

**REGD.**  
From

The Director General, Supplies & Disposals, Haryana,  
S.C.O. No. 09 (1<sup>st</sup> & 2<sup>nd</sup> Floors), Sector-16, Panchkula.  
Tel. Nos. 0172-2570121-124.  
Fax No. 0172-2570121, E-mail: [supplies@hry.nic.in](mailto:supplies@hry.nic.in)

To

1. M/s Bajaj Electricals Ltd,  
45/47, Veer Nirman Road,  
Mumbai- Email :- [sashish@bajajelectricals.com](mailto:sashish@bajajelectricals.com)
2. M/s Surya Roshni Ltd  
Prakash Nagar Sankhol,  
Bahadurgarh Email:- [ajhanwar@surya.in](mailto:ajhanwar@surya.in)  
MB. No. 9873925477

Memo No :- 46/HR/RC/E-5/2022-23/  
Dated Panchkula the:-

**Sub:-** Two Year Rate Contract of LED Street Lights of various wattages with 5 years warranty for the municipalities in the State of Haryana by Urban Local Bodies Haryana, Panchkula (Sr. No. 05).

Dear Sir,

With reference to your Tender No. & dated and this office acceptance letter No. & Dated and your letter No. and Dated given in Schedule "A", on the subject noted above, I have to inform you that your offer has been accepted for the supply of stores to the terms & conditions given in the Schedule "A" and "B".

2. I enclose herewith an agreement form in duplicate and request that the agreement may be executed on a non-judicial stamp paper of Rs.15/- signed and returned to this office within 10 days from the date of issue of this letter. One copy of the agreement will be sent to you duly executed on behalf of Governor of Haryana for your record. You may kindly send power of attorney in favour of the person/persons who is/ are authorized to signed the agreement together with/their specimen signature duly attested by a Magistrate or Oath Commissioner or Resolution of the firm authorizing the persons to sign the documents on behalf of the firm.

3. The Contract shall come into force from the date of its issue and shall remain operative upto i.e 02.05.2025. Government reserves the right to bring any other party on the rate contract at any subsequent stage during the pendency of this rate contract.

4. The store must confirms to the approved specification as given in Schedule "A" attached, failing which the same shall be rejected at your risk and cost.

5. The inspection of the material will be carried out by the Indenting Officers or their authorized representatives at your premises before dispatch.

6. The supply must be completed within the stipulated delivery period failing which the risk purchase will be affected against you and the excess cost thus incurred will be

recovered from you. Delayed supplies shall be accepted under penalty clause of the Schedule "B" unless the delivery period is extended by the competent authority.

7. The Director, Supplies & Disposals, Haryana reserves to himself the right to obtain contracted items of stores when available from any Govt. Deptt./ approved source without prejudice to this contract.

8. Failure to execute agreement/effect supplies within the stipulated period, repeatedly offering supplies liable to rejection or without prior inspection may render your earnest money/security liable to forfeiture, debarring your firm in addition to other remedies as available under the terms of the contracts.

9. All cases, where payments are not made within time, should be referred to this office for taking necessary action against the defaulters.

10. Your attention is particularly invited to the provision of Schedule "B" regarding the compliance with requisitions, preparation and submission of bills and quarterly submission of statement of supplies.

11. **PRICE FALL CLAUSE:-** The price charged for the stores shall not exceed in any way the lowest price at which you quote/supply the stores of identical description of stores to DGS&D, New Delhi/State Govt./Central Govt./Institutions/ undertaking/any other person during the delivery period/currency period of the rate contracts. If at any time during the delivery/currency period, you reduce the rate, sale price of quoted stores to any person at the price lower than the price chargeable under this supply order/contract, you are required to inform this office and price payable under the supply order/contract for the stores supplied after the date of coming into force of such reduction of rates shall stand correspondingly reduced to that level. You shall promptly notify the reduction of rates to this office as well as to concerned Indenting Officers/ Consignees. You shall also give a certificate on your bills that the rates charged by you are not in any way higher to those quoted to the DGS&D, New Delhi and other State Govt. Central Govt. Institutions etc. during the corresponding period. The Indenting Officer shall be required to ensure that requisite certificate is given by the concerned firm on the bills before releasing their payments.

12. All disputes will be settled only within the jurisdiction of Head Quarters of the Directorate of Supplies & Disposals, Haryana, Panchkula.

Please acknowledge the receipt of this letter.

Yours faithfully,

  
Deputy Director

Director General, Supplies & Disposals,  
For & On behalf of Governor of Haryana

Dated:-

Endst. No- 46/HR/RC/E-5/2022-23/

A copy of Schedule 'A' showing the prices accepted along with conditions of supply (ii) Schedule "B" i.e. conditions of contract are forwarded to the Director, Urban Local Bodies Haryana Bay No. 11-14, Sector-4, Panchukula w.r.t. their Indent No. EE-III/DULB/2022/ 6818 dated 02.12.2022 for information and necessary action.

1. He may indent for the requirement of the goods included in the Schedule "A" attached direct on the approved contractors under intimation to this office.

2. The security deposited by the firms would be released after two months of the termination of the contract and he is therefore, requested to send the complaints, if any,

against the contractors to this office within this limit for settlement, failing which no complaint or claim will be entertained.

3. The Inspection shall be arranged by the Indenting Officer/Consignees or their authorized representatives at destination before releasing the payment of the supplies. The stores should be accepted only after satisfactory inspection and issue of proper inspection note showing the acceptance of the material as per approved specifications.

4. Please report all cases in which contractor fails to effect supply within the delivery period stipulated in the Schedule "A" after the expiry of stipulated delivery period to this office for effecting purchase at the risk and cost of the contractors failing which all responsibility will rest with Indenting Officers/Consignees for not effecting risk purchase within prescribed period.

Endst. No- 46/HR/RC/E-5/2022-23/ 819

A copy is forwarded to the following for information & necessary action:-

1. The Deputy Excise & Taxation Commissioner, Mumbai.
2. The Deputy Excise & Taxation Commissioner, Bahadurgarh.

They are requested to ensure that the GST is paid by the firm to government against this rate contract.

Endst. No- 46/HR/RC/E-5/2022-23/

A copy is forwarded to the following for information and action:-

1. The Accountant General (Audit), Haryana, Sector-33, Chandigarh.
2. The Controller of Stores, Punjab, Chandigarh.
3. The Controller of Stores, Himachal Pradesh Nigam Vihar, Shimla.
4. The Controller of Stores/Director of Industries and Commerce, J&K, Shrinagar.
5. St. Section O/o DGS&D, Haryana.
6. Programmer O/o DGS&D, Haryana.
7. Departmental Processing Charges branch o/o DGS&D, Haryana

Deputy Director  
Director General, Supplies & Disposals,  
For Director General, Supplies & Disposals, Haryana

**SCHEDULE - "A"**

Accepted rates of M/s Bajaj Electricals Ltd, 45/47, Veer Nirman Road, Mumbai. Email :- sashish@bajajelectricals.com, offer No. Nil dated 13.01.2023 and your letter dated 31.03.2023, this office acceptance letter No. 477 dated 20.04.2023 & your letter No. BEL/ULB/0305 dated 03.05.2023.

Sr. No.	Name of Items	Qty. in Nos.	Rates in Rs. per number, Inclusive of all taxes/duties, GST, FOR Destination
1	20 Wattage LED lights with 5 years warranty	50000	Rs. 1,144.84
2	36 Wattage LED lights with 5 years warranty	44000	Rs. 2,209.31
3	45 Wattage LED lights with 5 years warranty	40000	Rs. 2,694.41
4	60 Wattage LED lights with 5 years warranty	18000	Rs. 3,714.36
5	72 Wattage LED lights with 5 years warranty	18000	Rs. 4,286.76
6	90 Wattage LED lights with 5 years warranty	18000	Rs. 5,526.43
7	120 Wattage LED lights with 5 years warranty	6000	Rs. 7,424.08
8	150 Wattage LED lights with 5 years warranty	4000	Rs. 9,077.74
9	200 Wattage LED lights with 5 years warranty	2000	Rs. 13,587.70

**DETAILED TECHNICAL SPECIFICATIONS****TECHNICAL SPECIFICATIONS OF LED street Lights**

TYPICAL SPECIFICATIONS OF LED STREET LIGHTS		
Sl. No.	Type of Test/specification	Proofs/Report to be submitted
1	Lamp Operation Mode ON, OFF Light Source High Power SMD LED $\geq$ 1W	Technical Data
2	For Smart LED Light Lamp Operation Mode LED ON, OFF & DIM Light Source High Power SMD LED $\geq$ 1W Usage Hours Dusk to dawn (12 hours)	Technical Data
3	Life span of LEDs used in the Luminaire shall be $0 >$ 50000 hours. @l L70	LM-80/IS16105, LM70& TM 21 Test Report; test report including technical data sheet of LED Chip from ILAC/MRA/KOLAS/NVLAP/EPA/ OSRAM/ PHILIPS LUMILEDS / CREE (USA)/ NICHIA International Certifying Agencies
4	Color rendering index (CRI) of the LEDs used in the luminaire shall be $\geq$ 70	
5	LED chip efficiency shall be more than 135 Lumens/watt at Tj 85° C (Manufacturer shall submit the proof - LED Technical Data Sheet to be submitted) System Efficiency $>$ 120 L/w	
6	Junction Temperature (Tj) should be $<$ 85°C	It should be less than the value at which LM80 (IS16105) data published.

**TYPICAL SPECIFICATIONS OF LED STREET LIGHTS**

Sl. No.	Type of Test/specification	Proofs/Report to be submitted	
7	Photo Biological Safety Report for the LEDs as per IEC 62471 and blue light assessment as per IEC/TR 62778 - Ed. 1.0	IEC 62471 & IEC/TR 62778 - Ed. 1.0 Test report	
8	Color temperature of the luminaire shall be in the range of nominal 5000K to 6000K (CCT as per ANSI)	LM 79/IS 16106-2012 from NABL certified	
9	The distribution of luminaries' illumination (control of distribution) shall be based on the type of road as per BIS standard IS1944 refer table from NLC for Road category.		
10	Power factor $\geq 0.95\%$ with APFC		
11	System Efficacy (lumen/watt) Shall be $>120$ lumen/watt, System lumen output supported by LM79 report shall be submitted.		
12	CRI of Luminaries $\geq 70$		
13	Light Uniformity Ratio ( $E_{min}/E_{avg}$ ) shall be as per IS 1944 based on the category of road	Test report from NABL Accredited Lab	
14	The luminaries' light output (lumen) shall be constant. The voltage variations/fluctuations in the specified voltage range shall not impinge upon the lumen it produces. Maximum $\pm 2\%$ is allowed throughout in the input operating voltage range		
15	Driver shall be fully potted and should have a power factor $\geq 0.95$ , and THD $< 10\%$ with minimum inbuilt surge protection of internal 4kV / amp; external 10kV. The driver should be suitable for an operating voltage range of 140-270V AC, cut-off at $< 300V$ AC, and self-restore. The driver should sustain up to 8 hours at 440 V AC.		
16	Total Harmonic Distortion: $< 10\%$ THD - Test Method IEC:610003-2		
17	LED Drive current up to or $< 1000$ mA		
18	LED driver efficiency $\geq 85\%$		
19	Luminaire Body Temp should not exceed 30 deg. C from ambient (45 deg.c) with tolerance of 10deg.C after 24 Hrs		
20	Heat dissipation/heat sink: Well-designed thermal management system with defined heat sink		LM 80 report at which life $> 50000$ hrs
21	The luminaries shall be single piece pressure die-cast aluminum housing with corrosion-resistant powder coating conforming to ensure IP 66, and IK 07 protection		TPL NABL Accredited Lab as per IS:10322-part 5 Sec-3 /IEC:60598-2-3
22	Luminaire shall have a separate optical and driver compartment.		
23	The luminaries shall be built in such a way that it can withstand a wind speed of 150Kmph. The manufacturer shall furnish NABL accredited lab report supporting the same. (Impact		

TYPICAL SPECIFICATIONS OF LED STREET LIGHTS			Proofs/Report to be submitted
Sl. No.	Type of Test/specification		
	resistance >= IK07)		
24	Fixture cover - "Non-Yellowing polycarbonate optics cover" or UV resistance Non Yellowing polycarbonate / PMMA / toughened optics cover be required with proper IP66 provision. The lens should be mechanically fixed, and fixing by glue is not acceptable		Declaration by manufacturer Certificate
25	Frequency	50Hz +/- 3%	Declaration by manufacturer Certificate
26	Operating temperature	Range: -10C to +50C	TPL NABL Accredited Lab as per IS:10322-part 5 Sec-3
27	Protections	IP65, Surge protection of 10 kV, IEC61000-4-5	Certified by NABL Accredited Lab/in-house lab
28	Working humidity	Preferred 100%, and not less than 95% RH	Certified by NABL Accredited Lab/in-house lab
29	Conformation standards of luminaries (Test reports of luminaries)	The luminaries should conform to IEC 60598/ IS:10322 The luminaries should be tested as per IEC 60598-2-3:2002/ IS:10322 Part 5 Sec-3 standards, and the following test reports should be submitted: Heat Resistance Test, Thermal Test, Ingress Protection Test, Drop Test Electrical / Insulation Resistance Test, Endurance Test, Humidity Test, Photometry Test (LM79 report), Vibration Test	From the NABL Certified TPL Test report TEST REPORT as per IS:10322-part 5 Sec-3 /IEC:60598-2-3
30	Finish	Aesthetically designed housing with grey color corrosion-resistant polyester powder coating	Declaration by manufacturer Certificate
31	Luminaries configuration / technical requirement	Side entry type. Shall consist of separate optical and control gear compartments. It should be easily replaceable in the field condition.	Declaration by manufacturer Certificate
32	Compliance	RoHS /CE/ERTL/ERDI	CONFIRM
33	Surge Protection	External Surge protection of minimum 10kV/ 5 kA to be separately installed with each fixture	As per ANSI C 136.2-2014
34	All the types of test/specification of LED STREET LIGHTS mentioned in the above table from point number 1 to 33 to be supported.		All corresponding proofs/reports mentioned in the above table from point number 1 to 32 to be submitted.
35	All luminaires should be connected to earth potential by yellow-green wire as per IS:3043		Declaration by manufacturer Certificate

LIST OF APPROVED MAKES BY PWD, B&R HARYANA

Electrical & Automation Items

Sr.No.	Name of Items	Name of the Brand
1	A) Electrical accessories, Button Holder, Pendant Holder, Ceiling Rose, Bell Push, Switches, and Sockets, Call Bell/ buzzer, etc.(ISI Marked) B) Modular Accessories	A) Anchor (Penta), SSK (Top Line), Precision, Adhunik, Hosper, B) Anchor (Wood), ABB (Classiq), Legrand (Mosaic), North West, Precision
2	MS Conduit Pipes (I.S.I. Marked)	BEC, NIC, Steel Krafts, M Kay
3	PVC Wires Copper Conductor (I.S.I. Marked)	Bonton, Grandlay, Havell's, Polycab, Delton, R.R. Cable, HPL, DIATRON, Greatwhite, KEI, Plaza, Ecko, Fortis, Indane, anchor, adhunik, praflex, rallison
4	LT-PVC/ XLPE Underground cables with Aluminium Conductor (I.S.I. Marked)	All sizes:- Grandlay, Havell's Polycab, Delton, KEI, RR Kabel, Elkay, suraj, CIRITINA, Plaza, RPG,, gloster, Indane, Fortis, Gemscab, Pymen
5	ii) Arial Bunch cables/ ACSR	(As approved by UHBVNL/ DHBVNL for works related to UHBVNL/ DHBVNL)
6	PVC Conduit pipe with accessories, and 6 kg. Pressure PVC	AKG, BEC, Diplast, Kalinga, Polypack
7	GI Pipe & M.S. Pipe (medium) (I.S.I. Marked)	Jindal, Parklash, Ravindra, Tata
8	I.C. switches/ SFU/ FSU/ Changeover switch	GE, L&T, Siemens, Havell's, SSK, C&, Standard, HPL, Indo Asian, AECO, M&PA
9	MCBs and Enclosure, CLCB/ RCCB	GE, L&T, Legrand, Siemens, ABB, Scheinder Electric, BCH, Havell's, Standard, C&S, HPL, indo Asian, Asco, AECO, M&PA
10	Poles i. MS Pole ii. GI Pole iii. High Mast iv. Decorative Poles	Manufactured by any firm as per ISI Marked sectional lengths strictly according to IS Specifications: Philips, Bajaj; GE India, Surya Roshini, Paruthi Engineers (PE), Volmont, Crompton Philips, Bajaj, GE India, Surya Roshini, Paruthi Engineers (PE), Volmont, Crompton, Skipper, Vipin ST Poles Mayfair, Twinkle (Light), Twinkle (Luxmax), Jaquar, Keselecm, Glomac, VAK lighting, Homdec
11	Indoor LED Light fittings and Outdoor LED Street Light	Bajaj, Crompton, Wipro, GE, Philips, Harvell's, Surya Roshni, ploycab, HPL, Hallonix, C&S Electric, Twinkle, FIEM, SYska, jaguar, Everydy, mayfair, INIXY, Legero,

Sr.No.	Name of Items	Name of the Brand
		ORPIC, Lighting Impex, Pyrotech, starflux and models approved by HAREDA
12	Flood light Fittings, Sodium/ M.H./ LED	Bajaj, Crompton, GE, Phillips, Harvell's, Surya Roshni, polycav, HPL, Hallonix, C&S Electric, Mayfair, Ecolite, INIXY, Legero, ORPIC, Starflux
13	LT Panel/ Load bank/ APFC/ Bus Bar trunking. (OEM or their TTA)	Schneider, ABB, Siemens, BCH, L&T, C&S (Applicable for Electrical works more than Rs. 100 Lacs and all substations work on 1000KVA, and above)
14	ACBs	GE, L&T, Siemens, Schneider Electric, ABB, C&S, Harvell's, HPL; Indo Asian
15	OCBs, and VCBs	Alstom, Crompton, Siemens
16	Transformers	Alstom, Bharat Bijlee, Kirloskar, Crompton
17	Generators	Engines: Cummins, Greaves Cotton, Kirloskar, Ruston, Eicher (up to 125 KVA), Alternators: Crompton, Jyoti, Kirloskar, NGEF, Stamford (Mahindra up to 400 KVA)
18	CSSU	Schneider Electric, ABB, Siemens, C&S

**\*\*Note:** The successful bidders shall use above mentioned 18 Electrical & Automation Items of the makes approved by PWD/B&R which meets the credential criteria defined in the tender documents.

(Details specifications as per DNIT & sample submitted by you and approved by the Technical Committee)

#### TERMS & CONDITIONS

- 1- F.O.R.:- The above rates are F.O.R. destination anywhere in Haryana at supplier's risk.
- 2- G.S.T. :- Inclusive in above rates.
- 3- Warranty:-

The supplied material shall be warranted for 5 years from the date of receipt by the clients. The supplier shall ensure to provide the following minimum services to the client/consignee during the warranty period:

- (i) Supplier will appoint authorized dealers at divisional level in which items are to be supplied or open repair centers and their names shall be communicated to the Indenting/consignee Department within one month time from the date of issue of purchase order. Supplier shall also communicate name of these dealers/ centers to Directorate of Urban Local Bodies Haryana.
- (ii) If the order is of more than 100 nos (quantity of the single item), then supplier shall maintain 5% of the order quantities as buffer stock with the indenting department/ office till the warranty period so that replacement of defective piece can be attended immediately.
- (iii) In case a supplier is not maintaining buffer stock as mentioned under para (ii) then he is bound to repair/ replace the defective item within 7 days of the receipt of complaints failing which penalty will be charged from him @ of Rs 10/- per day per item till the period it has been repaired/replaced. This penalty amount shall be deducted from the payment due to the supplier or the consignee shall claim the same from the supplier. The claim so received to the supplier, has to be settled within 15 days. If supplier fails



- to refund the claim amount, this amount shall be deducted from his performance security. Complaint regarding non functional, if any, shall be
- (iv) The consignee shall maintain separate complaint register for this purpose and while forwarding the complaint to the supplier, complaint serial number, work order no., date & qty of the material, date of receipt of material, date of receipt of complaint, nature of defect, reason for defect, date of forwarding the complaint etc. should clearly be mentioned in the letter. This correspondence between the Supplier & Client will be through e-mail.
  - (v) Supplier shall repair/ replace the defective material at his own expenses to the satisfaction of the client/ consignee in the store, specified in work order, of the client/consignee during the warranty period. Client will issue satisfactory performance report on/ after satisfactory repair/replace the defective.
  - (vi) The past performance of the firms shall be considered while evaluating the technical bids. If the bidder has poor record for providing after sales services to the DULB during last five years than their bid may be rejected out rightly.
  - (vii) The consignee will have the liberty to get the sample for the item(s) supplied tested from any of the Govt. approved lab during the warranty period to ascertain the performance of the item(s) as per DNIT specifications. The cost of testing will be borne by the supplier.

The Indenting Department or designated agency may inspect the ongoing supply. In case the supplied products are not as per standards, non-functional on account of poor quality of installation, or non-compliance of warranty, the Indenting Department reserves the right to blacklist the firm. Blacklisting may inter-alia include the following:-

- (i) The firm will not be eligible to participate in tender for Government supported projects.
- (ii) In case, the concerned Director(s) of the firm/ company joins another existing or starts/joins a new firm/company, the company will automatically be blacklisted.

**4- Payment :-**

- i) The bidder has to submit 3% value of the purchase/ supply order to the respective municipality as performance bank guarantee within 15 days of the purchase/ supply order given by the respective municipality and the same shall be released on the receipt of the inspected material as per purchase/ supply order.
- ii) 90% of the payment shall be released by the respective municipality within 30 days on the receipt of duly inspected material.
- iii) Balance 10% of the payment shall be released by the respective municipality at the rate of 2% per year in the following five year warranty period.

The Indenting Departments would have option to release payments in RTGS/ Electronics mode also.

Delay in payments to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, will attract penal interest on the defaulting amount @ Rs.25/- per rupees one lakh per day of

delay beyond the stipulated credit period. Non provision of adequate budget will be no ground for delay in payments to the supplier.

**5. Supply terms:-**

The items, for which purchase/ supply order is placed by a municipality are to be supplied within two month's time from the date of issue of purchase/ supply order, if purchase value is up to Rs. 50.00 lakhs and if the value is above Rs. 50.00 lakhs then the material should have to be supplied within three months time or the time specified by the respective municipality from the date of issue of purchase/ supply order. The request of supplier for extension in time frame for the supply of the items shall not be entertained under any circumstances except in case of force majeure. The above defined time period is the time by which material should be delivered to the consignee.

**6. Inspection:-**

The inspection of the material will be carried out by the officers of the respective municipality or their authorized representatives at the premises of the supplier before dispatch. The concerned municipality or designated agency may inspect the ongoing supply. In case the supplied products are not as per standards, non-functional on account of installation, or non-compliance of warranty, the Indenting Department reserves the right to blacklist the firm on the recommendation received from the respective municipality. Blacklisting may inter-alia include the following:-

- i) The firm will not be eligible to participate in tender for Government supported projects.

In case, the concerned Director(s) of the firm/ company joins another existing or starts/ joins a new firm/ company, the company will automatically be blacklisted.

- ii) In case, the material offered for inspection by the firm fails to meet the specifications stipulated in NIT/Order/Contract and the samples are rejected by the inspecting officers of the concerned municipality, the Indenting municipality will have the right to levy a penalty at 0.1% of the total order value. In case, the material offered for inspection fails during the 2nd inspection also, the indenting municipality will have the right to increase the penalty to 0.25% of the total order value. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action including forfeiture of 3% PBG, risk purchase, debarring/ blacklisting in future, and no further opportunity for inspection would be provided to the supplier firm.

**7. Penalty for Time Schedule:-**

The time for and date of delivery or dispatch stipulated in the purchase/ supply order shall be deemed to be essence of the contract, and should be contractor fail to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch stipulated in the purchase/ supply order, the delayed consignment will be subject to 2% penalty per consignment per month subject to maximum of 10% of work order value recoverable on the value of the stores supplied. In case of non-payment of the contractor, recovery will be made from his bills or amount of earnest money or performance security deposited with concerned municipalities, provide also that:-

- i) If the proposal for the pre dispatch inspection is received in defined and valid time period in the office of indenting municipality from the supplier and inspection is not carried out by the indenting municipality by any reasons within 10 days of receipt of such letter, the time period for supply will be extended equivalent to delayed period, from the next date of expiry of these 10 days till the days of actual inspection and no penalty will be imposed for this extended period.
- ii) No recovery of penalty will be made if the indenting municipality accept the delayed supplies by extending the delivery period by recording in writing that the exceptional circumstances were beyond the control of the supplier and there was no lose to the Govt. on written request by the supplier on valid grounds before of the expiry of the above times. Requests for extension received after the expiry of the allowed time shall not be entertained and shall be subject to penalty.
- iii) On the failure of the suppliers to make supply within the extender period of otherwise and the receipt of such information in the office of the concerned municipality risk purchase at the cost of the supplier will be made by the concerned municipality within 2 months of the expiry of stipulated delivery period from approved any State empanelled supplier or by inviting short terms quotations from the registered or other non suppliers. The difference of excess cost thus, incurred will be recovered from the supplier from his pending bills, performance bank guaranty or security whichever is available. This procedure will be adopted after serving the registered notice to the supplier to supply stores within 15 days.

(OTHER TERMS & CONDITIONS WILL BE AS PER DNIT AND SCHEDULE-B ATTACHED).

Encls.a/a

Deputy Director,  
Director General Supplies & Disposals, Haryana,  
For & On behalf of Governor of Haryana.

**SCHEDULE - "A"**

Accepted rates of M/s. Surya Roshni Ltd; Prakash Nagar Sankhol, Bahadurgarh Email:-  
 aihanwar@surya.in MB. No. 9873925477 , offer No. Nil dated 13.01.2023 and your letter  
 dated 31.03.2023, this office acceptance letter No. 479 dated 20.04.2023 & your letter No.  
 Nil dated 03.05.2023.

Sr. No.	Name of Items	Qty. In Nos.	Rates In Rs. per number, Inclusive of all taxes/duties, GST, FOR Destination
			1144.84
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5	72 Wattage LED lights with 5 years warranty	12000	5526.43
6	90 Wattage LED lights with 5 years warranty	12000	7424.08
7	120 Wattage LED lights with 5 years warranty	4000	9077.74
8	150 Wattage LED lights with 5 years warranty	6000	13587.70
9	200 Wattage LED lights with 5 years warranty	3000	

**DETAILED TECHNICAL SPECIFICATIONS**

**TECHNICAL SPECIFICATIONS OF LED street Lights**

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8	Color temperature of the luminaire shall be in the range of nominal 5000K to 6000K (CCT as per ANSI)		LM 79/IS 16106-2012 from NABL certified
9	The distribution of luminaries' illumination (control of distribution) shall be based on the type of road as per BIS standard IS1944 refer table from NLC for Road category.		
10	Power factor	> 0.95% with APFC	
11	System Efficacy (lumen/watt)	Shall be >120lumen/watt, System lumen output supported by LM79 report shall be submitted.	
12	CRI of Luminaries	≥ 70	
13	Light Uniformity Ratio (Emin/Eavg) shall be as per IS 1944 based on the category of road		
14	The luminaries' light output (lumen) shall be constant. The voltage variations/fluctuations in the specified voltage range shall not impinge upon the lumen it produces. Maximum +/-2% is allowed throughout in the input operating voltage range		Test report from NABL Accredited Lab
15	Driver shall be fully potted and should have a power factor ≥0.95, and THD < 10% with minimum inbuilt surge protection of internal 4kV / amp; external 10kV. The driver should be suitable for an operating voltage range of 140-270V AC, cut-off at < 300V AC, and self-restore. The driver should sustain up to 8 hours at 440 V AC.		
16	Total Harmonic Distortion: < 10% THD - Test Method IEC:610003-2		
17	LED Drive current	up to or <1000 mA	
18	LED driver efficiency	≥ 85%	
19	Luminaire Body Temp should not exceed 30 deg. C from ambient (45 deg.c) with tolerance of 10deg.C after 24 Hrs		
20	Heat dissipation/heat sink: Well-designed thermal management system with defined heat sink		LM 80 report at which life > 50000 hrs
21	The luminaries shall be single piece pressure die-cast aluminum housing with corrosion-resistant powder coating conforming to ensure IP 66, and IK 07 protection		TPL NABL Accredited Lab as per IS:10322-part 5 Sec-3 /IEC:60598-2-3
22	Luminaire shall have a separate optical and driver compartment.		
23	The luminaries shall be built in such a way that it can withstand a wind speed of 150Kmph. The manufacturer shall furnish NABL accredited lab report supporting the same. (Impact		

TYPICAL SPECIFICATIONS OF LED STREET LIGHTS

Sl. No.	Type of Test/specification	Proofs/Report to be submitted
	resistance >= IK07)	
24	Fixture cover - "Non-Yellowing polycarbonate optics cover" or UV resistance Non Yellowing polycarbonate / PMMA / toughened optics cover be required with proper IP66 provision. The lens should be mechanically fixed, and fixing by glue is not acceptable	Declaration Certificate by manufacturer
25	Frequency 50Hz +/- 3%	Declaration Certificate by manufacturer
26	Operating temperature Range: -10C to +50C	TPL NABL Accredited Lab as per IS:10322-part 5 Sec-3
27	Protections IP65, Surge protection of 10 kV, IEC61000-4-5	Certified by NABL Accredited Lab/in- house lab
28	Working humidity Preferred 100%, and not less than 95% RH	Certified by NABL Accredited Lab/in- house lab
29	Conformation standards of luminaries (Test reports of luminaries)	The luminaries should conform to IEC 60598/ IS:10322 The luminaries should be tested as per IEC 60598-2-3:2002/ IS:10322 Part 5 Sec-3 standards, and the following test reports should be submitted: Heat Resistance Test, Thermal Test, Ingress Protection Test, Drop Test Electrical / Insulation Resistance Test, Endurance Test, Humidity Test, Photometry Test (LM79 report), Vibration Test
30	Finish Aesthetically designed housing with grey color corrosion-resistant polyester powder coating	Declaration Certificate by manufacturer
31	Luminaries configuration / technical requirement Side entry type. Shall consist of separate optical and control gear compartments. It should be easily replaceable in the field condition.	Declaration Certificate by manufacturer
32	Compliance RoHS /CE/ERTL/ERDI	CONFIRM
33	Surge Protection External Surge protection of minimum 10kV/ 5 kA to be separately installed with each fixture	As per ANSI C 136.2-2014
34	All the types of test/specification of LED STREET LIGHTS mentioned in the above table from point number 1 to 33 to be supported.	All corresponding proofs/reports mentioned in the above table from point number 1 to 32 to be submitted.
35	All luminaires should be connected to earth potential by yellow-green wire as per IS:3043	Declaration Certificate by manufacturer

LIST OF APPROVED MAKES BY PWD, B&R HARYANA

Electrical & Automation Items

Sr.No.	Name of Items	Name of the Brand
1	A) Electrical accessories, Button Holder, Pendent Holder, Ceiling Rose, Bell Push, Switches, and Sockets, Call Bell/ buzzer, etc.(ISI Marked) B) Modular Accessories	A) Anchor (Penta), SSK (Top Line), Precision, Adhunik, Hosper, B) Anchor (Wood), ABB (Classiq), Legrand (Mosaic), North West, Precision
2	MS Conduit Pipes (I.S.I. Marked)	BEC, NIC, Steel Krafts, M Kay
3	PVC Wires Copper Conductor (I.S.I. Marked)	Bonton, Grandlay, Havell's, Polycab, Delton, R.R. Cable, HPL, DIATRON, Greatwhite, KEI, Plaza, Ecko, Fortis, Indane, anchor, adhunik, praflex, rallison
4	LT-PVC/ XLPE Underground cables with Aluminium Conductor (I.S.I. Marked)	All sizes:- Grandlay, Havell's Polycab, Delton, KEI, RR Kabel, Elkay, suraj, CIRITINA, Plaza, RPG, , gloster, Indane, Fortis, Gemscab, Pymen
5	ii) Arial Bunch cables/ ACSR	(As approved by UHBVNL/ DHBVNL for works related to UHBVNL/ DHBVNL)
6	PVC Conduit pipe with accessories, and 6 kg. Pressure PVC	AKG, BEC, Diplast, Kalinga, Polypack
7	GI Pipe & M.S. Pipe (medium) (I.S.I. Marked)	Jindal, Parklash, Ravindra, Tata
8	I.C. switches/ SFU/ FSU/ Changeover switch	GE, L&T, Siemens, Havell's, SSK, C&, Standard, HPL, Indo Asian, AECO, M&PA
9	MCBs and Enclosure, CLCB/ RCCB	GE, L&T, Legrand, Siemens, ABB, Scheinder Electric, BCH, Havell's, Standard, C&S, HPL, indo Asian, Asco, AECO, M&PA
10	Poles i. MS Pole ii. GI Pole iii. High Mast iv. Decorative Poles	Manufactured by any firm as per ISI Marked sectional lengths strictly according to IS Specifications Philips, Bajaj, GE India, Surya Roshini, Paruthi Engineers (PE), Volmont, Crompton Philips, Bajaj, GE India, Surya Roshini, Paruthi Engineers (PE), Volmont, Crompton, Skipper, Vipin ST Poles Mayfair, Twinkle (Light), Twinkle (Luxmax), Jaquar, KeselecmGlomac, VAK lighting, Homdec
11	Indoor LED Light fittings and Outdoor LED Street Light	Bajaj, Crompton, Wipro, GE, Philips, Harvell's, Surya Roshni, ploycab, HPL, Hallonix, C&S Electric, Twinkle, FIEM, SYska, jaguar, Everydy, mayfair, INIXY, Legero,

Sr.No.	Name of Items	Name of the Brand
		ORPIC, Light Ing Impex, Pyrotech, starflux and models approved by HAREDA
12	Flood light Fittings, Sodium/ M.H./ LED	Bajaj, Crompton, GE, Phillips, Harvell's, Surya Roshni, polycav, HPL, Hallonix, C&S Electric, Mayfair, Ecolite, INIXY, Legero, ORPIC, Starflux
13	LT Panel/ Load bank/ APFC/ Bus Bar trunking. (OEM or their TTA)	Schneider, ABB, Siemens, BCH, L&T, C&S (Applicable for Electrical works more than Rs. 100 Lacs and all substations work on 1000KVA, and above)
14	ACBs	GE, L&T, Siemens, Schneider Electric, ABB, C&S, Harvell's, HPL, Indo Asian
15	OCBs, and VCBs	Alstom, Crompton, Siemens
16	Transformers	Alstom, Bharat Bijlee, Kirloskar, Crompton
17	Generators	Engines: Cummins, Greaves Cotton, Kirloskar, Ruston, Eicher (up to 125 KVA), Alternators: Crompton, Jyoti, Kirloskar, NGEF, Stamford (Mahindra up to 400 KVA)
18	CSSU	Schneider Electric, ABB, Siemens, C&S

**\*\*Note:** The successful bidders shall use above mentioned 18 Electrical & Automation Items of the makes approved by PWD/B&R which meets the credential criteria defined in the tender documents.

(Details specifications as per DNIT & sample submitted by you and approved by the Technical Committee)

#### TERMS & CONDITIONS

- 1- F.O.R.:- The above rates are F.O.R. destination anywhere in Haryana at supplier's risk.
- 2- G.S.T. :- Inclusive in above rates.
- 3- Warranty:-

The supplied material shall be warranted for 5 years from the date of receipt by the clients. The supplier shall ensure to provide the following minimum services to the client/consignee during the warranty period:

- (i) Supplier will appoint authorized dealers at divisional level in which items are to be supplied or open repair centers and their names shall be communicated to the Indenting/consignee Department within one month time from the date of issue of purchase order. Supplier shall also communicate name of these dealers/ centers to Directorate of Urban Local Bodies Haryana.
- (ii) If the order is of more than 100 nos (quantity of the single item), then supplier shall maintain 5% of the order quantities as buffer stock with the indenting department/ office till the warrantee period so that replacement of defective piece can be attended immediately.
- (iii) In case a supplier is not maintaining buffer stock as mentioned under para (ii) then he is bound to repair/ replace the defective item within 7 days of the receipt of complaints failing which penalty will be charged from him @ of Rs 10/- per day per item till the period it has been repaired/replaced. This penalty amount shall be deducted from the payment due to the supplier or the consignee shall claim the same from the supplier. The claim so received to the supplier, has to be settled within 15 days. If supplier fails



- to refund the claim amount, this amount shall be deducted from his performance security. Complaint regarding non functional, if any, shall be
- (iv) The consignee shall maintain separate complaint register for this purpose and while forwarding the complaint to the supplier, complaint serial number, work order no., date & qty of the material, date of receipt of material, date of receipt of complaint, nature of defect, reason for defect, date of forwarding the complaint etc. should clearly be mentioned in the letter. This correspondence between the Supplier & Client will be through e-mail.
  - (v) Supplier shall repair/ replace the defective material at his own expenses to the satisfaction of the client/ consignee in the store, specified in work order, of the client/consignee during the warranty period. Client will issue satisfactory performance report on/ after satisfactory repair/replace the defective.
  - (vi) The past performance of the firms shall be considered while evaluating the technical bids. If the bidder has poor record for providing after sales services to the DULB during last five years than their bid may be rejected out rightly.
  - (vii) The consignee will have the liberty to get the sample for the item(s) supplied tested from any of the Govt. approved lab during the warranty period to ascertain the performance of the item(s) as per DNIT specifications. The cost of testing will be borne by the supplier.

The Indenting Department or designated agency may inspect the ongoing supply. In case the supplied products are not as per standards, non-functional on account of poor quality of installation, or non-compliance of warranty, the Indenting Department reserves the right to blacklist the firm. Blacklisting may inter-alia include the following:-

- (i) The firm will not be eligible to participate in tender for Government supported projects.
- (ii) In case, the concerned Director(s) of the firm/ company joins another existing or starts/joins a new firm/company, the company will automatically be blacklisted.

#### 4- Payment :-

- i) The bidder has to submit 3% value of the purchase/ supply order to the respective municipality as performance bank guarantee within 15 days of the purchase/ supply order given by the respective municipality and the same shall be released on the receipt of the inspected material as per purchase/ supply order.
- ii) 90% of the payment shall be released by the respective municipality within 30 days on the receipt of duly inspected material.
- iii) Balance 10% of the payment shall be released by the respective municipality at the rate of 2% per year in the following five year warranty period.

The Indenting Departments would have option to release payments in RTGS/ Electronics mode also.

Delay in payments to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, will attract penal interest on the defaulting amount @ Rs.25/- per rupees one lakh per day of

delay beyond the stipulated credit period. Non provision of adequate budget will be no ground for delay in payments to the supplier.

#### 5. Supply terms:-

The items, for which purchase/ supply order is placed by a municipality are to be supplied within two month's time from the date of issue of purchase/ supply order, if purchase value is up to Rs. 50.00 lakhs and if the value is above Rs. 50.00 lakhs then the material should be supplied within three months time or the time specified by the respective municipality from the date of issue of purchase/ supply order. The request of supplier for extension in time frame for the supply of the items shall not be entertained under any circumstances except in case of force majeure. The above defined time period is the time by which material should be delivered to the consignee.

#### 6. Inspection:-

The inspection of the material will be carried out by the officers of the respective municipality or their authorized representatives at the premises of the supplier before dispatch. The concerned municipality or designated agency may inspect the ongoing supply. In case the supplied products are not as per standards, non-functional on account of installation, or non-compliance of warranty, the Indenting Department reserves the right to blacklist the firm on the recommendation received from the respective municipality. Blacklisting may inter-alia include the following:-

- i) The firm will not be eligible to participate in tender for Government supported projects.  
In case, the concerned Director(s) of the firm/ company joins another existing or starts/ joins a new firm/ company, the company will automatically be blacklisted.
- ii) In case, the material offered for inspection by the firm fails to meet the specifications stipulated in NIT/Order/Contract and the samples are rejected by the inspecting officers of the concerned municipality, the Indenting municipality will have the right to levy a penalty at 0.1% of the total order value. In case, the material offered for inspection fails during the 2nd inspection also, the indenting municipality will have the right to increase the penalty to 0.25% of the total order value. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action including forfeiture of 3% PBG, risk purchase, debarring/ blacklisting in future, and no further opportunity for inspection would be provided to the supplier firm.

#### 7. Penalty for Time Schedule:-

The time for and date of delivery or dispatch stipulated in the purchase/ supply order shall be deemed to be essence of the contract, and should be contractor fail to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch stipulated in the purchase/ supply order, the delayed consignment will be subject to 2% penalty per consignment per month subject to maximum of 10% of work order value recoverable on the value of the stores supplied. In case of non-payment of the contractor, recovery will be made from his bills or amount of earnest money or performance security deposited with concerned municipalities, provide also that:-

- i) If the proposal for the pre dispatch inspection is received in defined and valid time period in the office of indenting municipality from the supplier and inspection is not carried out by the indenting municipality by any reasons within 10 days of receipt of such letter, the time period for supply will be extended equivalent to delayed period, from the next date of expiry of these 10 days till the days of actual inspection and no penalty will be imposed for this extended period.
- ii) No recovery of penalty will be made if the indenting municipality accept the delayed supplies by extending the delivery period by recording in writing that the exceptional circumstances were beyond the control of the supplier and there was no loss to the Govt. on written request by the supplier on valid grounds before the expiry of the above times. Requests for extension received after the expiry of the allowed time shall not be entertained and shall be subject to penalty.
- iii) On the failure of the suppliers to make supply within the extended period of otherwise and the receipt of such information in the office of the concerned municipality risk purchase at the cost of the supplier will be made by the concerned municipality within 2 months of the expiry of stipulated delivery period from approved any State empanelled supplier or by inviting short terms quotations from the registered or other non suppliers. The difference of excess cost thus, incurred will be recovered from the supplier from his pending bills, performance bank guaranty or security whichever is available. This procedure will be adopted after serving the registered notice to the supplier to supply stores within 15 days.

(OTHER TERMS & CONDITIONS WILL BE AS PER DNIT AND SCHEDULE-B ATTACHED).

Encls.a/a

Deputy Director,  
Director General Supplies & Disposals, Haryana,  
For & On behalf of Governor of Haryana.