

Letter No: F/382/267/BSCL

Date: 08.05.2021

CORRIGENDUM - 2

Work Descriptions: Request for Proposal (RFP) for Illumination of Roads and installation of High mast light at Chowk and Chowk development (Place Making) including operation and maintenance for 5 (five) years under Smart City Mission on Item Rate basis.

NIT NO.: BSCL/High mast light /2021/57 dated – 30/04/2021

This is with reference to above tender which was published in various newspapers and the same notice was uploaded on <https://www.eproc2.bihar.gov.in> and <http://www.smartcitybhagalpur.org>

The response to Prebid queries is uploaded and published on <https://www.eproc2.bihar.gov.in> and <http://www.smartcitybhagalpur.org> with this corrigendum as Annexure - 1. The other terms and conditions mentioned in RFP remain unchanged.

Note: NIT, RFP, Corrigendum (if any), etc. are also available on the company website <http://www.smartcitybhagalpur.org> for reference purposes only.



Chief Executive Officer,
Bhagalpur Smart City Limited.

ANNEXURE - 1**Reply to the Prebid queries submitted / raised by Companies in Pre-Bid Meeting held on 05.05.2021 through Video Conference.****Work Descriptions: Request for Proposal (RFP) for Illumination of Roads and installation of High mast light at Chowk and Chowk development (Place Making) including operation and maintenance for 5 (five) years under Smart City Mission on Item Rate****NIT NO.: BSCL/High Mast light/2021/57**

Sr. No.	Clause No.	Description as per RFP	Queries/ Suggestions	Reply
1	Volume II/Section 7 - Technical specification-Street Light Luminaire	Disclaimer: The technical specifications provided herein for Illumination of road area as per NBC, IS 456, IS 800,IS-271, IS 5613,IS-7321,IS 732 and other relevant IS codes. In the absence of any definite provisions on any particular issue in the aforesaid specifications, reference may be made to the specifications of Government of Bihar/India which provides the specifications of various items of works which may be taken as minimum and any item of lower specifications shall not be allowed.	Request you to consider "Disclaimer: The technical specifications provided herein for Illumination of road area as per NBC, IS 456, IS 800,IS-271, IS-5613,IS-7321,IS 732 and other relevant IS codes (IS 1944 for streetlighting : Table 1 for classification of lighting installation and levels of illumination) . In the absence of any definite provisions on any particular issue in the aforesaid specifications, reference may be made to the specifications of Government of Bihar/India which provides the specifications of various items of works which may be taken as minimum and any item of lower specifications shall not be allowed."	As Per RFP, All electrical Equipment should conform to their relevant BIS Code .
2	Volume II/Section 7 - Technical specification-Street Light Luminaire	Installation: Luminaire should be fitted on suitable horizontal mounting on arm bracket with dia. of 25 to 27 mm	Request you to consider "Installation: Luminaire should be fitted on suitable horizontal mounting on arm bracket with dia. Upto 60 mm "	As Per RFP, however more diameter is also acceptable.
3	Volume II/Section 7 - Technical specification-Street Light Luminaire	Height of Street Pole 8 m , Luminaries arrangement: Single sides, Staggered, Opposite Direction @ 20m c/c , Compact in shape and size & Uniform light distribution	Request you to share the relevant road sections along with the lighting levels for each of the roads as per IS 1944 .	As Per RFP, However it may change as per site condition.
4	Volume II/Section 7 - Technical specification-Street Light Luminaire	System efficacy shall not be less than 85 lumens/watt	Request you to consider System efficacy shall not be less than 115 lumens/watt nominal for better energy efficiency .	As Per RFP, however more than 85 lumens/watt is also acceptable.
5	Volume II/Section 7 - Technical specification-Street Light Luminaire	High Bright white power LED luminaries	Request you to modify as - Suitable number of High-Power LED >1W<3W LED SMD Chip single etched & single die with optical lens shall be used in the luminaires High Power SMD LED Chips of Cree/Osram / Lumileds/Nichia make shall be used for the purpose, COB or Mid powered Multi Chip LED's shall not be accepted.	As Per RFP
6	Volume II/Section 7 - Technical specification-Street Light Luminaire	Degree of protection: IP65	Request you to consider "Degree of protection: IP66 or above with heat resistant silicon gasketing to withstand 120Km/Hr . The impact resistance (IK rating) should be minimum IK08 or above for mechanical strength ."	Considered
7	Volume II/Section 7 - Technical specification-Street Light Luminaire	Luminaire shall carry minimum three years warranty or 50,000 hr	Request you to modify as - Luminaire shall carry minimum three years warranty . Proposed luminaire should have L70B50 life of 50,000 burning hours .	Considered
8	Volume II/Section 7 - Technical specification-Street Light Luminaire	Junction temperature< 105°C	Request you to consider Junction temperature< 85°C for effective heat dissipation	As per RFP
9	Volume II/Section 7 - Technical specification-Street Light Luminaire	Total Harmonic Distortion Voltage and Current shall be less than 15%	Request you to consider as - Total Harmonic Distortion Current shall be less than 15%	Considered
10	Volume II/Section 7 - Technical specification-Street Light Luminaire	Operating range shall be 140V to 270V	Request you to modify as - Operating range shall be 140V to 270V with High Voltage cutoff & auto restart @320V+15V , Phase to phase 440V protection for 8 hours .	As per RFP
11	Volume II/Section 7 - Technical specification-Street Light Luminaire	Luminaire and Lamp shall be LM79, LM80 compliant respectively	Request you to consider - Luminaire and lamp (LED chip) shall have LM79 , Type test report (from NABL accredited LAB) , LM80 test report respectively and to be submitted during the tender bidding . Valid BIS for Luminaire & driver needs to be submitted during bidding .	As per RFP, However Type test report (from NABL accredited LAB) Shall be submitted before installation
12	Volume II/Section 7 - Technical specification-Street Light Luminaire	Operational temperature: -10C to +50C	Request you to consider - Operational temperature of -10°C to 35°C as streetlight is operated in night time ambience where temperature generally remains within 35 deg C .	As per RFP
13	Volume II/Section 7 - Technical specification-Street Light Luminaire	Luminaire Shall withstand surge protection upto 4 kV	Request you to modify as - Luminaire Shall withstand surge protection upto 4 kV/kA with provision of inbuilt surge protection of 10 kV/kA (DM/CM) as per IEEE .	As per RFP
14	Volume II/Section 7 - Technical specification-Street Light Luminaire	Supply of 40/45 watt LED street light with die cast aluminium housing for ingress protection of IP 6 and complete with all accessories	Request you to consider as - Supply of 40/45 watt LED street light with Finless aluminum PDC (LM6 Alloy) housing for excellent thermal dissipation to assure the long lifetime . The optical cover should be of UV stabilised Polycarbonate . OEM logo to be done by only embossing is allowed, No engraving, Sticker, Screen Printing allowed for brand genuinity .	As per RFP

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15	Volume II/Section 7 - Technical specification- Bollard	LED BOLLARD - IRIS (Cat Ref. LEDBOLLARD00913-IR)9W ,IP65,80LM/W , CCT3000	Request you to consider as Supply, Installation, Testing and Commissioning of LED Ground Mounted Bollard (0.8 m height) with a system lumen output of 300 lumens . The luminaire should have a color temperature of 3000K and CRI>75 . The luminaire shall meet IP65 with heat resistant silicon gasketting & IK10 rating with THD < 20% and PF > 0.9 . The luminaire housing should made of pressure die cast aluminium with polycarbonate diffuser . The total power consumption should not be 8W-10W (including driver). Similar to Philips Make LED BOLLARD II "BCP150 LED3000/WW PSU GR"	Considered
16	General	PQ Criteria for Light Fixture Manufacturer	<p>Requesting to consider as - Bidder should select lighting manufacturer as per the below mentioned minimum qualification criteria with relevant documents proof, bidder should submit letter for authorization and related documents as per below criteria-</p> <p>a)The Applicant must be an Authorized Dealer/Agent/Channel Partner of LED Lighting system manufacturer and submit proposals with-</p> <p>i)Copy of valid dealership certificate/MoU (As per attached format) issued by the LED Lighting System Manufacturer; and</p> <p>ii) Technical Support Assurance or Manufacturer's Authorization letter for the proposed work issued by the original LED Lighting System Manufacturer.</p> <p>b) The Lighting Company should at least be there in Indian market for minimum 10 (Ten) years with their LED luminaire products, Pan India presence, dedicated team of designers , service engineers with a manufacturing /dedicated vendor set up. Should submit proof through CA audited report of operations in India.</p> <p>c) Lighting Company should have average annual turnover of Rs. >400 Crs. per year over the last 3 years with a net worth of at least 100 Crs. In Indian market and should not be a loss-making company during the said period, copies of certificates of Indian Operations, audit reports for last three years shall be submitted through CA audited report & bank certificate for net worth.</p> <p>d) The offered luminaires must have passed LM-79 (from UL/CE/third party international lab/ NABL lab), LM-80 (from LED OEM), IEC60598/IEC60950 (from UL/CE/third party international lab/ NABL lab) for lighting products will be submitted. Soft Copy of Catalogues, Polar Diagrams, IES Files(pdf) of Luminaries . Relevant BIS R Number certificates of the luminaries and F15 submission is mandatory.</p> <p>e) The Lighting Company should give in writing full support for testing & commissioning directly or through Value-Added Partners along-with support on spares.</p> <p>f) Details of the proposed luminaire shall be submitted along with the technical specification details along-with the relevant test reports as requested in Tender documents.</p> <p>g) Agencies/OEMs having a valid ISO certification for the manufacturing process. The Manufacturer needs to have a NABL accredited lab and complete scope of accreditation should be given in the tender.</p> <p>h) Fixtures bringing from China and branding in India and selling (Except LED Chips) will be out rightly rejected. Proof of origin of Products need to be given in the tender. Made in China Products will be accepted only if qualified manufacturer has a factory in China and it is being supplied from there.</p>	As Per RFP, However,all electrical component should conform to their relevant BIS Code. The relevant code may be revised by client provided that the revision don't impact on safety practices and it should not impact on material aspect of the component.
17	Qualification of the Bidder Point No 4.4	Joint ventures are not acceptable.	Kindly request you to please allow us consortium of maximum two parties. So, many company can participate.	As per RFP
18	Qualification of the Bidder Point No.D	The contractor/firm must have satisfactory completed as a prime contractor at least one similar work of value not less than Rs. 1, 58,46,574/- during last five completed financial years between 2015-16 and 2019-20 (work of 90% or more of contract value executed will be taken as completed work). Experience in similar works means:- Construction or Erection of High mast or Street light or erection of Tubular pole, Tower structure, underground cabling work. Basically illumination work for street lighting	Kindly request to please amend this clause as below"The contractor/firm must have satisfactory completed as a prime contractor at least one similar work of value not less than Rs. 1, 58,46,574/- during last five completed financial years between 2015-16 and 2019-20 (work of 90% or more of contract value executed will be taken as completed work). "Similar services" mean experience of executing the street lighting business /Cabling work / E-governance/ Command and Control Centre Civil Work/ Networking/ IT and ITES business/ etc.	As per RFP
19	VOLUME-V Point No 25.	Executed electrical work for a minimum amount of 6% of estimated cost in any one year between 2015-16 to 2019-20	Kindly request to please amend this clause as below" electrical work for a minimum amount of 6% of Command control center any one year between 2015-16 to 2019-20	As per RFP
20	VOLUME-V Point No 46 yo 61	Details of Machineries	Kindly request you to please ask details after award of the contract.	As per RFP

Sd/-
Chief Executive Officer,
Bhagalpur Smart City Limited