

**OFFICE OF THE MUNICIPAL CORPORATION, YAMUNA NAGAR-JAGADHRI**

**INVITING SHORT TERM ITEM/PERCENTAGE RATE ONLINE**

On behalf of Commissioner Municipal Corporation Yamunanagar-Jagadhri on line E Tenders on <http://www.etenders.hry.nic.in> are hereby invited from the eligible and Registered/authorized agency/firm of PWD Department/other Govt./UHBVN Department for the works as mentioned below:-

Sr. No.	Name of Work	Estimated Amount	Document download			EMD	Cost of tender
			Start Date	End Date	Tender Opening Date		
EE/MCY/MAY/ELE/10	Providing & fixing of LED light points with Octagonal poles on Chhachhrauli Road from Kharvan turn towards Chhachhrauli .	17.27	01.06.15	10.06.15	12.06.15	2% Earnest money	1000/-

**Terms and Conditions:**

1. The Tender will be accepted from those firm who produces their earnest money in the shape of deposit at call in the favor of Municipal Corporation, Yamuna Nagar-Jagadhri or cash against receipt.
2. Detailed Estimates/NIT can be seen in the office of Municipal Corporation on any working day during office hours.
3. No any material will be supplied by the Municipal Corporation, Yamuna Nagar.
4. The Commissioner Municipal Corporation, Yamuna Nagar-Jagadhri has right to accept or reject the tenders without assigning any reason.
5. The work shall strictly be Executed in accordance with the specifications of that work.
6. The work shall be got verified by the technical authority & monitoring Committee before its payment.
7. Time limit of work is **two month..**
8. Other terms & conditions can be seen in the office from D.N.I.T.or on M.C. web site [www.mcy.eynr.in](http://www.mcy.eynr.in)

Assistant (Elect)  
For. Commissioner,  
Municipal Corporation  
Yamuna Nagar-Jagadhri.  
1732 237841

**Name of work: Supply of LED/FTL street light & 10 KVA Generator set.**

**Contract No. EE/MCY/August /15/1**

1.00	S		each	
1.	Supply of integral LED street light luminarie comprising of epoxy powder coated hsg enclosed with Glass cover in frame 45 Watt suitable for 40mm OD pipe. Ingress protection IP 66 of Bajaj/Crompton/Philips/C&S make.	10.00	each	
2	Supply of Street light Tube fitting 1x40 Watt mancell grey stone enameled finish aluminum housing with stove enamilled CRCA sheet metal reflector covered rubbed acrylic cover and accessories mancell of Bajaj Make Model No. BJSLA/1140/AL/HPF or equilant model of Philips/Crompton and C&S make	20.00	each	
3	Bracket pipe 1 Inch dia 2x1ft. made of GI pipe and welded at 135 degree as per slandered design.	20.00	each	
4	Bracket pipe 1.5 inch dia 2x1ft. made of GI pipe and welded at 135 degree as per slandered design	10.00	each	
5	M.S. clamp made of MS flate 40x6mm suitable for cement pole as per standard design along with making hole, net and bolt	20.00		
	<b>Contract No. EE/MCY/August /15/2</b>			
1	Supply/Erection of 10 KVA Kirloskar Green, Air-cooled, Silent, DG Set and 10 KVA kirloskar Green make alternator rated at 3 phase, 240V, 50 HZ 0.8 PF, 1500 RPM, both mounted and aligned on common M.S base frame with M.S fuel Tank control panel, 12 V D.C. Battery (Exide), self started.	1.00	each	

## TECHNICAL SPECIFICATIONS FOR 240V LED STREET LIGHTS 45W

SL NO	DESCRIPTION	DESIRED LEVEL	BIDDER OFFERED VALUES
1	INPUT VOLTAGE	220V-240 AC +/- 10%	
2	INPUT FREQUENCY	50HZ +/- 10%	
3	AMBIENT TEMPERATURE	-20° to 55°C	
4	USAGE HOUR	12-14 Hrs a day	
5	LED SYSTEM WATTAGE CONSUMPTION	45W+/- 10%	
6	TOTAL HARMONIC DISTORTION	<10%	
8	POWER FACTOR	Not less than 0.95	
9	LED MAKE AND SMD MODULE	Multi-LED SMD Module with secondary lens having LEDS of following make NICHIA/OSRAM/PHILIPS LUMILEDS/CREE	
10	CURRENT THROUGH LEDS	Should not be more than 80% of its rated current	
11	COLOUR RENDERING INDEX	Minimum 75	
12	PROTECTION	IP 66	
16	LUMINAIRE LUMEN EFFICIENCY	MINIMUM 80 Lumen/Watt	
17	DRIVER	Single Integrated constant current electronic driver	
18	COLOUR	5500-6500 degree Kelvin for white light	
19	LED OPERATION LIFE	Minimum 50000 burning hours	
20	LED MAINTENANCE	Minimum 70% over 50000 burning hours	
21	BEAM ANGLE	Minimum 120 degree	
22	EFFICIENCY	More than 85%	
23	FIXTURE MATERIAL	High quality single piece pressure die cast aluminum with smooth finish powder coated .Front portion should be of heat resistant toughened glass	
24	BUILTIN PROTECTION	Minimum 5KV Surge Protection, Over load Protection, Short circuit protection	
25	HEAT SINK	SUITABLE HEAT SINK FOR DISSIPATING HEAT MADE OF HIGH QUALITY PRESSURE DIE CAST ALUMINUM WITH SMOOTH FINISH POWDER COATED	
26	COMPLETE FIXTURE	The fixture should confirm to applicable BIS/IES Standards/ IESNA LM-79- 80	
27	EACH FIXTURE SHOULD HAVE THE FOLLOWING DETAILS MARKED ON HOUSING DISTINCTLY	1. YEAR OF MAKE	
		2. BATCH No. & Sl. No.	
		3. NAME OF MANUFACTURER	
		4. RATED SYSTEM WATTAGE	
		5. INPUT VOTAGE & FREQUENCY	
	1) Test certificates and other all functional test should be as	a. -INSULATION RESISTANCE TEST	

	per the following. Test certificates from NABL accredited / Govt lab (Like CPRI) / or sample lot tested from manufacturer lab with complete calibrated equipment as per IS with witness are to be submitted.	b. -HV TEST c. -REVERSE POLARITY TEST d. -RA (COLOR RENDERING INDEX) MEASUREMENT TEST e. -EFFICIENCY TEST f. -POWER FACTOR TEST g. -LUMEN MEASUREMENT h. -PHOTOMETRY TEST REPORT i. TEST FOR IP65 PROTECTION	
	TEST CERTIFICATE & OTHER DOCUMENTS (TO BE FURNISHED ALONG WITH THE MATERIAL)	THE TENDERER MUST SUBMIT FOLLOWING REPORT / DOCUMENT –  1. IES LM 80 REPORT FROM LED MANUFACTURER FOR LIFE OF LED, COLOUR CHARACTERISTICS AND OTHER RELEVANT DETAILS.  2. MEASUREMENT TEST REPORTS AS PER IES LM 79 FOR LUMINAIRE PHOTOMETRIC MEASUREMENT DATA (LUMINAIRE EFFICACY, LIGHT INTENSITY DISTRIBUTION DIAGRAM, COEFFICIENT OF UTILISATION CURVE, ELECTRICAL POWER (TEST VOLTAGE, CURRENT, WATTAGE, POWER FACTOR, THD) AND EFFICIENCY OF DRIVER. THE TEST REPORT SHALL BE FROM NABL ACCREDITED LABS . THE TEST REPORT CAN BE FROM MANUFACTURER. THE TEST REPORT SHOULD NOT BE MORE THAN 3 YRS OLD FROM THE DATE OF TENDER OPENING.  3. IP-66 DEGREE OF PROTECTION AGAINST DUST AND WATER AS PER IEC 60529  4. PROOF OF PURCHASE AND USE OF LED'S FROM THE STATED LED MANUFACTURER. PROOF OF LUMINAIRE MANUFACTURING.	
30	POLE ENTRY	Should be suitable for mounting of existing pole with locking bolts/ should provide with complete bracket with locking bolt.	
31	APPLICATION	Street lighting	

**TECHNICAL SPECIFICATIONS FOR 240V LED STREET LIGHTS 25W**

SL NO	DESCRIPTION	DESIRED LEVEL	BIDDER OFFERED VALUES
1	INPUT VOLTAGE	220V-240 AC +/- 10%	
2	INPUT FREQUENCY	50HZ +/- 10%	
3	AMBIENT TEMPERATURE	-20° to 55°C	
4	USAGE HOUR	12-14 Hrs a day	
5	LED SYSTEM WATTAGE CONSUMPTION	25W+/- 10%	
6	TOTAL HARMONIC DISTORTION	<15%	
8	POWER FACTOR	Not less than 0.90	
9	LED MAKE AND SMD MODULE	Multi-LED SMD Module with secondary lens having LEDs of following make NICHIA/OSRAM/PHILIPS LUMILEDS/CREE	
10	CURRENT THROUGH LEDs	Should not be more than 80% of its rated current	
11	COLOUR RENDERING INDEX	Minimum 75	
12	PROTECTION	IP 66	
16	LUMINAIRE LUMEN EFFICIENCY	MINIMUM 80 Lumen/Watt	
17	DRIVER	Single Integrated constant current electronic driver	
18	COLOUR	5500-6500 degree Kelvin for white light	
19	LED OPERATION LIFE	Minimum 50000 burning hours	
20	LED MAINTENANCE	Minimum 70% over 50000 burning hours	
21	BEAM ANGLE	Minimum 120 degree	
22	EFFICIENCY	More than 85%	
23	FIXTURE MATERIAL	High quality single piece pressure die cast aluminum with smooth finish powder coated .Front portion should be of heat resistant toughened glass	
24	BUILTIN PROTECTION	Minimum 5KV Surge Protection, Over load Protection, Short circuit protection	
25	HEAT SINK	SUITABLE HEAT SINK FOR DISSIPATING HEAT MADE OF HIGH QUALITY PRESSURE DIE CAST ALUMINUM WITH SMOOTH FINISH POWDER COATED	
26	COMPLETE FIXTURE	The fixture should confirm to applicable BIS/IES Standards/ IESNA LM-79- 80	

27	EACH FIXTURE SHOULD HAVE THE FOLLOWING DETAILS MARKED ON HOUSING DISTINCTLY	1. YEAR OF MAKE	
		2. BATCH No. & Sl. No.	
		3. NAME OF MANUFACTURER	
		4. RATED SYSTEM WATTAGE	
		5. INPUT VOTAGE & FREQUENCY	
28	1) Test certificates and other all functional test should be as per the following. Test certificates from NABL accredited / Govt lab (Like CPRI) / or sample lot tested from manufacturer lab with complete calibrated equipment as per IS with witness are to be submitted.	a. -INSULATION RESISTANCE TEST	
		b. -HV TEST	
		c. -REVERSE POLARITY TEST	
		d. -RA (COLOR RENDERING INDEX) MEASUREMENT TEST	
		e. -EFFICENCY TEST	
		f. -POWER FACTOR TEST	
		g. -LUMEN MEASUREMENT	
		h. -PHOTOMETRY TEST REPORT	
		i. TEST FOR IP65 PROTECTION	
		.	
29	TEST CERTIFICATE & OTHER DOCUMENTS (TO BE FURNISHED ALONG WITH THE MATERIAL)	THE TENDERER MUST SUBMIT FOLLOWING REPORT / DOCUMENT –	
		1. IES LM 80 REPORT FROM LED MANUFACTURER FOR LIFE OF LED, COLOUR CHARACTERISTICS AND OTHER RELEVANT DETAILS.	
		2. MEASUREMENT TEST REPORTS AS PER IES LM 79 FOR LUMINAIRE PHOTOMETRIC MEASUREMENT DATA (LUMINAIRE EFFICACY, LIGHT INTENSITY DISTRIBUTION DIAGRAM, COEFFICIENT OF UTILISATION CURVE, ELECTRICAL POWER (TEST VOLATGE,CURRENT,WATTAGE, POWER FACTOR,THD) AND EFFICIENCY OF DRIVER. THE TEST REPORT SHALL BE FROM NABL ACCREDITED LABS . THE TEST REPORT CAN BE FROM MANUFACTURER.THE TEST REPORT SHOULD NOT BE MORE THAN 3 YRS OLD FROM THE DATE OF TENDER OPENING.	

		3. IP-66 DEGREE OF PROTECTION AGAINST DUST AND WATER AS PER IEC 60529	
		4. PROOF OF PURCHASE AND USE OF LED'S FROM THE STATED LED MANUFACTURER. PROOF OF LUMINARE MANUFACTURING.	
30	POLE ENTRY	Should be suitable for mounting of existing pole with locking bolts/ should provide with complete bracket with locking bolt.	
31	APPLICATION	Street lighting	

## Annexure -1

### TERMS & CONDITIONS

- 1- The quantity of supply mentioned in DNIT is tentative and may increased or decreased
- 2- The Technical specifications to be followed is attached as Annexure-Technical specifications
- 3- The Firm should be financial solvent and sound to execute the contract
- 4- The Firm is supposed to familiar with all general and special laws, act, rules and regulations of Municipality/State Govt.
- 5- The EMD deposited by the Firm, shall be forfeited by M.C. Yamunanagar-Jagadhri, if Firm fails to execute the supply order as per terms & conditions.
- 6- The tender should be accompanied with earnest money @ 2% of estimated cost on line, in commissioner M.C. Yamunanagar-Jagadhri Account.
- 7- The EMD of un-successful tenderer shall be returned after award of the contract. No interest will be paid on such earnest Money.
- 8- The payment shall be made after receipt of material in good condition and as per specification.
- 9- The Firm shall not sublet the work/supply under this contract or any substantial part thereof to any other party.
- 10-The supplier shall affirm as per standards for quality, conformity with the specifications, items free from all defects.
- 11-The time of delivery stipulated in supply order shall be deemed to be essence of contract. If the supplier fail to offer inspection of material and delivery of any consignment within stipulated period, the delayed consignment will be subject to penalty @ 2.0% of bill amount per month.
- 12-In order to have technical control, quality assurance and cost transparency, the THIRD PARTY INSPECTION, shall be got done from the outside agency by the department at its own cost. However, the Firm/bidder/supplier, has to provide all necessary help and support in getting the third party inspection carried out at site before installation.
- 13-The supplier shall give pre-dispatch inspection notice of at least 15 days prior to the last date of supply of material.
- 14-In case the material offered for inspection, fails to meet the specifications stipulated in DNIT and the material is rejected by inspection committee, the commissioner, will have the right to levy a penalty at 0.1% of order value, if 2<sup>nd</sup> time fail, penalty rate -0.25%, if 3<sup>rd</sup> time fail, EMD will be forfeited.
- 15-The Firm shall stand warranty to replace every/any items of its product range, if found damaged/defective, where so ever any needs arises at the inter-stages without any condition.
- 16-The department shall have the right to get any product tested at any time without any information to the firm. In case the quality of product supplied by the firm, is not upto the mark, then the Firm will be black listed.
- 17-The successful tenderer shall be called upon to enter in an agreement. The Municipal Corporation is not bound to issue Form D. etc. The Engineer-in-Charge reserve the right for any Omission/correction in DNIT.
- 18-All charges necessary to effect free delivery of material shall be born by the Firm.
- 19-The Price/rate quoted should be inclusive of all duties and taxes except VAT.
- 20-No claim on account of fluctuation in prices due to any reason shall be considered.



**21-Income tax will be deducted as per rule.**