

From

The Director General  
New & Renewable Energy Deptt./HAREDA,  
Institutional Plot No. 1, Sector 17, Panchkula

To

All bidders  
Tender ID no. 77588

Subject:

No. 400

Dated 26/04/18

E-tender for the supply, installation and commissioning of 325 nos. standalone led solar street lights and 2 nos. of high mast solar street lights with lithium phosphate battery.

Kindly refer to this office e-tender no. 77588 regarding subject cited above.

As you are aware that HAREDA has invited tender of Purchase for the Supply, Installation and Commissioning of 325 nos. Standalone LED Solar Street Lights and 2 nos. of High Mast Solar Street Lights With Lithium Phosphate Battery for the Year 2018-19 and same was opened on 10.04.2018 by tender opening committee.

In this regard, it is informed that the office has prepared a bid evaluation report and same is attached herewith and same is uploaded on HAREDA website.

You are therefore advised to submit the leftover documents/ test report, if any **upto 30.04.2018**. It is further informed that, the meeting of standing technical committee shall be held on 02.05.2018 at 04:30 PM to technically evaluate the bids and open the price part of technically eligible bidders, in presence of bidders who wish to attend the same.



Chief Scientific Engineer  
for Director General, New & Renewable  
Energy Deptt. Haryana & HAREDA

**COMPARATIVE STATEMENT OF THE BIDDERS OF 325 NOS. STANDALONE LED SOLAR STREET LIGHTS AND 2 NOS. OF HIGH MAST SOLAR STREET LIGHTS**

Sr. No	Eligibility Conditions as per DNIT	Sangwan Energy Systems Pvt Ltd, Sonapat	Ritika Systems Pvt Ltd, Noida	McCromik Industries, Bahadurgarh	CASE , Gurugram	PolyPhase
1	Bidder Sr.No. Category of bidder	1. Micro (Haryana)	2. Outside Haryana	3. Micro (Haryana)	4. Micro (Haryana)	5. Micro (Haryana)
2	Tender Fee (Exempted for MSEs of Haryana who have filed UAM/EM)	0 (UAM attached)	5000	0 (UAM not for quoted items)	0 (EM attached)	0 (UAM attached)
3	EMD (Exempted for MSEs of Haryana who have filed UAM/EM)	0 (UAM attached)	200000	0 (UAM not for quoted items)	0 (EM attached)	0 (UAM attached)
4	The Bidder should be either a body incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto or proprietary/partnership firm. A copy of certificate of incorporation shall be furnished along with the bid.	Company registration certificate Submitted	Company registration certificate Submitted	Proprietary, TIN submitted	Company registration certificate Submitted	Company registration certificate Submitted
5	Total Quantity Quoted by the Bidder (Nos.) must be at least 10% of the DNIT	325 & 2 (100%)	325 & 2(100%)	325 & 2(100%)	325	325 & 2
6	Total Value of the Offered Quantity (Rs. in Lakhs)	0.6075	0.6075	0.6075	0.5362	0.6075
7	Monthly Established Quantity (Nos.)	250	325 & 2	350	1000	100
8	State and Place of Billing	Sonapat, Haryana	Noida UP/Neemrana, RJ	Bhadurgarh, Haryana	Gurugram	Gurgaon
9	Bidder should be a registered manufacturer of at least one major component to be deployed in the system/ project i.e. Solar PV Module or Battery or Balance of System (BOS). OR System Integrator	LED Luminaire	Solar PV Module & LED Luminaire	LED Luminaire	LED Luminaire	LED Luminaire
10	Bidder should have to submit the test report of the tendered Model of the system in their name, prior to the opening of the financial bid. However, the firm has to upload the acknowledgement receipt, of the sample submitted for testing of the tendered Model of the system, of a MNRE/NABL/IEC accredited testing centre at the time of online bidding	Incomplete Test report	Test report submitted	Acknowledgement submitted	Test report submitted	Not Submitted
11	The bidder should have minimum average annual turnover 30% of the total estimated value of minimum quantity/ capacity quoted by the bidder in the last three years, ending 31st March of the previous Financial Year i.e. upto 2016-17 Micro Enterprises : Concession of 80% on Turnover condition imposed as qualifying criteria Small Enterprises : Concession of 70% on Turnover condition imposed as qualifying criteria	1169.58 lakh	4834.37 Lakh	174.83 lacs	1119.94 lakh	376.55 Lakh
12	Bidder should have not been debarred/blacklisted by any Govt. Deptt's / organization/ PSU's / institutions/ agencies/ autonomous Organizations.	Certificate Submitted	Certificate Submitted	Certificate Submitted	Certificate Submitted	Certificate Submitted
13	The Bidder should have valid GST certificate in any state. A copy of which should be enclosed.	06AALCS5352B1ZI,	09AAACR0232Q2Z7	06AQGPP0869A1Z0	06AAACC2588E1ZV	06AAGCP8329Q1Z0
14	Experience and Past Performance of having successfully completed similar purchase/rate contracts during last three years upto the last date of bid submission, to any State / Centre Govt. Agency / Department/ Organization/ autonomous body, shall be as under :Similar & relevant works/ contracts costing not less than the amount equal to 40% of the estimated value of minimum quantity/ capacity quoted by the bidder. Exempted for the Manufacturing Micro, Small & Medium Enterprises (MSEs) (including Khadi & Village Industries/Units) who have filed Entrepreneur Memorandum/UAM in Haryana and further:- Those MSEs have quality certification of ISI/ISO/AGMark/Quality Mark issued from competent authority in State or Central Govt. in respect of items/goods mentioned in the tender OR/AND Those who are registered with DGS&D/NSIC/GOI Department/ State Govt. Department/GOI PSUs/State Govt. PSUs in respect of the item/ goods mentioned in the tender	Experience fulfilled	Experience fulfilled	NSIC certificate attached For "Assembly of LED based Solar street light"	Experience fulfilled	Experience fulfilled
15	The bidder should have positive net worth in the last three years, ending 31 <sup>st</sup> March of the previous Financial Year.	90.67 lakh	612.16 lakh	4.84 lakh	210.45 lakh	37.85 lakh
	REMARKS	Need to produced the complete test report		EMD exemption document not as per DNIT		Test report of the tendered Model of the system in their name not submitted

*Handwritten signature/initials*

TECHNICAL EVALUATION OF TEST REPORT OF LED BASED SOLAR STREET LIGHTING

ITEM	Major Requirements as per DNT	Sangwan Energy Systems Pvt Ltd, Sonapat	Ritika Systems Pvt Ltd, Noida	McCromik industries, Bahadurgarh	CASE, Gurugram	PolyPhase Gurugram
	Test Laboratory	1.	2.	3.	4.	5.
Module	Make 40 W Efficiency-14%	Incomplete Test report	Ritika 43.00 W 13.9%	Rhine Solar Ltd 42.3 Watt 13.4%	HVR Solar 40.41 W 14.42%	Waree Not provided Not provided
Battery	Make Min. 160Wh battery Lithium ferro phosphate Bis Standard/International Standard	Incomplete Test report	Costlight/Exide 192.5 Wh/162.13 Wh Lithium ferro phosphate BIS Standard	Euction/Costlight 160 Wh/ 192Wh Lithium ferro phosphate BIS Standard	Harbin Costlight 160 Wh Lithium ferro phosphate BIS Standard	Okaya 160 Wh Lithium ferro phosphate IEC
LED Lights (12V DC)	Make Max. 7 W- (16 lux) Electronic Efficiency>85% Duty Cycle (dust to dawn)	Incomplete Test report	Ritika 6.40 W (23.71 Lux) 92.62 % Comply	Acknowledgement submitted	CASE 6.47 W (22.2 Lux) 87.80% Comply	Not provided
Electronics Protection	No load Protection Battery Over Charge & deep discharge Battery Reverse Polarity Fuse for Short Circuit Protection Reverse Flow protection Load Reconnect at 80% of battery capacity Temperature compensation No load Consumption less than 20 mA	Incomplete Test report	Provided Provided Provided Provided Provided 12.47 V Provided 7.00 mA	Acknowledgement submitted	Provided Provided Provided Provided 12.56 V Provided 6.577 mA	Not provided
Remark	Matching as per sample submitted	Need to check if complete test report will be submitted Incomplete test report Only make of sample is checked performance evaluation is not done.	As per sample Only make of sample is checked performance evaluation is not done.	As per sample (battery make is intrinsic) Efficiency of Solar Module is less. Only make of sample is checked performance evaluation is not done.	As per sample Tie up certificate with HVR solar & Harbin Costlight not submitted. Only make of sample is checked performance	Only sample of LED is submitted Test report not submitted

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TECHNICAL EVALUATION OF TEST REPORTS OF HIGH MAST LIGHTS

ITEM	Major Requirements as per DNIT	Sangwan Energy Systems Pvt Ltd, Sonepat	Ritika Systems Pvt Ltd, Noida	McCromik industries, Bahadurgarh	CASE, Gurugram	PolyPhase Gurugram
		1.	2.	3.	4.	5.
Module	Make 125 W Efficiency-14% Test Laboratory	Insolation Energy Incomplete test report	Ritika 126.7W 14.9% NISE	Rhine Solar 147.3W 14.8% NISE	Not participated	Waree Not provided
Battery	IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited Laboratory	TUV Rheinland	SGS	TUV Rheinland		
LED Lights	Make Max. 30 W Min. 140 lumens per watt (4200) Electronic Efficiency > 85% Test Laboratory	EUCLION Min. 729.6 VAh battery Lithium ferro phosphate BIS standard	Exide/Costlight Min. 729.6 VAh Lithium ferro phosphate BIS standard for Exide need to check	Costlight/ EUCLION Min. 729.6 VAh/768 Wh Lithium ferro phosphate BIS standard	Acknowledgement submitted	Okaya Min. 729.6 VAh battery Lithium ferro phosphate International Standard
Remarks		Inixy 30 W 4312 86.43% Bharat Test House	Test report Not submitted	Wattage of Modules is higher than requirement		Individual report of module, LED lights not submitted

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23/11/18