

## GUWAHATI SMART CITY LIMITED

No. SPV/GSCL/DEV/63/2017/188

Dated : 30/05/2020

### ADDENDUM NO. 06

Tender ID No. : 2020\_GSCT\_17233\_1

Tender Notice No. : SPV/GSCL/DEV/63/2017/141 Date: 18.03.2020

#### Name of Work:

Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.

In view of the existing strained circumstances due to COVID-19 Pandemic and the difficulties that are being faced by bidders, GSCL has decided to accept additional queries of bidders whose responses are placed in this addendum.

Bidders are to note that no further request for consideration of queries will be accepted by GSCL.

In pursuance to the queries raised by the bidders, following are the amendments. The intending bidders are requested to take note of the following changes and accordingly shall have to submit the Tender.

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



Reference Of Tender Clause					Instead of	Now read as
Sr. No.	Volume No.	Page No.	Clause No.	Para No./ Sr. No.		
1	Volume-1	18	6.1.1	1	The BIDDER can either be a Sole BIDDER or a Joint Venture and shall be an Indian partnership firm or Indian private/ public limited company registered under Company Act 1956 /2013. The Sole BIDDER / All members in Joint Venture (excluding OEM) should have valid registration certificates in Class-1 category or equivalent category of CPWD/ APWD/ MES/ State PWD/ PSUs/ Railways/ Municipal Corporations and Development Authorities of Indian State valid in the State of Assam. The Sole BIDDER / All 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 Department, Central Government Department, other Government Department/ undertaking of State/Central Government/ Public Sector Undertaking	The BIDDER can either be a Sole BIDDER or a Joint Venture and shall be an Indian partnership firm or Indian private/ public limited company registered under Company Act 1956 /2013. The Sole BIDDER / Lead BIDDER in Joint Venture (excluding OEM) should have valid registration certificates in Class-1 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 Department, Central Government Department, other Government Department/ undertaking of State/Central Government/ Public Sector Undertaking.
2	Volume-1	48	43.2	1	This Performance Bank Guarantee shall be for an amount equivalent to 10% of total contract value valid up to the end of operation and maintenance period.	This Performance Bank Guarantee shall be for an amount equivalent to 5 % of total contract value valid up to the end of operation and maintenance period.
3	Volume-1	50	44.1	1	5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in two parts - 30 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate for each section. Rest 70 (%) percent of the amount will be paid in equal installments for 1 (One) year	5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in three parts - 20 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate for each section. Rest 20 (%) percent of the amount will be paid after DLP and rest 60% amount shall



Reference Of Tender Clause					Instead of	Now read as
Sr. No.	Volume No.	Page No.	Clause No.	Para No./ Sr No.		
					till completion of Defect Liability Period for each section (12 installments).	be paid in equal instalments for 4 (Four) years till completion of O&M in equal instalments.
					CONTRACTOR shall procure material only after the procurement clearance is received from Employer or it's representative. CONTRACTOR shall not dump the entire quantity as estimated after the design and detail engineering of the Job but shall procure for the current phase of work after due approval. In the event the Contract is terminated for reasons as appropriated by Employer, The CONTRACTOR shall be liable for payment for only those quantities which have been cleared for procurement.	The Contractor shall submit the project Plan and procurement plan for approval of GSCL. The material should be procured as per approved procurement plan and after getting approval from GSCL. In the event the Contract is terminated for reasons as appropriated by Employer, The CONTRACTOR shall be liable for payment for only those quantities which have been cleared for procurement.
4	Volume-1	51	47.1	1	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- 20% of the approved BOQ Rate c) On successful completion and commissioning of the system in section- 20% of the approved BOQ Rate. d) On satisfactory Testing, commissioning of the entire system-10% of the approved BOQ Rate.	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 Complain Management System in every respect in section- 25% of the approved BOQ Rate.
5	Volume-1	51	47.2.2	1	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- 20% of the approved BOQ Rate c) On successful completion and commissioning of the system in section- 20% of the approved BOQ Rate. d) On satisfactory Testing, commissioning of the entire system-10% of the approved BOQ Rate.	Each section shall be considered successfully complete & commissioned only if the section is commissioned with CCMS, Complain Management System, Service team arrangement and other mandatory requirements which are specified in the



Reference Of Tender Clause					Instead of	Now read as
Sr. No.	Volume No.	Page No.	Clause No.	Para No./ Sr No.		
					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.	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 compliance.
6	Volume-2	16	7.3.12	1	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the luminaires.	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the luminaires. 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.
7	Volume-2	17	7.3.18	1	Adequate protection against Overloading, Short Circuit, Over Voltage, Over temperature, Under Voltage, String Open, Surge Protection shall be provided within the luminaires.	Drivers shall be capable of withstanding the voltage stress of 440V. Test certificated shall be submitted to justify the same.
8	Volume-2	47	Cl. No. 19, Table-4	1	GI Octagonal Lighting Pole : Bajaj/ Philips/ Valmont/ Jindal Power/ Aster/ Transrail Ltd/ Utkarsh/ Nezone	GI Octagonal Lighting Pole : Bajaj / Philips / Valmont/ Jindal Power/ Aster/ Transrail Ltd / Utkarsh / Nezone or APWID approved make, but final decision on selection of make will be at the discretion of GSCL.
9	Volume-2	50	Cl. No.20; Annexure-1; Table-5; Sl. No.19	1	Driver Life: Same as LED Life.	Driver Life: Same as LED Luminaire Life.



Reference Of Tender Clause					Instead of	Now read as
Sr. No.	Volume No.	Page No.	Clause No.	Para No./ Sr. No.		
10	Volume-5	3	2.8	1	CONTRACTOR shall obtain daily work permit from the EMPLOYER/CONSULTANT before start of any work at site. The work permits are issued to prevent the CONTRACTOR from working in unauthorised areas and shall be valid for specific area for a stipulated period.	CONTRACTOR shall obtain daily work permit or permission as per the requirement of the EMPLOYER / CONSULTANT / CONCERNED AUTHORITY before start of work at site. The work permits / permission is required to prevent the CONTRACTOR from working in unauthorised areas and shall be valid for specific area for a stipulated period. CONTRACTOR shall make arrangement for an Ambulance service to be made available in case of accident or eventually and communicate the contact number to the working members, supervisors as well as to the EMPLOYER so that the Ambulance service shall made available in the shortest period of time during emergency.
11	Volume-5	4	3.9	1	CONTRACTOR must provide one full time ambulance and it must be parked near the Entry gate or at the First aid center manned by an experienced driver.	Ladder Mounted Vehicle shall be used as specified in the tender in place of mobile scaffolding.
12	Volume-5	9	10.7	1	CONTRACTOR must ensure usage of mobile scaffold is strictly prohibited.	Not relevant to the present context.
13	Volume-5	4	3.10	1	CONTRACTOR's Plant and Equipments will be screened at the gate before being deployed at site by Employer/Consultant.	Permission for getting into any work shall be as per the authorised permission given by the EMPLOYER / CONSULTANT / CONCERNED AUTHORITY. The CONTRACTOR shall arrange to separate pedestrian and vehicular (including material handling equipment) traffic wherever possible and maintain the routes clear of obstruction. To ensure safety of users' clear painted demarcation is encouraged as a discipline to be enforced.
14	Volume-5	4	3.11	1	Permission for Entry/Exit of CONTRACTOR's Plant and Equipment's into project premises must be through Employer/Consultant. The CONTRACTOR shall arrange to separate pedestrian and vehicular (including material handling equipment) traffic wherever possible and maintain the routes clear of obstruction. To ensure safety of users' clear painted demarcation is encouraged as a discipline to be enforced.	As Below
15	Volume-1	80,81	62			



**Annexure 13 - Format for MEMORANDUM OF UNDERSTANDING (MOU) with OEM (LED Smart Street Lighting Luminaries & Centralized Control Monitoring System- Street Light controllers)**

This MEMORANDUM OF UNDERSTANDING hereinafter referred to as MoU made on \_\_\_ Day \_\_\_\_\_ (month and year) at \_\_\_\_\_ by and between.

(Name of Original Equipment Manufacturer (OEM) with address) \_\_\_\_\_, represented by \_\_\_\_\_ Authorized Signatory, which expression shall unless repugnant to the subject or context include its administrators, Successors and assigns.

(Name of BIDDER with Address) \_\_\_\_\_, represented by \_\_\_\_\_ (Authorized Signatory), which expression shall unless repugnant to the subject or context includes its administrator, successor and assigns

Herei nafter referred to as "Parties" in the collective sense and \_\_\_\_\_ which is referred to as " \_\_\_\_\_ (Name of Original Equipment Manufacturer (OEM))" & " \_\_\_\_\_ (Name \_\_\_\_\_ BIDDER)" in the individual sense.

WHEREAS Guwahati Smart City Limited (hereinafter referred to as Employer) has invited \_\_\_\_\_ referred \_\_\_\_\_ the ("project") for the following work:

Name \_\_\_\_\_ of \_\_\_\_\_ Project:

WHEREAS if the said project is awarded to " \_\_\_\_\_" (Name \_\_\_\_\_ BIDDER) to execute the said project and it would also need Electrical materials such as LED Smart Street Lighting Luminaries & Centralized Control Monitoring System- Street Light controllers and \_\_\_\_\_ the " \_\_\_\_\_" (Name \_\_\_\_\_ BIDDER) hereby enter into this MoU with " \_\_\_\_\_" (Name of Original Equipment Manufacturer (OEM)) \_\_\_\_\_" for timely execution of \_\_\_\_\_ (Name of Project) and as per the tender conditions and both the parties would be responsible for their respective scope for works during execution of the said projects and operation and maintenance of the same project till the end of the contract period as per the Bidding Documents. The overall aggregate liability of the OEM shall be limited to their respective scope of works as per the final Contract.

IN WITNESS WHEREOF all the parties mentioned herein above have signed this MOU on the day, month and year first above mentioned.

No change shall be made in this agreement without prior consent of Employer and other party. However, If the Employer direct the parties to make changes in MOU agreement so as to fulfill the tender condition / requirement, the parties shall discuss with the employer and shall mutually agree for such changes as may be required to be made in the agreement.

In the interest of timely completion of the project, after discussion and getting assurance from manufacture of Electrical materials such as LED Smart Street Lighting Luminaries & Centralized Control Monitoring System- Street Light controllers, the following schedule for \_\_\_\_\_ Supply of Electrical materials is proposed in order to meet the milestones and desired target of the projects .



Total number of days for supply of Electrical materials shall be \_\_\_\_\_ days from the date of work order. We hereby declare that the supply of Electrical materials for the Project will be ensured by us (within \_\_\_\_\_ days) as per the above mentioned schedule. We are aware that, in case the above schedule is not met with by us, we, the Bidder shall be liable for paying the Liquidated damages as prescribed in the tender documents for non fulfillment of assured supply of Electrical materials.

All support including up-gradation and updation of the software shall be carried out, if the system is implemented, all through the contract period without any additional cost implication and also extended period if agreed upon.

For, (Name of BIDDER)

For, (Name of Original Equipment Manufacturer (OEM))

Authorised Signatory

Authorised Signatory

Note: Submissions of Bid in formats other than above, or any change in the format of submission shall lead to disqualification of the Bid.

The only valid and authentic document is the tender document which is available on the website of the Corporation. All other documents and specifications mentioned in the tender document shall be treated as invalid.   
 Sd/-   
 Managing Director,   
 Guwahati Smart City Limited



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

Sd/-  
Managing Director,  
Guwahati Smart City Limited

GUWAHATI SMART CITY LIMITED

ADDRESS NO. 08

Tel: 3612 8631 2000 GSCCL (7733) 1

Tender No: GSCCL/DE/MS/2017/144 Date: 16.09.2020

Name of work: Supply, Installation, Fixing, Commissioning of LED Street Lights and Centralized Control & Monitoring System including poles, underground cabling, earthing/feeder pipes with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and all foundations in selected Smart roads along with Roads under EPC & JMI and Operation & Maintenance for period of 5 (five) years.

In view of the existing strained circumstances due to COVID-19 Pandemic and the difficulties that are being faced by bidder, GSCCL has decided to accept additional queries of bidder which responses are placed in this addendum.

Bidders are to give their request for consideration of queries and be accepted by GSCCL.

In pursuance to the queries raised by the bidder, following are the amendments. The interested bidders are requested to take note of the following changes and accordingly shall have to submit this tender.

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



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		
2020_GS CT_17233_1	SPV/GSCL/DEV/63/2017/143	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	Volume I & II
1	Retention Money Clause 44.0, Vol. 1	5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in two parts - 30 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate for each section. Rest 70 (%) percent of the amount will be paid in equal installments for 1 (One) year till completion of Defect Liability Period for each section (12 installments).	Refer Addendum -06
2	Terms of Payment - Clause 47.1, Vol. 1	CONTRACTOR shall procure material only after the procurement clearance is received from Employer or it's representative. CONTRACTOR shall not dump the entire quantity as estimated after the design and detail engineering of the Job but shall procure for the current phase of work after due approval. In the event the Contract is terminated for reasons as appropriated by Employer, The CONTRACTOR shall be liable for payment for only those quantities which have been cleared for procurement.	Refer Addendum -06
3	Terms of Payment Clause 47.2.2, Vol. 1	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- 20% of the approved BOQ Rate c) On successful completion and commissioning of the system in section- 20% of the approved BOQ Rate. d) On satisfactory Testing, commissioning of the entire system- 10% of the approved BOQ Rate.	Refer Addendum -06
4	Clause 16.1.3, Vol. 1	The Type test reports shall include as specified in the RFP including but not limited to LM-79, LM-80, IK and IP test report not older than Seven (7) years from recognized Third party NABL accredited lab	Tender Clause shall prevail.



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.				
Tender ID NO.	Tender Reference Number				
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL	
2020_GS CT_17233_1	SPVIGSCL/DEV/63/2017/143				
5	Clause 7.3.14, Vol:2	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/ULAC/NABL accredited Third Party Laboratory (TPU) 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 house Lab should also be allowed as long it is NABL accredited.	Tender Clause shall prevail.	
6	Clause 9.5.13, Vol:2	Controller shall be able to detect switch wald condition and generate alarm.	Please clarify & elaborate on the switch wald condition	Please refer point no. 63 of the Pre-Bid Reply uploaded under Addendum-02 dated 08.04.2020	
7	Clause 2.8, Vol:5	CONTRACTOR shall obtain daily work permit from the EMPLOYER/CONSULTANT before start of any work at site. The work permits are issued to prevent the CONTRACTOR from working in unauthorised areas and shall be valid for specific area for a stipulated period.	Taking daily work permit is not possible.	Refer Addendum -06	
8	Clause 3.9, Vol:5	CONTRACTOR must provide one full time ambulance and it must be parked near the Entry gate or at the First aid center manned by an experienced driver.	Providing full time ambulance is not possible, also there is no entry gate since sites are of outdoor location and not within a compound.	Refer Addendum -06	
9	Clause 10.7, Vol:5	CONTRACTOR must ensure usage of mobile scaffold is strictly prohibited.	The volume on safety guidelines seems to be prepared while keeping a building and civil work project in mind. However due to the nature of work, mobile scaffolding shall be required and used where ever required.	Refer Addendum -06	



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.			
Tender ID NO.	Tender Reference Number			
2020 GS CT_17233 -1	SPV/GSCL/DEV/63/2017/143			
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
10	Clause 6.1.1, Vol 1	The BIDDER can either be a Sole BIDDER or a Joint Venture and shall be an Indian partnership firm or Indian private/public limited company registered under Company Act 1956 / 2013. The Sole BIDDER / All members 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 valid in the State of Assam. The Sole BIDDER / All 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 Department, Central Government Department, other Government Department/ Undertaking of State/Central Government/ Public Sector Undertaking	The clause "All Bidders" shall be amended as "Any one of the JV members".	Refer Addendum -06
11	Clause 44.1, Vol 1	5 (%) percent of each Interim Payment certificate will be deducted as retention money. The retention money will be returned in two parts - 30 (%) percent of the amount will be paid after successful commissioning & issuance of commissioning certificate for each section. Rest 70 (%) percent of the amount will be paid in equal installments for 1 (One) year till completion of Defect Liability Period for each section (12 installments).	While PBG is already submitted we request you to kindly remove the retention money.	Tender Condition shall prevail and bidder shall also refer Addendum -06.
12	Table No.1, SI. No. 22, Vol.1	10 (%) percent of Awarded Contract Amount in form of Bank guarantee valid up to completion of operation & maintenance	PBG may kindly be capped at 5%. Further, PBG shall be allowed to submit for CAPEX separately and O&M separately. The respective PBGs can be submitted at the beginning of respective phase and valid till the respective phase.	Tender Condition shall prevail and bidder shall also refer Addendum -06.
13	Table No.4, Vol.2	Approved Make	The approved makes as detailed in Section -19 from Page 48 of RFP-Volume-1 shall be strictly adhered by bidders. However, bidder may be allowed to disclose the "Make" post award. This will ensure competitive pricing from OEMs.	Tender Condition shall prevail.



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.			
Tender ID NO.	Tender Reference Number			
2020 GS CT_17233_1	SPV/GSCL/DEV/63/2017/143			
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
14	Clause 42, Vol 1	A bank Guarantee of 110 (%) percent against the mobilization advance is to be submitted. The mobilization advance and interest on it shall be adjusted and recovered in the Interim Payment Certificates raised by the CONTRACTOR for the work completed as mentioned above. The bank Guarantee submitted against mobilization advance has to be valid till completion of the work. In case, the CONTRACTOR/BIDDER fails to mobilize necessary manpower, machinery, materials and any necessary procurement or purchase to start the preliminary work, the bank guarantee against mobilization advance may be forfeited and will lead to the termination of contract.	Guarantee shall be equal to the Advance payment amount paid by GSCL.  Interest shall be waived as 100% Guarantee is been given  The Guarantee to be issued for the Advance payment shall be also taken in three installments	Tender Condition shall prevail
15	SI no 22, Bid datasheet, Vol-1	10 (%) percent of Awarded Contract Amount in form of Bank guarantee valid up to completion of operation & maintenance	2-5% of the awarded Contract Amount	Refer Addendum -06
16	CI 4.2.3, Vol-1	Approximate length of road considered in this project is 135.9km and approximate nos. of light poles and Luminaires expected is 6500 & 6600 respectively.	Scope of Works shall be more clear and specific in terms of Luminaires/Poles/Trenching wirings cabling etc.	Bidder to refer CI No. 4.1 Part A of Vol. 1 which is self explanatory.
17	CI 4.2.5, Vol-1	Carrying out detailed survey for identifying the roads measurement of ROW cross sections taking into consideration the carriage way and drains/ foot path on either side at different stretches of a particular road. List out the requirements of particular roads, prospective location for mounting the Feeder pillar as per the offered technology and the locations for mounting the poles keeping in view of availability of supply, access and ease of maintenance, measure exact road lengths, identifying any bottlenecks/ obstacle for execution like laying of cables etc. along the entire length of the roads, calculating a detailed BOQ, preparation of detail report incorporating all the above and submission to GSCL for review and approval	Kindly incorporate the survey details	Detailed Survey in accordance with CI No. 5.1 of Vol.2 is to be carried out by Bidder as per the scope of works before carrying out the Design.
18	CI 4.6, Vol-1	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 13m 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	Company assets & other equipments used by the contractor shall be under the ownership of the contractor	Tender Condition shall prevail



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER
2020_GS CT_17233_1	SPV/GSCL/DEV/63/2017/143		CLARIFICATION BY GSCL
19	Cl.6.1.1., Vol-I	<p>The BIDDER can either be a Sole BIDDER or a Joint Venture and shall be an Indian partnership firm or Indian private/ public limited company registered under Company Act 1956 / 2013. The Sole BIDDER / All members 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 valid in the State of Assam. The Sole BIDDER / All 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 Department, Central Government Department, other Government Department/ undertaking of State/Central Government/ Public Sector Undertaking</p>	Kindly amend to Lead bidder or its JV partner
20	Cl.6.1.3, Vol-I	<p>The Sole BIDDER/ Any Member of JV should have installed cumulatively at least 6600 nos. of LED light fittings with a web enabled Centralized Control and Monitoring System (CCMS) in maximum One (1) work orders in last five (5) financial years with Government/ Semi- Government organizations/ Private organizations or Corporate.</p> <p>However, the Sole or Lead BIDDER in a JV should have cumulatively installed and commissioned entire street light system with at least 1500 nos. of street light poles with LED or Conventional Street Light Luminaires (MH/ HPSV) and other components like feeder pillars, cabling &amp; earthing system or must have cumulatively installed and commissioned minimum 40 KM overhead transmission lines/ transmission underground cable laying up to 33KV in last five (5) financial years.</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). The BIDDER shall also submit Attested copy of Letter of Award / Work Order along with completion certificate</p>	<p>Please detail</p> <p>Tender Condition shall prevail</p>



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	
2020 GS CT_17233_1	SPV/GSCL/DEV/63/2017/143		
		<b>POINTS RAISED BY BIDDER</b>	<b>CLARIFICATION BY GSCL</b>
21	Cl 6.5, Voh-I	The BIDDER should have an Average Annual Turnover from only Construction works of minimum Rs.21.07/-Cr of which minimum 50% should be from electrical works and its associated civil works over the three financial years out of last five financial years.	Please delete or rephrase considering the tender is mainly a street lighting project and importance shall be given to lighting and its technologies. Not mainly for civil please
22	Cl 6.7, Voh-I	BIDDER / Lead BIDDER shall demonstrate, dedicated Line of Credit made available for this project, for the amount equivalent to minimum Rs. 14.05/-Cr as per the attached format.	Kindly amend the letter of credit or performance guarantee
23	Cl 6.1.2, Voh-I & 7.7, Voh-I	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. In joint venture consortium the lead partner shall only be an Indian partnership firm or Indian private/ public limited company.	Kindly consider Govt. projects from outside India. Latest technologies can be introduced
24	Cl 9.4.6, Voh-I	The CCMS shall provide the following features	Real time Dimming of the luminaires shall also include
25	Cl 19, Voh- II	Approved make list	Kindly Delete selected approved makes
			Bidder to note that Real time Dimming shall be an inherent feature of the CCMS even if not explicitly spelt out. Tender Condition shall prevail and bidder shall also refer Addendum -05.



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER
26	Vol-1, 6.1.2, Page No:19	<p>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 &amp; Area Lighting systems (100% of Project cost shall be considered) AND/ OR ii) Overhead transmission line and underground cabling works related to Urban and Rural Distribution Level (Up to 33 KV) Electrification, (100% of Project cost shall be considered) a) One project costing not less than Rs.45,50/-Cr. Or b) Two projects each costing not less than Rs.28,45 Cr. Or c) Three projects each costing not less than Rs.22,70 Cr. Substantial completion would be considered if minimum Eighty (80) percent of the contract value has been completed, commissioned and put to use. Partial Completion Certificate from Client (Engineer-in-Charge, not below the rank of Executive Engineer) to substantiate the above shall be submitted.</p>	<p>The BIDDER should have completed or substantially completed similar infrastructural works/projects during last Five (5) financial years. We suggest to consider RELEVANT experience of the bidder viz Supply, installation, testing and commissioning of Urban and Rural Street &amp; Area Lighting systems (100% Project cost shall be considered) while Experience related to Transmission lines, underground cabling related work has no relevance to Smart Streetlighting. CVC guidelines should be adhered to while considering the various costs of projects for bidder's experience &amp; in case bidder has not relevant experience in smart lighting, OEM's experience should be considered.</p>
27	Vol-1, 6.3, Page No. 20	<p>BIDDER shall be able to provide the references of the similar works carried out for CCMS &amp; Lighting Management Software by them. The BIDDER shall demonstrate the successful operation of CCMS of one of the system having minimum 2000 nos. of LED streetlights with Feeder Pillars during technical evaluation. Confirmation in this regard shall be provided in the Technical Proposal</p>	<p>BIDDER shall be able to provide the references of the similar works carried out for CCMS &amp; Lighting Management Software by them or of any OEM with whom they have signed and MOU The BIDDER or their OEM shall demonstrate the successful operation of CCMS of one of the system having minimum 100 nos. Feeder Pillars (with 75 nos. in single PO) &amp; if the solution is individual light point controls then atleast 4000 nos. should have been installed (with 3000 nos. in single PO) and in operation satisfactorily for minimum 2 years with a successful integration to ICC. Confirmation in this regard shall be provided in the Technical Proposal along with completion &amp; performance certificates for these installation.</p>
			Tender Clause shall prevail
			Tender Condition shall prevail



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		
SR. NO.	CLAUSe REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER
2020_GS CT_17233_1	SPV/GSSCL/DEV/63/2017/143		CLARIFICATION BY GSCL
28	Vol-1, 6.6, Page No. 21	Turnover of previous year and cost of completed / executed similar nature of work/O&M shall be given additional weight age of ten percent per year to bring them to current price level (FY 2019-2020) to account for price escalation as illustrated below: Table 2: Price escalation	Please note that Smart Lighting has started being implemented in India rampantly in last Five years, while all the major installations are done in last Three years due to Smart City Mission push in India. Hence we suggest to consider the timelines from 2014 onwards (April 2015-March 2020)
29	Vol-2, 4.1, Page No. 5	Street Lighting System	We are going ahead with the details as shared in the tender for arriving at the BOQ but a road Layout in AutoCad format would help to arrive at actual quantities.
30	Vol-2, 5.1.2, Page No. 12	Design the new lighting system based on the above inputs in latest validated version of Dialux or Acl 32 software.	In clause no 4.1.6 it is mentioned that Original Equipment Manufacturer (OEM) validated software can be used for lighting design. But in this clause Original Equipment Manufacturer (OEM) validated software is missing. Kindly add the same.
31	Vol-2, 20 (9), Page No. 48	ANNEXURE 1, TABLE NO. 5 - LUMINAIRE DATA SHEET: LED Drive current >=350 mA <750 mA	LED Drive current >= 350mA <= 1050mA
32	Vol-2, 20 (17), Page No. 50	ANNEXURE 1, TABLE NO. 5 - LUMINAIRE DATA SHEET: LED Drive current: Constant Current based Electronic Driver	Drivers used in the luminaires should be having BIS CRS number. Luminaires without such drivers are NOT ACCEPTABLE. Driver should be 140V-270V universal electronic, constant light output, potted type with internal surge protection of 4 kV & should be compatible with automated outdoor street lighting control system through compatible interfacing units. An external additional surge protection of 10KV/KA (DM/C/M) should be provided within an enclosure inside luminaire for further enhancing the surge protection, the driver should be strictly an isolated type for protecting the LED Boards from abnormalities. The drivers should be capable of withstanding voltage stress of 440V for 8 Hrs., should have an auto shutdown @ 325V and have an auto recovery feature.
			Tender Condition shall prevail
			PI refer Addendum -05
			Refer clause 4.1.6 of Vol II
			AutoCad drawing shall be shared with the successful Bidder.



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.			
Tender ID NO.	Tender Reference Number			
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	POINTS RAISED BY BIDDER	CLARIFICATION BY GSCL
2020_GSCT_17233_1	SPV/GSCL/DEV/63/2017/143			
33	Vol-2, 20(19), Page No. 19	ANNEXURE 1, TABLE NO. 5 - LUMINAIRE DATA SHEET: Driver Life: Same as LED Life	Clause to be read as "ANNEXURE 1, TABLE NO. 5 - LUMINAIRE DATA SHEET: Driver Life: Same as LED Luminaire Life."	Agreed Pl. refer Addendum-06
34	Vol 2, 20(32), Page No. 51	Pressure Die Cast Aluminium (grade 5000 or similar) housing with corrosion resistant polyester powder coating & safety as per IEC 60598:2014 and 2017 / IS 10322, 1982 (Reaffirmed 2005).	As per luminaire description 7.3.3 page 15 The housing shall be Epoxy coated, without any cracks or thorough holes, made in a single piece of die-cast LM6 Aluminium alloy. Kindly Clarify is it LM6 or grade 5000	Please refer point no. 18 of the Pre-Bid Reply uploaded under Addendum-02 dated 08/04/2020
35	Vol 2, 4.1.7, Page No. 7	Maximum power output of each Feeder Pillar for calculating the incoming cable size shall be considered not less than 10 KVA. The voltage drop at the terminals of the farthest pole shall not exceed more than 3% from the Feeder Pillar. Cumulative voltage drop from HT to the farthest Point for one feeder Pillar group shall not exceed 5%.	Please clarify on the number of outgoing with rated current for designing of panel.	Bidder shall decide in line with the Specification requirements.
36	Vol2, 9.4.6.g), Page No.25	The system shall be modular and easily scalable. Presently the system shall be designed for 15000 luminaires or 350 Switching Points and should be expandable up to 700 switching points as and when required in steps.	Please clarify on the number of Feeder panels with Dimming and Non-Dimming feature.	The System shall be scalable upto two times the present capacity. Feeder Pillar type and numbers shall be as per specification requirements.
37	Vol2, 9.5.13, Page No. 27	Controller shall be able to detect switch weld condition and generate alarm.	Please clarify & elaborate on the switch weld condition.	Please refer point no. 63 of the Pre-Bid Reply uploaded under Addendum-02 dated 08/04/2020
38	Vol2, 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.	Please clarify if this is applicable for group controller as we feel that this is generally is applicable for controller mounted on individual luminaire.	The data is mentioned for individual controller.
39	Vol2, 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.	We request you to also add "CE" certification as well.	Bidder may have CE certification but the Tender conditions shall prevail.
40	Vol2, 9.8.19, Page No.	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.	The group control system will give alert of fault for entire group phase wise and not for individual light points. We feel this is more pertaining to individual controller on each luminaire.	The application shall be able to indicate phase wise faulty luminaire count.
41	Volume-1,4.2.4-1), Page No.1	Integration with City Command and Control Centre as and when that is commissioned and creating a dashboard there for control & Monitoring	APIs would be shared by the bidder while the integration would be in client's scope.	Integration with ICCC shall be joint responsibility of Client and Bidder.



Name of Work	Design, Supply, Installation, Testing, Commissioning of LED Street Lights and Centralised Control & Monitoring System including poles, underground cabling, earthing, feeder pillars with smart controller, cloud based/dedicated server, etc along with its accessories, mounting structures and civil foundations in selected Spine roads along with Roads under EESL & NH and Operation & Maintenance for period of 5 (Five) years.		
Tender ID NO.	Tender Reference Number		POINTS RAISED BY BIDDER
2020_GS CT_17233_1	SPV/GSCL/DEV/63/2017/143		CLARIFICATION BY GSCL
SR. NO.	CLAUSE REFERENCE	CONTENT IN RFP	Request for acceptance of Corporate Guarantee in place of EMD asked for: The undersigned would like to provide you a declaration that if we are technically qualified lowest bidder for the project we would submit the EMD before the LOI is ensured on us.
42	Cl. No. 13.1, Vol. 1	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 *1). No exemption for submitting the EMD will be given to any BIDDER. Earnest Money Deposit in any other form will not be entertained.	Tender Condition shall prevail