test and shall be offered for inspection to the GSCL for verification of the required parameters and tests. CONTRACTOR shall confirm the same in the BID.	Refer Corrigendum No-03, Sr. No. 10.
279	Volume I, Point. 16.1.3, Page No: 18	The Type test reports of LED Luminaire shall include the following test reports not older than Seven (7) years from recognized Third party NABL accredited lab.	Since the Type Test Report of LED Luminaire at the time of bidding have been sought from Third Party NABL Lab considering more authenticity, our request in Point No 4A has a valid ground.	Not understood. Tender Condition shall prevail.
280	Volume-I, ITB, Table-4 Point-1 Evaluation criteria, Page No. 38	Experience of Similar Nature of Works/Project as specified in Cl 6.1.2 to be complied by Sole Bidder/ Any member of JV: The BIDDER should have completed or substantially completed similar infrastructural works/projects during last Seven (7) financial years. Similar infrastructural works/projects shall related to following; Supply, installation, testing and commissioning of Urban and Rural Street & Area Lighting systems AND/ OR Overhead transmission line and underground cabling works Up to 33 kV Electrification. 1.a One (1) project of value not less thanRs.32.64 Crore - 15 marks Two (2) projects of value not less thanRs.32.64 Crore - 20 marks 1.b Two (2) project of value not less than Rs.20.40 Crore - 15 marks More than Two (2) up to max Four (4) projects of value not less than Rs.20.40 Crore - 20 marks 1. c Three (3) project of value not less than Rs. 16.32 Crore - 15 marks More than Three (3) up to max Six (6) projects of value not less than Rs. 16.32 Crore - 20 marks	In Volume -1, under Eligible BIDDERS, Page 7, Point No. 6.1.2, past performance required: One project costing not less than Rs. 32.64 Crore. (80% of the total project cost, which is as per CVC guideline). But under QCBS Evaluation Criteria, maximum marks (20 Nos.) is allocated for Two Projects of value not less than 32.64 Crore, which is defying the above CVCguideline. So the maximum mark of 20 nos in QCBS should be allocated for ONE project of value not less than 32.64 Crore. Tender should be amended accordingly.	Refer Corrigendum No-03, Sr. No. 17 & 18.
281	Vol-1, Point. 47.2.1 & 47.2.4, Page No. 40 and 41	Interim Payment: - CONTRACTOR shall submit monthly payment certificate for the work executed. Payment shall be made not later than 30 (Thirty) working days from the date of submission of such Interim Payment Statement by the CONTRACTOR to the Authority for certification subject to the submission being not required to be revert back for corrections. Final Payment- After completion of all works and on issuance of completion certificate, the CONTRACTOR shall submit Final Payment Statement to the Employer. Payment shall be made not later than 60 (Sixty) days from the date of submission of Final Payment Statement	If the payment is delayed beyond 30/60 days as mentioned in the RFP, we request you to kindly keep provision of compensation/ interest payment for the period of delay.	Tender Condition shall prevail.

282	Volume I, ITB, Clause No. 48, Page No- 50	Loss & Theft of Property- The CONTRACTOR shall be responsible for the up keeping of all the assets created and any loss and damage thereof shall be made good by him immediately at his own cost to continue the services under the scope of RFP document available for use. If CONTRACTOR fails to create new assets which are damaged by theft or any other reason and Services are affected then the penalties will be levied as per Penalty Clause for not meeting the desired level of Service Level. If the level of services goes below the minimum level as prescribed in the Service Level Benchmark then GSCL will get it done at risk and cost of the CONTRACTOR or take any suitable action including termination of Contract Agreement.	Request to kindly add the clause: After the system is commissioned and default Liability Period is over, the responsibility for Loss and Theft of Property should also be carried by GSCL.	Refer reply to the point no. 5 above.
283	Volume II, TECH SPECS Technical Specifications & Drawings; Clause No. 7.3.14, Page No. 17	LED luminaires, should conform to the various National / International standards for safety & performance. Manufacturer should provide test reports as per LM 79 & LM80. The test reports shall be certified from UL/ILAC/NABL accredited Third Party Laboratory (TPL) shall be submitted along with the technical proposal/ Bid for LED as well as Luminaires.- all test reports not older than Three (3) years.	In Point No 8A & 8B, contradictory statements are given. Kindly allow NABL Test Report of 7 years or Older.	Tender Condition shall prevail.
284	Volume I, ITB, Clause No. 16.1.3, Page No- 26	The Type test reports of LED Luminaire shall include the following test reports not older than Seven (7) years from recognized Third party NABL accredited lab.	In Point No 8A & 8B, contradictory statements are given. Kindly allow NABL Test Report of 7 years or Older.	The Type test reports of LED Luminaire shall include the following test reports not older than Three (3) years from recognized Third party NABL accredited lab. Refer Corrigendum No-03, Sr. No. 14.
285	Volume I, Clause 13.0, Page No: 24	The bid document must be accompanied by the Earnest Money Deposit of Rs. 40,80,000/- through Internet Banking from State Bank of India (SBI) or any other banks listed at SBMOPS on https://assamtenders.gov.in or NEFT/RTGS in case of offline payment from any Bank.	Requesting to consider the EMD in the form of Bank Guarantee as well, as this tender value is more than 40Cr.	Tender Condition shall prevail.
286	Volume II, TECH SPECS Clause 8.18 (i), Page No: 23	Space Heater with MCB and Thermostat and 7W LED Luminaires with lamp shall be provided inside with a door limit switch. The lamp and the heater shall be tapped from the outgoing of the meter with separate DP MCB circuits.	Space heater and thermostat is required only in the cold countries, where the weather is below 5 Deg Centigrade. Requesting to remove the same for cost reduction.	Tender Condition shall prevail.
287	Volume II, TECH SPECS Clause 8.18 (L), Page No: 23	Digital Tariff meter as per APDCL Standards with RS 485 and RJ 45 connectivity for measuring, Line and Phase Voltage/ Current; kW, KVAR, KVA; kWh kVAh, kVARh (L & C); Frequency, Phase wise Voltage and Current Harmonics upto min 7th order; Maximum demand.	All Digital meter used in the DISCOMs are DLMS protocol which has standard RS-232 Communication, so requesting to consider the RS 232 Communication as well. As the applications is only for Street lighting measurement of 7th Harmonics is not required, so request you to remove the harmonics criteria.	Tender Condition shall prevail.
288	Volume II, TECH SPECS Clause 8.18 (B), Page No: 23	All the contactors shall have high rupturing capacity rated for 3 phase, 440 V, 50 Hz, Four Pole, AC 1 duty.	Please consider the Latching relay for switching the feeder pillar, as latching relay is independent of AC voltage, failure of contactor is high due to voltage issues and cable faults.	Latching relay may be used for Control circuit. However, Contactors shall be used for Power circuit.
289	Volume II, TECH SPECS Clause 9.4.4 24-Annexure 5, Page No: 25,62	All the LED Luminaires which are rated above 75W and all Light fittings on roads having Carriage Way + Shoulder Width equal to or more than 11m and Road No. 36, 36A, 110, 4A, 1, 1A, 5, 24A, 40B, 14AA in Spine roads shall be Dimmable (configurable) where as the rest of the lights in Spine roads shall be non-Dimmable.	Requesting to clarify that Road Nos and Road width are mentioned in the table, it will be very helpful that the Please mention the Median details and width of the median to decide the Pole structure for single and double arm	Design is in Bidder's Scope. Bidder to work out the arrangement for placements of Poles based on road details.
290	Volume II, TECH SPECS Clause 7.3.12, Page No: 16	All Luminaires shall conform to RoHS/UL/CE/ERTL/ERDI and BIS requirements and Certifications as appropriate. All the test reports from Third Party NABL accredited laboratory shall be submitted along with the technical proposal/ Bid. Drivers used in the luminaires should be having individual BIS CRS number. BIS certificate shall be submitted along with the BID in the compliance.	Requesting you to remove the third party labs as most of the OEM has NABL accredited labs, in such short notice we are not able to submit the reports. However OEM will submit the third party reports before LoA.	Tender Condition shall prevail.
291	Volume II, TECH SPECS Clause 9.6, Page No: 28	Controller Certifications as per above standards for Metering Accuracy for Class 1, IP 66, Surge protection, 440 VAC withstand rating, EIRP & ETA from NABL Accredited Third Party Laboratory to be submitted along with the bid.	Please clarify, Class 1 Certification is required for the Group Controller/Individual controller, if individual controller power measurement is done for only individual lamps which doesn't required Class 1 accuracy. Also please permit that EIRP and ETA certificates shall be submitted that 45 days from LoA/before the supply of materials,as this is customized products.	Tender Condition shall prevail.

292	Volume I, ITB, Clause No. 6.1.2 Page No- 17	Eligible Bidders : Overhead Transmission line and Underground cabling works up to 33 KV electrification (a) One project costing not less than Rs. 32.64 Crores or (b)Two projects each costing not less than Rs. 20.40 or (c) Three Projects each costing not less than Rs. 16.32 Crore.	Here we understand that we have to submit 1,2 or 3 work order copies & completion certificates as per respective clause I.E (a),(b),&(c) related to over head transmission line or underground cabling work up 33 KV electrification. As the Over Head & Underground cabling works are rarely mixed up by any of the power utilities hence asking both kinds of works in Single order will restricts the participation of many performing bidders.	Refer Corrigendum No-03, Sr. No. 17 & 18.
293	Volume I, ITB, Clause No. 6.1.3 Page No- 17	The Sole bidder/Any member of JV should have installed cumulatively at least 5200 Nos of LED light fitting with a web enabled CCMS in maximum one order in last 7 years.	We request you to allow MOU or Joint Venture agreement or Consortium between 3 firms/members/companis as in all 3 cases the lead bidder as well as associated partners are fully laible to perform their assigned responsibilities.	Tender Condition shall prevail.
294	Volume I, ITB, Clause No. 6.1.4 Page No- 18	The bidder shall have engaged in successful Operation & Maintenance contrtcat of 2000 Nos LEDwith CCMS.....	We request you to allow MOU or Joint Venture agreement or Consortium between 3 firms/members/companis as in all 3 cases the lead bidder as well as associated partners are fully laible to perform their assigned responsibilities.	Tender Condition shall prevail.
295	Volume I: BID DATA SHEET Serial no -25, Page No: 8	Joint Venture : Joint venture Entity of Maximum 3 firms/members/companies as partners shall be allowed for the works only if the 3rd firm/member is OEM. Otherwise maximum 2 firms/companies as partners shall be allowed for the works.	We request you to allow MOU or Joint Venture agreement or Consortium between 3 firms/members/companis as in all 3 cases the lead bidder as well as associated partners are fully laible to perform their assigned responsibilities.	Tender Condition shall prevail.
296	Volume I: BID DATA SHEET Serial no -12, Page No: 7	Earnest Money Deposit :- 40,80,000.00 - to be deposited online through E-procurement portal.	Plesae allow Bank Gaurantees as the EMD is huge considering the difficult time owing to COVID-19. The central Govt. has already waived the EMD in their all major infra project.	Tender Condition shall prevail.
297	Volume I, ITB, Clause No. 6.2 and 6.4 Page No- 17 & 18	The bdder shall have completed at least 2000 Nos of LED luminaries with CCNS offered with LMS solution in the last 7 years.	Is it mandatory to have such experience with the Lead bidder or collectively all members of the consortium/JV should meet the same ?	Refer Corrigendum No-03, Sr. No. 22 & 23.
298	Volume I, ITB, Clause No. 7.5 Page No- 20	Lead member of JV (excluding OEM) should have valid registration certificates in Class-I category or Equivalent of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorities of Indian State.	Here we understand that Valid Class-I Electrical License issued by Govt. of Assam is acceptable in both cases.	Bidder's understanding is not correct. Both Class- I registration certificate & Electrical licenses as mentioned under Clause No. 6.1.1, Vol-I to be submitted. <u>Tender Condition shall prevail.</u>
299	Volume I, ITB, Clause No. 7.6 Page No- 20	Lead member of JV (excluding OEM) shall have a valid electrical CONTRACTOR's license registered with Government of Assam or equivalent Registration in any state Government Department, Central Government Department, other Government Department/ undertaking of State/Central Government/ Public Sector Undertaking.	Here we understand that Valid Class-I Electrical License issued by Govt. of Assam is acceptable in both cases.	Bidder's understanding is not correct. Both Class- I registration certificate & Electrical licenses as mentioned under Clause No. 6.1.1, Vol-I to be submitted. Tender Condition shall prevail.
300	General	Vol-II (Specification), Annexure are missing	Please provide.	Already provided.
301	Volume II, TECH SPECS, Clause No. 9.5.5, Page No. 26	The controller shall provide Class I accuracy measurement of RMS Voltage & Current, Power (kW, kVA, kVARH), energy consumption with 1% as per IS 13779/ IEC 62052/53 (KWH, kVAH, kVARH) and Power factor.	Do we need to offer Advance Street Light Individual controller with Energy Metering feature for only Group dimmable driver >75W or for all project ?	Bidder shall comply with the minimum design requirement as specified in the tender.
302	Volume-II, TECH SPECS, Clause No. 9.5.6, Page No: 26	Controller shall provide the following minimum alerts but not limited to; a) Load & mains failure	For Individual Luminaire failure, Individual SLC may be offered with an additional battery back up. Please indicate whether such battery back up is required or not. If required, please also confirm the duration of back-up required to determine the rating of the battery.	Refer reply to the Point no. 268 above.
303	General	-	Please indicate whether Gateway / Controller should be offered with optional battery back up. If yes, please indicate the duration of back up required.	Refer reply to the Point no. 269 above.

304	Volume-II, TECH SPECS, Clause No. 9.6, Page No: 29	<p>Communication Network-</p> <p>(i) The BIDDER shall adopt communication network which helps improve the efficiency and performance of the system offered by it and is cost effective. It should have GPRS interface to upload/download all data & events on web/cloud network through suitable port & modem</p> <p>(v) The end devices should be able to communicate to a gateway which will send data to the server</p> <p>(vi) The gateway infrastructure site should be beyond the reach/access of general public and should be secured with lock and key (site to be fenced and should allow entry to authorized persons ONLY with proper authorization from the vendor) & must be equipped with a back up of min 2 hrs.</p> <p>(vii) There should be point to point communication between Controller & Gateway</p>	Requirement is for GPRS in every Individual node with point to point communication, then Why Gateway is required ?	Refer reply to the Point no. 92 and 156 above.
305	Volume-II, TECH SPECS, Clause No. 9.8.21, Page No: 31	The application shall provide API based integration to GSCL Command and Control Center (CCC) in future. It would be the joint responsibility of the service provider (street light application provider and CCC provider) to jointly work to get this integration up and running. CCC shall provide remote viewing and control of street light control application for troubleshooting and support.	Do we need to consider the dashboard designing (application hosting) or only API has to shared with GSCL CCC ?	Refer reply to the Point no. 94 above.
306	General	-	Control center infrastructure like TV, Internet for viewing of dashboard is in whose scope, it would be at one single location, how many user access has to be considered ?	Refer reply to the Point no. 273 above.
307	Volume II, TECH SPECS, Clause No: d) 4.1.10 & 9.4.4, Page No. 8 and 24	Dimmable driver shall be considered only for Luminaires which are rated above 75W and all Light fittings on roads having Carriage Way + Shoulder Width equal to or more than 11m and Road No. 36, 36A, 110, 4A, 1, 1A, 5, 24A, 40B, 14AA for Spine roads.	Kindly confirm the total number of Lights with wattage above 75, which needs to be dim with the help of dimmable driver.	Design is in Bidder's Scope. Bidder to work out the Qty for the required road sections.
308	General		Kindly confirm only the dimming is required at individual level or controlling is also required.	The tender requirement is for Group Control. Bidder can achieve the group control by using individual control if required.
309	Volume I, TECH Evaluation, Clause No.: 37.5.2, Page NO. 30	Technical Evaluation Criteria (Supporting Documents Required)	Please include: As per the RFP work order from private organization or coporate in india should not be acceptable because it has never been acceptable in any previous government tenders anywhere in India.	Tender Condition shall prevail.
310	Volume I, TECH Evaluation, Clause No.: 37.5.2, Page NO. 29	Evaluation Criteria Details (Supporting Documents Required)	Please consider that a contractor who has completed a single similar typeof project costing more than Rs. 65.28Cr (Rs. 32.64cr + 32.64Cr) should be awarded 25marks.	Tender Condition shall prevail.
311	Volume II, Defect Liability Period, Clause No 26, Page No. 19	Defect Liability Period	Please include: Penalties for non-fulfillment of minimum uptime requirement ie. 96% of the total LED quantity and issue satisfactory monthly maintainance certificate on monthly basis till 5 years. If delay in restoration of LED streetlight faults shall be as per your penatly clause.	Tender Condition shall prevail.
312	General		Since one of the significant component of this tender is cables & Wires as well as several other metal products, these items are which highly price volatile due to several market indices. Several metal items prices have increased by over 20%-40% over the last 6 months. As such, the price offered at the time of participating to the bidders may not be sustainable to the OEMs due to the price rise later or at the time of actual execution of work. Hence, we request you to kindly incorporate the price escalation protection clause so that the successful bidder is not at a financial loss or forced to opt for an inferior quality product thereby compromising the whole project.	Tender Condition shall prevail.

313	Volume I, ITB, Clause No: 6.1.3, Page No. 17	Sole BIDDER/ Any Member of JV should have installed cumulatively at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last Seven (07) financial years	Request you to amend Lead bidder having financial qualification criteria set in tender can have JV with company having installed at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last Seven (07) financial years.	Tender Condition shall prevail.
314	Volume I, Clause 13.0, Page No: 24	The bid document must be accompanied by the Earnest Money Deposit of Rs. 40,80,000/- through Internet Banking from State Bank of India (SBI) or any other banks listed at SBMOPS on https://assamtenders.gov.in or NEFT/RTGS in case of offline payment from any Bank.	Request you to provide an additional option of EMD in the form of bank guarantee, kindly clarify.	Tender Condition shall prevail.
315	General	Audited financial statements for the last Seven financial years.	Request you to consider financial year from 2013-14 to 2019-20 since the audit for the year 20-21 is under progress.	In case the Bidder is not able to submit his duly Audited Financial figures for year 2020-2021, then bidder shall submit the Audited financial figures for last seven years prior to year 2020-2021 i.e From year 2013-14 to year 2019-2020. All other conditions shall remain same.
316	Volume I & Section 47 Clause 47.2.2, Page No: 50	a) On satisfactory supply and receipt of all material at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 50% of approved BOQ Rate. b) On satisfactory installation as per Tender Specification and approved project schedule- 25% of the approved BOQ Rate. c) On successful completion and commissioning of the system including CCMS and Complaint Management System in every respect in section- 25% of the approved BOQ Rate.	Request to change to 75%.	Tender Condition shall prevail.
317	Volume I & Section 47 Clause 47.2.2, Page No: 50	a) On satisfactory supply and receipt of all material at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 50% of approved BOQ Rate. b) On satisfactory installation as per Tender Specification and approved project schedule- 25% of the approved BOQ Rate. c) On successful completion and commissioning of the system including CCMS and Complaint Management System in every respect in section- 25% of the approved BOQ Rate.	Request to change to 15%.	Tender Condition shall prevail.
318	Volume I & Section 47 Clause 47.2.2, Page No: 50	a) On satisfactory supply and receipt of all material at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 50% of approved BOQ Rate. b) On satisfactory installation as per Tender Specification and approved project schedule- 25% of the approved BOQ Rate. c) On successful completion and commissioning of the system including CCMS and Complaint Management System in every respect in section- 25% of the approved BOQ Rate.	Request to change to 10%.	Tender Condition shall prevail.
319	Volume I & Section 3 S. No. 15 & 16, Page No:8	Posting of response to prebid queries : 25-08-2021, Last Date & time for online submission: 31-08-2021	Request to change it to 15-09-2021.	Refer Corrigendum No.-01.
320	Volume I: BID DATA SHEET Serial no -17, Page No: 8	Last date of physical submission of bid (tender fee, EMD, Technical Bid) in hardcopy	Please clarify no of hard copy for submission.	1 set of Hard Copy. Bidder to refer Clause No 15.1, Vol-I ITB.
321	Volume I: BID DATA SHEET Serial no -17, Page No: 8	Last date of physical submission of bid (tender fee, EMD, Technical Bid) in hardcopy which is 1-09-2021	Request to change submission date to 16-09-2021.	Refer Corrigendum No.-01.

322	Volume I: BID DATA SHEET Serial no -8, Page No: 7	Defect Liability Period - 1 (one) year except LED luminaries from issue of commissioning certificate. Complete LED luminaire assembly shall have 5 years warranty.	Request to change warranty of LED luminaries assembly to 2 years.	Tender Condition shall prevail.
323	Volume I: BID DATA SHEET Serial no -9, Page No: 7	Comprehensive operation maintenance period - period of 5 (five) years from the date of successful commissioning of LED streetlights and centralized control and monitoring system and after issuance of completion certificate from the authority.	Request to change to 2 years.	Tender Condition shall prevail.
324	Volume-I, ITB, Scope of work, Clause No. 4.11, Page No. 12	The clearance for carrying out dismantling works of existing Light Fittings on electric poles shall be given only after successful completion of trial testing period of 15 days and approval from GMC after installation and commissioning of new street lighting system in the particular area.	Request to change as per site condition on and before installation commissioning of new street lighting system in the particular area.	Tender Condition shall prevail.
325	Volume-I, ITB, Clause No. 5.5, Page No. 14	CONTRACTOR shall lay cable either manually by excavating open trench or through trenchless method. However, all necessary permission to dig or drill or lay from concerned authorities and taking care so as not to damage the existing power/ telecom cables or utility lines underneath through the same corridor shall be ensured. Any damage if done shall be compensated by CONTRACTOR to the concerned owner with no implication to GSCL whatsoever.	Any damage if done shall not be compensated by the CONTRACTOR or request to provide detailed route of existing (buried) cable laid to avoid further damage.	Tender Condition shall prevail.
326	Volume I, ITB, Clause No. 6.1.2 Page No- 17	Eligible Bidders : Overhead Transmission line and Underground cabling works up to 33 KV electrification (a) One project costing not less than Rs. 32.64 Crores or (b)Two projects each costing not less than Rs. 20.40 or (c) Three Projects each costing not less than Rs. 16.32 Crore.	Present is 80% request to consider it to be changed to 60%	Tender Condition shall prevail.
327	Volume I, ITB, Clause No. 6.1.2 Page No- 17	Eligible Bidders : Overhead Transmission line and Underground cabling works up to 33 KV electrification (a) One project costing not less than Rs. 32.64 Crores or (b)Two projects each costing not less than Rs. 20.40 or (c) Three Projects each costing not less than Rs. 16.32 Crore.	Present is 50% request to consider it to be changed to 35%	Tender Condition shall prevail.
328	Volume I, ITB, Clause No. 6.1.2 Page No- 17	Eligible Bidders : Overhead Transmission line and Underground cabling works up to 33 KV electrification (a) One project costing not less than Rs. 32.64 Crores or (b)Two projects each costing not less than Rs. 20.40 or (c) Three Projects each costing not less than Rs. 16.32 Crore.	Present is 40% request to consider it to be changed to 20%	Tender Condition shall prevail.
329	Volume I & Section 3 S. No. 15 & 16, Page No:8	Posting of response to prebid queries : 25-08-2021, Last Date & time for online submission: 31-08-2021	We humbly request you to postpone the tender by 4 weeks to enable us complete the inspection and evaluation process.	Refer Corrigendum No.-01.
330	General		Bidder should have installed any one project in the North East region instead of Assam only.	Tender Condition shall prevail.
331	General		With regards to the Software ...Group controlling or Cluster wise controlling to be incorporated.	Not understood. Tender Condition shall prevail.

332	Volume I: Instruction to BIDDERS; Terms of Payment / Clause no. 47.2.2, Page No. 41 of 69	<p>a) On satisfactory supply and receipt of all material at site as per approved procurement schedule and approved quantity and submission of third-party inspection certificates & acceptance by Engineer in charge - 50% of approved BOQ Rate.</p> <p>b) On satisfactory installation as per Tender Specification and approved project schedule- 25% of the approved BOQ Rate.</p> <p>c) On successful completion and commissioning of the system including CCMS and Complaint Management System in every respect in section- 25% of the approved BOQ Rate.</p>	In line with your Instruction to Bidders, Cl. No. 5.1, Page No. 14/78; the entire Project Route Length of 135.9 Km has been advised to be bifurcated into Maximum 5 Sections for part commissioning having minimum 25 Km per section, request your good office to kindly clarify whether the existing payment terms are for the entire Project Length or for the individual Section. Being a megaproject requiring exhaustive financial inputs at each milestone of project timeline request your good office to kindly consider the existing payment terms for the part completion of individual project sections.	Bidder to refer Clause No. 47, Vol-I ITB in totality.
333	Volume I: Instruction to BIDDERS; Loss of Theft of Property /Clause No. 48, Page No. 41 of 69	Loss of Theft of Property The CONTRACTOR shall be responsible for the up keeping of all the assets created and any loss and damage thereof shall be made good by him immediately at his own cost to continue the services under the scope of RFP document available for use. If CONTRACTOR fails to create new assets which are damaged by theft or any other reason and Services are affected then the penalties will be levied as per Penalty Clause for not meeting the desired level of Service Level. If the level of services goes below the minimum level as prescribed in the Service Level Benchmark then GSCL will get it done at risk and cost of the CONTRACTOR or take any suitable action including termination of Contract Agreement.	Request you good office to kindly amend this condition and exclude the same from the scope of contractor.	Refer reply to the point no. 5 above.
334	Volume I: Instruction to BIDDERS Retention Money, Clause No. 44, Page No. 39 of 69	Retention money 5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in three parts - a) 20 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate.b) 20 (%) percent of the amount will be paid after successful completion of Defects Liability Periodc) 60 (%) of the amount shall be paid in equal installments after successful completion of Operation and Maintenance for each year during Operation and Maintenance Period of Five years.	Since the contractor is already bound to submit 5% of the Awarded Contract Amount in form of Bank guarantee valid up to completion of operation & maintenance, the necessity of retention money is not required. Request your kind clarifications for the same.	Refer Corrigendum No-03, Sr. No. 24.
335	Volume I: Instruction to BIDDERS Bid Data Sheet S No. 22, Page No: 8 of 69	Performance Security 5 (%) percent of Awarded Contract Amount in form of Bank guarantee valid up to completion of Comprehensive 5 years operation & maintenance.	Since the contractor is already bound to submit 5% of the Awarded Contract Amount in form of Bank guarantee valid up to completion of operation & maintenance, the necessity of retention money is not required. Request your kind clarifications for the same.	Refer Corrigendum No-03, Sr. No. 25.
336	Volume II: Technical Specifications & Drawings Approved Makes Cl. No. 19.0, Sr. No. 03, Page No: 50 of 74	Lighting Fixtures- Philips (Signify)/ Wipro/ Bajaj/ Havells/Lighting Technology/ Crompton/ Keslec or Equivalent brand of repute which have been used in other Smart City / City Lighting Projects or any other makes of repute and meeting all specifications as stipulated in the Bid Document will also be considered, but final decision on selection of make will be at the discretion of GSCL.	We are one of the reputed OEM of Lightning fixtures, luminaries and Solar Home/Street light systems with a considerable experience & state of the art manufacturing facilities. Request your good office to kindly to issue necessary amendments in order to avoid restrictive bidding and provide fair chance of representation to all capable bidders.	Tender Condition shall prevail.
337	Volume I: Instruction to BIDDERS Retention Money, Clause No. 44, Page No. 39 of 69	Retention money 5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in three parts - a) 20 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate.b) 20 (%) percent of the amount will be paid after successful completion of Defects Liability Periodc) 60 (%) of the amount shall be paid in equal installments after successful completion of Operation and Maintenance for each year during Operation and Maintenance Period of Five years.	Since PBG @5% is collected from bidder and kept till end of Comprehensive operation and maintenance period, request you to waive off retention clause since contractor profit as per GOVT norms is assumed @10% and wouldn't be fair to contractor to keep his entire profit tied up for a period of 6 years.	Refer Corrigendum No-03, Sr. No. 24.

338	Volume I, ITB, Clause No. 48, Page No- 50	Loss & Theft of Property- The CONTRACTOR shall be responsible for the up keeping of all the assets created and any loss and damage thereof shall be made good by him immediately at his own cost to continue the services under the scope of RFP document available for use. If CONTRACTOR fails to create new assets which are damaged by theft or any other reason and Services are affected then the penalties will be levied as per Penalty Clause for not meeting the desired level of Service Level. If the level of services goes below the minimum level as prescribed in the Service Level Benchmark then GSCL will get it done at risk and cost of the CONTRACTOR or take any suitable action including termination of Contract Agreement.	Please explain how can a contractor be held responsible for theft or some car accident for example?	Refer reply to the point no. 5 above.
339	VOL I Table 4 – Evaluation Criteria, Page No. 28-32	Experience of Similar Nature of Works/Project as specified in Cl 6.1.2 to be complied by Sole Bidder/ Any member of JV:	Request you to add the following to the marking scheme- Prior Work experience of Similar Nature of Works/Project as specified in Cl 6.2 accomplished in any North East States during last Five (5) financial years to be complied by Sole Bidder/ Any member of JV. Projects valued up to 5 Cr.– 3 marks. Projects valued More than 5 Cr.- 5 marks	Tender Condition shall prevail.
340	Volume I & Section 3 S. No. 15 & 16, Page No:8	Posting of response to prebid queries : 25-08-2021, Last Date & time for online submission: 31-08-2021	We request you to postpone the tender by 14 days from the existing due dates.	Refer Corrigendum No.-01.
341	Volume I & Section 3 S. No. 15, Page No:8	Last Date & time for online submission: 31-08-2021	We are interested to participate in the above tender, but due to the current pandemic situation we are not able to visit Guwahati and prepare the road wise design summary sheet with all design parameters require to submit along with other documents. Hence considering the above fact we are requesting you to provide some time extension (at least one month more from the date of the submission of tender i.e 31st August 2021). Therefore, we request you please allow us to submit the tender on or before 30th of September-21.Lastly, we request you, please send us one confirmation email for our request approval, so that we will proceed further to comply with the required tender document	Refer Corrigendum No.-01.
342	Volume I & Section 3 S. No. 15, Page No:8	Last Date & time for online submission: 31-08-2021	We request you to extend Bid submission date by 15-20 days.	Refer Corrigendum No.-01.
343	Volume I & Section 3 S. No. 15, Page No:8	Last Date & time for online submission: 31-08-2021	We request you to extend Bid submission date by 10 days.	Refer Corrigendum No.-01.
344	Volume I & Section 3 S. No. 15, Page No:8	Last Date & time for online submission: 31-08-2021	We request you to extend Bid submission date by 10 days.	Refer Corrigendum No.-01.
345	Volume I: Instruction to BIDDERS, Clause No:6.1.2, Page No. 16	The BIDDER should have completed or substantially completed similar infrastructural works/projects during last Seven (7) financial years. Similar infrastructural works/projects shall related to following; i) Supply, installation, testing and commissioning of Urban and Rural Street & Area Lighting systems AND/ OR ii) Overhead transmission line and underground cabling works Up to 33 kV Electrification.	We request you to modify the clause as – “ii) Overhead transmission line and / or underground cabling works Up to 33 kV Electrification.	Refer Corrigendum No-03, Sr. No. 17.

346	Volume I, ITB, Clause No. 6.1.3 Page No- 17	The Sole BIDDER/ Any Member of JV should have installed cumulatively at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last Seven (07) financial years with Government/ Semi- Government organizations/ Private organizations or Corporates. Performance Certificate for successful Operation of the installed Lighting System with reference to Light fittings and CCMS duly signed by the Competent Authority from Client (Engineer-in-Charge, not below the rank of Executive Engineer). However, the Sole or Lead BIDDER in a JV should have cumulatively installed and commissioned entire street light system with at least 1200 nos. of street light poles with LED or Conventional Street Light Luminaires (MH/ HPSV) and other components like feeder pillars, cabling & earthing system or must have cumulatively installed and commissioned minimum 50 KM overhead transmission lines/ transmission underground cable laying up to 33KV in last Seven (07) financial years	We request you to modify this clause as – “The Sole BIDDER/ Any Member of JV should have installed cumulatively at least 5200 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum Two (2) work orders in last Seven (07) financial years.	Tender Condition shall prevail.
347	Volume I, ITB, Clause No. 6.1.4 Page No- 17	The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED with Centralized Control and Monitoring System with accessories in a single work order for at least One (1) complete year out of last Seven (07) years with Government/ Semi- Government organizations/ Private organizations or Corporates.	We request you to modify this clause as – “The BIDDER shall have been engaged in successful Operation & Maintenance Contract of minimum 2000 nos. of LED with accessories in a single work order for at least One (1) complete year out of last Seven (07) years.	Refer Corrigendum No-03, Sr. No. 20.
348	Volume I, ITB, Clause No. 7.5 Page No- 11	Lead member of JV (excluding OEM) should have valid registration certificates in Class-I category or Equivalent of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorities of Indian State.	We request you to modify this clause as – “Lead member / Any member of JV (excluding OEM) should have valid registration certificates in Class-I category or Equivalent of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorities of Indian State.	Tender Condition shall prevail.
349	Volume I & Section 3 S. No. 15, Page No:8	Last Date & time for online submission: 31-08-2021	We also would like to request you to extend the tender due date by at least 15 days to enable us to submit comprehensive competitive bid after survey and design.	Refer Corrigendum No.-01.