

PRE-BID QUERIES & REPLY

Name of work:- Supply, Fitting, Testing and commissioning of 376 number of single arm and 82 numbers of double arm LED street lights and 50 number of LED lights on existing poles and 10 numbers of High mast light having NIT No. BUIDCo/ SIU-7/17/16-57, Date: 30-06-2016

Sl. No.	Ref. No.	Description	Bidder's Query	BUIDCo's Reply
1			In the Tender Notice Point - (5) Bidder Eligibility, you have mentioned Specific Work Experience criteria for Patna as one contract of at least Rs. 29.70 Lakh. Please clarify whether it is meant to have specific project experience in Patna area or work completion experience in any state will be accepted.	The bidder should have successfully completed at least one similar nature and size of work anywhere in India having work value not less than 29.70 Lakh within a period of last five (5) years. The term "similar nature works contract" will mean Outdoor(High Mast)/LED Street Lighting Works Contract.
2			Please consider Projects completion done in any state in India for experience criteria.	Please refer reply at sl. No. 1
3			As per our experience, for the tenders of Government projects, the eligibility criteria work experience for the bidder is normally. One Similar work which is 80% of estimate project cost (i.e. 2.36 Cr.) two similar works each values 60% of estimate project cost (i.e. 2 projects values 1.77Cr. or above) and three similar works each value 40% of estimate project cost (i.e. 3 projects values 1.18 Cr. or above). Request you to consider the same and do the needful.	Please refer reply at sl. No. 1
4			Technically, Feeder Pillars are required for Street Lighting Projects. But this item is not included in the Tender BOQ.	Bid document provision stands
5			The proposed completion schedule for the above work as per tender document is 03 (Three) months. This period (03 Months) is very short period as the manufacturing of poles and other related items will take 01 month. Hence we request you to extend completion time limit.	Bid document provision stands
6			Please confirm weather "Bonus" will be paid if the work is completed before the completion schedule. (Most of the Govt. agencies pay bonus and also provides appreciation certificate, if contractor completes allotted work before the completion time limit).	Bid document provision stands
7			Please Modify payment terms as, 58% (Percent) of payment on supply of equipment at site. 10% (Percent) on completion of erection. 5% (Percent) after successful testing and commissioning of equipment.	Bid document provision stands
8	Page 13 / point 5.1	5.1 TECHNICAL QUALIFICATION CRITERIA: General Experience: They should have experience in similar nature and size works contract for each of the last five years in the role of contractor prior to the bid submission deadline. The term "similar nature works contract" will mean Outdoor/Street Lighting Works Contract. Specific Work Experience: The bidder should have successfully completed at least one similar nature and size works contract as given below over a period of five (5) years ending on deadline for bid submission. Specific Work Experience Requirement For Patna One Contract of at least Rs.29.70 Lac.	General Experience : They should have experience in similar nature and size works contract in for each the last five years in the role of contractor prior to the bid submission deadline. The term "similar nature works contract" will mean Outdoor/Street Lighting Contract. Specific Work Experience : The bidder should have successfully completed at least one similar nature and size works contract as given below over a period of five (5) years ending on deadline for bid submission. Specific Work Experience Requirement For Patna India One Contract of at least Rs.29.70 Lac.	Please refer reply at sl. No. 1
9	Page no 21 point 13	Technical Qualification Criteria: General Experience: They should have experience in similar nature and size works contract for each of the last Five years in the role of contractor prior to the bid submission deadline. Specific Work Experience: In the event bidder is a contractor the contractor must furnish latest authorization letter from the manufacturing LED Street Light brand to participate in this tender, each LED Street Light and High Mast Light manufacturing brand can only authorized one intending contractor to participated and bid for the subject job. Apart from bidding contractor past experience for similar nature of job, authorized LED Street Light and High Mast Light brand credential can be also considered to qualify eligibility criteria of the bidder in the event bidder is a contractor. The bidder as main contractor should have successfully completed at least one similar nature and size works contract as given below over a period of five(5) years ending on deadline for bid submission. Specific Work Experience For Patna City One Contract of at least Rs.29.70 Lac. In support of above experience criteria, the Bidder shall submit the documents and information, which will include the copy of contract/ work order, completion certificate, reference on past performance etc, required to demonstrate that the Bidder meets the above requirements.	Manufacture's similar work credentials shall be considered. Technical Qualification Criteria: General Experience: They should have experience in similar nature and size works contract for each of the last Five years in the role of contractor prior to the bid submission deadline. Specific Work Experience: In the event bidder is a contractor the contractor must furnish latest authorization letter from the manufacturing LED Street Light brand to participate in this tender, each LED Street Light and High Mast Light manufacturing brand can only authorized one intending contractor to participated and bid for the subject job. Apart from bidding contractor past experience for similar nature of job, authorized LED Street Light and High Mast Light brand credential can be also considered to qualify eligibility criteria of the bidder in the event bidder is a contractor. The bidder as main contractor should have successfully completed at least one similar nature and size works contract as given below over a period of five(5) years ending on deadline for bid submission. Specific Work Experience For Patna City India One Contract of at least Rs.29.70 Lac. In support of above experience criteria, the Bidder shall submit the documents and information, which will include the copy of contract/ work order, completion certificate, reference on past performance etc, required to demonstrate that the Bidder meets the above requirements.	Please refer reply at sl. No. 1. For other points, BD provision stands.
10	Page 19 point 3	Supply and fitting of LED Luminaires as per specifications with minimum Three (3)Three year Guarantee against satisfactory performance wrt to Lux levels as specified	Supply and fitting of LED Luminaires as per specifications with minimum Three (3) Three Five (5) year Guarantee against satisfactory performance wrt to Lux levels as specified	Bid document condition prevails.
11	Page 46	Supply fitting of Luminaires as per specifications with minimum Three (3) years Guarantee against satisfactory performance wrt to Lux Level as specified.	Supply fitting of Luminaires as per specifications with minimum Three (3) Five (5) years Guarantee against satisfactory performance wrt to Lux Level as specified.	Bid document condition prevails.

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12	Page 51 / point 6.3	LED Specification – Light fixture will be IP 66 protected L M6 high pressure aluminium dia cast housing capable of delivering a normal system lumen output of 6.9 K lumens. The maximum wattage should not less than 72 watt including all losses minimum system efficiency will be 95 lumen/wall. The Lumen shall have life cycle of 50,000 Burning hours@ L70 for a design ambient of 35 Deg. C and drive efficiency of > 85% Manufacture name to be embossed/engaged on the luminaire. Luminaire and driver should be from the same manufacturer.	LED Specification – Light fixture will be IP 66 protected L M6 high pressure aluminium dia cast housing capable of delivering a normal system lumen output of 6.9 K lumens. The maximum wattage should not less than ≤ 72 watt including all losses minimum system efficiency will be 95 lumen/wall. The Lumen shall have life cycle of 50,000 Burning hours@ L70 for a design ambient of 35 Deg. C and drive efficiency of > 85% Manufacture name to be embossed/engaged on the luminaire. Luminaire and driver should be from the same manufacturer. Justification : Being an Energy efficacy project, for 10-15 avg lux on road, Manufacture should be free to give best energy efficient light for required avg lux level as mentioned in tender	Bid document condition prevails.
13	Page 66/ point - s. no. 2	SITC Street Light fixture, 72 W LED	SITC Street Light fixture ≤ 72 W LED	Bid document condition prevails.
14	Page 66/ point s. no. 10	72 W LED Light with Arm on Existing Pole, Single Arm	≤ 72 W LED Light with Arm on Existing Pole, Single Arm	Bid document condition prevails.
15	Page 51/ point 6.3	Internal surge protection will be 3 kv. Pressure dia cast housing with toughened flat glass/pole carbonate cover. Luminaire should be suitable side entry for diameter of 48-60mm.	Internal surge protection will be L-L : 4KV, L-N : 6KV - IEC 61000-4-5 level-4. Pressure dia cast housing with toughened flat glass/poly carbonate cover. Luminaire should be suitable side entry for diameter of 38-60 mm.	Bid document condition prevails.
16	Page 53/point 6.5 (1)	i. LED street lighting systems Following shall be the minimum key features of LED street lighting systems: ☑ The total Luminaire (both Optical & electrical Compartment) should be confirming IP 65/IP 66 protection. Colour Rendering Index (CRI) shall be > 65 ☑ Driver shall be of variable current type (inbuilt) compatible for programmable Dimming action. ☑ Power driver should have Surge protection (up to 4KV), Short circuit & Overload protection.	The Street/flood light total Luminaire (both Optical & electrical compartment) should be confirming IP 66 protection. Colour Rendering Index (CRI) shall be > 65 70 Driver shall be of variable current type (inbuilt) compatible for programmable Dimming action. Power driver should have surge protection (up to 4kv) L-L : 4kv, L-N : 6kv - IEC 61000-4-5 level Short circuit & Overload protection.	i. LED street lighting systems Following shall be the minimum key features of LED street lighting systems: ☑ The total Luminaire (both Optical & electrical Compartment) should be confirming IP 66 protection. Colour Rendering Index (CRI) shall be > 70 ☑ Driver shall be of variable current type (inbuilt) compatible for programmable Dimming action. ☑ Power driver should have Surge protection (up to 4KV), Short circuit & Overload protection.
17	Page 68/Point - s. no. 3	Supply & Installation of 300 Watt LED floodlight/suitable wattage of flood light for light output 16000 (Tolerance can be +/-5%) luminaries of 8 fitting and its control gear boxes along with other accessories if any.	Supply & Installation of 300 Watt LED floodlight/suitable wattage of flood light for light output 16000 33000 (Tolerance can be +/-5%) luminaries of 8 fitting and its control gear boxes along with other accessories if any. There shall be a provision for at least one level stepping down in the flood light for power saving after peak hours.	The wattage mentioned for LED floodlight is 300 watt/ suitable watt for light output atleast 16000 lumen (Tolerance can be +/- 5%) on ground. Luminaries of 8 fitting and its control gear boxes along with other accessories if any. Bid document condition prevails.
18			LED light addition key features : Nominal CCT - 5665 + 355 K as per ANSI standard - Pressure equaliser / memberment -Silicon pottion on PCB for ensuring better moisture protection. IK rating - 08 Over Temperature Protection : Hiccup mode. Operating Temperature 0 C - + 50 C	Bid document condition prevails.
19			LED Street Light Driver Features * High Efficiency (>85%) * APFC (Typical 0.95) * Constant Current Output *All-Around Protection : OVP, SCP, UVLO, OTP * LED Short/Openh Protection *Potted with Silicon Material ensure High Reliability	Bid document condition prevails.
20			LED Street Light Driver shall comply with EMC compliance EN 55015/CISPR 15 Conducted emission Test EN 61000-3-2 Harmonic current emissions EN 61000-4-5 Surge Immunity Test EN 61000-4-11 Voltage Dip EN 61000-4-2 Electrostatic Discharge (ESD) : 8KV air discharge, 4KV Contact discharge Hi-Pot Test >1.5 KV for 1 Minute Insulation Resistance Test 4000 MOhm RoHS Compliance Shall comply	Bid document condition prevails.
21			There is no mention of EMD Exemption for NSIC registered members. Please allow EMD Exemption for NSIC & SSI members.	For exemptions rule regarding NSIC & SSI registered companies of GOI/ GOB will be applicable.
22		In tender one of the condition is as below – General Experience: They should have experience in similar nature and size works contract for each of the last five years in the role of contractor prior to the bid submission deadline.	It should be changed to - General Experience: They should have experience in similar nature and size works contract for last three years prior to the bid submission deadline.	General Experience: They should have experience of at least one similar nature of work amounting Rs. 29.70 Lakh in last five years in the role of prime contractor.
23			In page no 4 of your tender document you have mentioned that Joint venture is not allowed. Now we would like to inform you that we are the manufacturer of LED lighting systems and we have a channel partner who will quote on behalf of us. If you allow Joint venture then we can propose you a cost effective solution as per your requirement.	Bid document condition prevails.

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24			As per the page no 11 you have also mentioned that the bidder should have successfully completed at least one similar nature and size works contract worth Rs. 29.70 lacs in Patna City. However, we understand that your work will be executed within Patna city, but the quality of work should be evaluated in basis of the capability of the bidder whether they can execute the job or not. In light of the above we request you to amend the work experience location "In any city of the Bihar" instead of Only "Patna".	Please refer reply at sl. No. 1
25			Also as per your detailed technical specification of High Mast you required 8 nos of 300W LED flood light at 16 meter high mast. In view of this we would like to inform you that from 16 meter height 300W LED flood light would produce nothing but excessive light and glare. As per national lighting code from 16 meter height 160-200W LED flood light can meet the requirement of lighting. Also a quite amount of energy will be saved for that. Therefore, we would request you to kindly amend the specification of "300W LED flood light" to "180W LED Flood light +/- 10% tolerance".	Bid document condition prevails.
26			As per your financial bid we understand we have requirement of both street lighting work and High mast lighting. But we would like to know whether the financial evaluation will be done separately i.e. for Street lighting work and High mast work. Also please let us know if the order is been split up at the time of order placement.	Financial evaluation will be done on the total price quoted by bidder on both items.
27			Form Fee: There is a column for form fee exemption in Eproc website but no clause for it in the tender document/ RFP. What is the eligibility to avail the form fee or any other exemption?	Refer reply at sl. No. 21
28			LED High Mast Light Technical Specification: Can (02*150w) LEDs be used as a alternative of (01*300w) LED?	Bid document condition prevails.
29			In the NIT it has been stated that bid processing fees (Beltron) of Rs. 5,725/- is to be paid through online mode i.e. Internet payment gateway (Credit/Debit Card), Net Banking, NEFT/RTGS. Request : Please provide the name of the beneficiary and the bank account details for NEFT/RTGS of Rs. 5725/-	As per portal of E-proc Bihar, www.eproc.bihar.gov.in
30			Clause 11 of Section 2, INSTRUCTIONS TO BIDDERS OF REQUEST FOR PROPOSAL (RFP) mentions that the "Works shall be completed in its entirety within 3 months". Since there are many manufacturing items (e.g. 458 nos. Octagonal Poles, Lighting Masts), 3 months time completion time is very short as manufacturing of such items can only be taken up after the approval of the manufacturing drawings by BUIDCo. Request : Kindly extend the completion period to 6 months.	Bid document condition prevails.
31			Validity of the Bank Guarantee words Bid Security : Annexure A' Form of Bid Security Bank Guarantee) mentions "This Guarantee will remain in force up to the including the date 28 days after the date of expiration of the Bid validity, as stated in the Instructions to Bidders". The Bank issuing the Bank Guarantee shall give the specific date of validity instead of general statement "This guarantee will remain in force up to and including the date 28 days after the date of expiration of the Bid validity, as stated in the Instructions to Bidders". The SECTION 2 - INSTRUCTIONS TO BIDDERS, Clause 4.1 mentions that "A Bidder is required to deposit, along with its Bid, a bid security equivalent amount specified in the Data Sheet, the Bid Security may be in the form of an unconditional and irrevocable Bank Guarantee or a Demand Draft Drawn in favour of Managing Director, Bihar Urban Infrastructure Development Corporation Ltd. (BUIDCo) from a scheduled Commercial Bank in India payable at Patna. The format of the Bank Guarantee is attached as Annexure - A. In case of Bank Guarantee, the validity period of the Bank Guarantee shall not be less than 148 (One hundred and forty eight) days from the bid due Date and may be extended as may be mutually agreed between BUIDCo and the Bidder from time to time. Request : It is presumed that the validity of the Bank Guarantee shall be 148 days after 20.07.2017 (last date of on-line bid submission) i.e. upto 17.12.2016 with a claim period of 28 days thereafter. Please confirm that our understanding is correct.	Bid security should be valid upto 31st Dec 2016 and beyond this date.
32			FORM F12 : SUMMARY OF COST Under Sl. No. 4 of 'Bill of Quantities for Patna City - 10 numbers High Mast Light' it has been mentioned "supply of single dome aviation obstruction lights with two one no 100 W GLS lamps". As per the modern practice the Aviation Obstruction Lights are provided with LED Lamps and not GLS Lamps. Request : Please amend the relevant item replacing " GLS Lamp" by LED Lamp"	Instead of 100 Watt GLS, LED lamp of same illumination may be considered.
33			SECTION 6 : (TERMS OF REFERENCE) Sl. No. 2 - SCOPE OF WORK MENTIONS AS UNDER: "The scope of work and the bill of quantities given in this tender document are indicative and the contractor is responsible for the proposed LED Street Light Scheme & High Mast Light Scheme & High Mast Lighting Scheme and final approval of the scheme and BOQ by the Engineer." It also mentions "The contractor/Bidder's scope would include the following major activities: Supply and installation of 8 mtr. of octagonal Hot Dip Galvanized Street Lighting Pole with Single and double arm as per specifications. The distance between 2 Poles shall be 30m. Clause 6.5 (SPECIFICATIONS) mentions that: Following shall be the minimum key features of LED Street Lighting systems: The LED Street Lighting System shall be designed as per IS-1944 (Part I and II)-Amendment No.-2. The Lux level between two adjacent poles shall be maintained at 10-15 lux. Request : Please clarify whether the design of the LED Street Lighting System to maintain lux level between 10 to 15 is under the scope of the bidder. If so, after the Dialux Design the pole spacing of 30mtr. as mentioned in the bid document may differ from 30mtr. and the quantity of the poles may also differ accordingly.	Bid document condition prevails.

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34			BANK Certificate The bank is not agreeable to provide the project specific bank certificate in the format given in the bid document. They are agreeable to provide the solvency certificate which will non-project specific. Request: Please confirm that whether the solvency certificate issued by the bank in please of bank certificate as per the format provide in the bid document is acceptable.	Bid document condition prevails.
35			Quantity of Smtr Pole Serial No. - 1, 2, 10 (As per BOQ)	In High Mast SOQ, the unit for sl. 10 may be read as RM.
36			About EMD Exemption	For exemptions rule regarding NSIC & SSI registered companies of GOI will be applicable.
37			Electrical Licence of Haryana State Valid.	Electrical licence of all over India will be valid but before LOA the Electrical Licence of Bihar state is mandatory.
38			Time limit of work.	Bid document condition prevails.
39			Balance Sheet of Last Three Years Mission 2015-16 is not mention.	The last three financial year will be as mentioned below: a) 2015-2016 b) 2014-2015 c) 2013-2014
40			We Need to submit undertaking for investing 74 lakh. This shall be submitted in which from DD or BG.	Bidder is required to submit undertaking with regard to investment capability for Rs. 74.22 Lakh on prescribed format.
41			This tender BOQ Buled, Qty shall be as indicated in the Tender only, we shall not carry any lighting design in this.	Bidder to execute the work as per BOQ but it may increase or decrease as per site condition.
42			Regarding Electrical Licences, it will be applicable for other state also.	Please refer reply at sl. No. 37
43			In High Mast Specification which capacity is 3.65 kg or 4.65 kg, it is not fissible.	Bid document condition prevails.
44			After Clarification of this query, time of uploading or submission of hard copy is very less. Required time extension for this.	The last date of bid submission is extended upto 23.07.2016. Please refer corrigendum - 2.
45			As per the NIT the last date and time of uploading the bid is 20.07.2016 up to 04:00 PM and the last date and time for submission of hard copy of bid is 22.07.2016 up to 03:00 PM. Since we along with other intending bidders have submitted you the "pre-bid" queries in today's (18.06.2016) pre-bid meeting, it would be very difficult for us to upload the bid by 20.07.2016 up to 04:00 PM after taking care of the amendments to be issued by you in the light of the "pre-bid" meeting. Under the circumstances we request you to kindly extend the bid submission dates as below. 1) The last date and time of uploading the bid: 03.08.2016 up to 04:00 PM 2) The last date and time for submission of hard copy of bid: 05.08.2016 up to 03:00 PM	The last date of bid submission is extended upto 23.07.2016. Please refer corrigendum - 2.
46			please note that downloading of document had started on 14.07.2016 and pre bid meeting was held on 18.07.2016. Also as per your issued corrigendum the online submission due date of the tender is 20.07.2016. In view of the above we further request you to kindly extend the due date and time for at least seven days for participation in your above prestigious tender.	The last date of bid submission is extended upto 23.07.2016. Please refer corrigendum - 2.
47			For Street Light. 1. In tender document the distance between pole & lux level requirement is mentioned. The width of the road, uniformity etc. is not mentioned, pls provide the same this will help us to select proper luminaire. 2. In Operation & Maintenances work, the power supply shall be provided by M/s Buidco, pls clarify. 3. Also power supply up to our Lighting panel & its termination materials shall be provided by M/s BUIDCO, pls clarify. 4. Tilt Angle of Bracket is not Mention in tender Document, pls clarify. 5. Cable Laying through HDPE PIPE / Duct. Not Mentioned in Tender and No such item it BOQ, pls clarify. 6. Road crossing of Cable through GI Pipe / DWC Pipe Not Mentioned in Tender and No such item it BOQ, pls clarify. 7. Excavation in all kind of soil for laying of cable & providing layer of brick and back filling the excavated earth (0.5m wide x0.75m depth) BUT sit having No Soil it has to be done on RCC, Kindly clearly.	The reply is as under: 1. Bidder to visit the site for information required for sl. No. 1. 2. Power supply shall be provided by SBPDC. Scope of bidder is to help ULB in getting Power connection. The power connection cost shall be borne by bidder itself. 3. SBPDC to provide power supply to the lighting panel. 4. Bid document condition prevails. 5. Bid document condition prevails. 6. Bid document condition prevails. 7. Bid document condition prevails.
48			For High mast Lighting System :- 1. For 16M High mast Light Fixture is Mentioned is 300 Watt LED floodlight/suitable wattage of flood light for light output 16000. Kindly confirm the Wattage?. If you ask for 16000 Lumen output then it can be achieved by 180W / 160W LED Flood Light. 2. Kindly confirm the Lux Level Require for Illumination so that proper Wattage can be Quoted. 3. One Side we are asking for LED Light and Another Side we are Asking for single dome aviation obstruction lights with two one no 100 W GLS lamps. It is also available in LED. Kindly confirm the Requirement.	The reply is as under: 1. The wattage mentioned for LED floodlight is 300 watt/ suitable watt for light output atleast 16000 lumen (Tolerance can be +/- 5%) on ground. Luminaries of 8 fitting and its control gear boxes along with other accessories if any. Bid document condition prevails. 2. Bid document condition prevails. 3. Instead of 100 Watt GLS, LED lamp of same illumination may be considered.
49			Bill of Quantities for Patna City - 376 Numbers of single arm & 82 number of double arm LED street light & 50 numbers of LED light on exiting poles. Boq item nos.3:- makers name of octagonal pole not found. Boq item nos.3:- makers name of cable not found. Boq item nos.5:- makers name & Rating for Incomer & outgoing of MCB & contactor not found.	Bid document condition prevails.
50			Bill of Quantities for Patna City - 10 numbers High Mast Light. Boq item no.1:- makers name of high mast not found Boq item no.4:- makers name of aviation light not found Boq item no.5:- maker name of MCB , contactor , timer not found rating of outgoing MCB not found.	Bid document condition prevails.

Sl. No.	Ref. No.	Description	Bidder's Query	BUIDCo's Reply
51			The Wattage Light fitting (i.e. 300W LED Flood) selected from the Highmast of 16 mtrs are on higher side. The suitable flood light fitting should have been maximum of 200 Watt.	The wattage mentioned for LED floodlight is 300 watt/ suitable watt for light output atleast 16000 lumen (Tolerance can be +/- 5%) on ground. Luminaries of 8 fitting and its control gear boxes along with other accessories if any. Bid document condtion prevails.
52			The Tender should be bifurcated in two tenders separately i.e. one for supply part and the other for the instalation and commissioning part alongwith the maintenance part.	Bid document condtion prevails.
53			Since today the prebid has been done, it will be difficult to submitted and arrange for numbers of documentations of timely submission of onlune tender by 20.7.16. Time is short and hence a minimum 10 days extention should be given from the date of ussuance of corrigendum, for timely participation in tender.	Bid submission date extended upto 23.07.2014 till 04:00 PM. Please refer corrigendum - 2.