

**Reply to Bid Queries**

S. No.	Tender Ref No.	Tender Condition/Queries	Clarification/Confirmation required.
1	Technical Specification	<p><b>“Installation of GSM base LED Street Light automation system. The system must be recognized by already installed software i.e. AMPLIGHT system”</b>  <b>Our Input in Street light management system specified in tender:-</b></p> <ul style="list-style-type: none"> <li>➤ The existing system is from Philips Amplight which is having standalone logic which runs on a particular software application likewise ours CCMS capability is also standalone and having separate logic control.</li> <li>➤ To run the system with Amplight capability we may have to break our safety fire wall which in fact will change the overall architecture of our software program so it is recommended to have separate solution for separate makes OR vendors.</li> <li>➤ Intra operability technical issues with software &amp; components as AMPLIGHT is designed to work with Philips drivers and related components.</li> <li>➤ We would request you to give us a chance to showcase our capability in terms of product performance, scalability &amp; ruggedness.</li> </ul>	<p>Since Amplight has been installed in existing 70 feeder pillars so it is proposed to provide an automation system which is compatible with the existing system</p>
2	Technical Specification	<p><b>Design of LED Street Light for proposed Road at Naya Raipur Shall be carried out on following illumination parameters :-</b></p> <p><b>a. 11. Average illumination level for main carriageway must be 10 lux Average and minimum 5 lux.</b></p> <p><b>b. Uniformity factor = minimum illumination level/average illumination level should be: 0.5</b></p> <p><b>c. Longitudinal Uniformity factor should be : 0.6</b></p> <p><b>Our input in lighting design specification mentioned in tender:-</b></p> <ul style="list-style-type: none"> <li>➤ Ideally pole to pole distance cannot be taken more than 3 times of the pole height but here in this tender pole to pole distance is 5 time of pole height coz of which uniformity &amp; min lux drops considerably.</li> <li>➤ As per standards uniformity in pathways which are more on B2 category of roads require 30% uniformity and 25% diversity while the tender asks for 50% uniformity which is near to impossible for any vender to achieve with given parameters.</li> <li>➤ Because of high pole to pole spacing you will get zebra effect in night that is white and dark patches which is not at all recommended.</li> <li>➤ So ideally to achieve given parameters in the tender the pole height and wattage of the luminaire needs to be increased should be increased to 9 meters and product wattage would be around 72W.</li> </ul>	<p>As long as other parameters are met with the most economical infrastructure shall be acceptable.</p> <p>Other vendors are able to meet the criteria</p> <p>Since the uniformity ratio will be higher zebra effect will not come into picture.</p> <p>Other vendors are achieving the design criteria of tender.</p>
3	Technical specification- page 4	Please accept the submission of the foundation drawings for octagonal poles after of award of work.	The submittal offoundation design after the award of work is accepted ,subject to prevailing standard.
4	Technical specification- page 10	Please accept the submission of QAP for cables after award of work.	The submittal of QAP for cables after the award of

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			work is accepted .
5	Technical specification- page 50	Please accept the submission of type test reposts for RMU after award of work.	The submittal of testreposts forRMU,after the award of work is accepted.,
6	Technical specification- page 73	Please accept the submission of drawings of transformer after award of work	The submittal of drawings for transformer,after the award of work is accepted subject to prevailing standard.
7	Approved make	Please incorporate C&S make for RMU	Not Accepted
8	General	We request you to issue us the layout drawings, GA & foundation drawings of poles & SLD & GA drawings for LT panels/ feeder pillars	The layout drawings, GA & foundation drawings of poles & SLD & GA drawings for LT panels/ feeder pillars will be issued <b>after the award of tender.</b>
9	General	For the systematic & proper evaluation of the tender, we request you to extend the last date of the submission of the tender by minimum period of 15 days.	Pl. See Corrigendum
10	Technical specification- page 32	The luminaire should be provided with option of dimming function to enhance energy saving if required.	The Para stands deleted in tender document
11	Technical specification	Maintenance factor to be consider 0.9	Maintenance factor to be consider <b>.9 instead of .8</b>