

Bid Document

Bid Details	
Bid End Date/Time	07-06-2019 18:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Assam
Department Name	Power Department, Assam
Organisation Name	Assam Electricity Grid Corporation Limited
Office Name	Head Office
Total Quantity	540
Item Category	solar street lighting and renewable energy street lighting
Average Turnover (Last 3 Years)	67 Lakh (s)
Experience with Government Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	No
Document required from seller	Experience with Government,Annual Turnover,Certificate (Requested in ATC),OEM Authorization Certificate
Bid to RA enabled	No

Solar Street Lighting And Renewable Energy Street Lighting (540)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Confirm to specification	As per MNRE specification for Solar Photovoltaic Lighting Systems & Power Packs - White LED (W-LED) Based Solar Street Lighting Systems	*

	Model as per MNRE Specification	Model I	Model I
	Battery	Model II:with Lead Acid Battery. Operates from dusk to dawn (first four hours at full brightness & rest of the time at lower light level, with motion sensor)	Model II:with Lead Acid Battery. Operates from dusk to dawn (first four hours at full brightness & rest of the time at lower light level, with motion sensor)
	Colour temperature of White - LED (deg K)	5500 deg K to 6500 deg K	*
	PV module (Wp) under STC (Wp)	Model I: 40	Model I: 40
	Battery capacity (12V-AH @ C/10) to be selected as per model in line with MNRE specification for guidelines	40 AH	40 AH, 120WAh
	Scope of supply	with erection and commissioning at consignee end	with erection and commissioning at consignee end
CONSTRUCTIONAL	Autonomy	For Model I: 3 days or minimum 42operating hours per permissible discharge	*
	Type of Light source	White light emitting diode (W-LED)	*
	Light output (Lux) Must declare as per MNRE specification	-	*
	Duty cycle	Dusk to dawn as per MNRE	*
	PV module chemistry	Crystalline silicon solar cells	*
	PV module efficiency (%)	> / = 12	*
	No load current consumption (mA) Must declare (not more than 20 mA)	</=20 mA	*
	Necessary cables and connectors as part of supply of lighting system	Yes	*
CERTIFICATIONS	Battery Type, make and model	-	*
	PV module certification	For humidity, freeze	*

	and damp heat tests certificate conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited laboratory	
Warranty for street lighting system including battery (Years)	>/=5	*
Warranty for Pv module (Years)	> / = 25	*
Availability of test reports from Central Government or NABL or ILAC accredited Lab covering all the parameters as per MNRE specification	Yes	*
Test Report No.	-	*
Test Report date	-	*
Name of Test lab	-	*
Address of the Test lab	-	*
Make Model Number Country of origin and technical charecteristics (including IESNA LM -80 report) of W -LED	-	*

* Bold specifications are the golden parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	AGM, Kahilipara GSS	,132kV Kahilipara GSS, AEGCL, Kahilipara, Guwahti-781019. Contact: Mithun Aich, dgmlattcircle@yahoo.com	15	90
2	AGM, Kahilipara GSS	,132kV Chnadrapur GSS, AEGCL, Chandrapur, Guwahati-781150, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
3	AGM, Kahilipara GSS	,132kV Capital GSS, AEGCL, Dispur-781005, Contact: Mithun Aich,	10	90

		dgmlattcircle@yahoo.com		
4	AGM, Sarusajai GSS	,220kV Sarusajai GSS, AEGCL, Lohra, Ghy-781040, Contact: Mithun Aich, dgmlattcircle@yahoo.com	20	90
5	AGM, Goalpara T&T Division	,220kV Agia GSS Division, AEGCL, Goalpara, Assam-783120, Contact: Mithun Aich, dgmlattcircle@yahoo.com	15	90
6	AGM, Goalpara T&T Division	,220kV Boko GSS, AEGCL, Balugkhata, Assam-781123, Contact: Mithun Aich, dgmlattcircle@yahoo.com	15	90
7	AGM, Rangia GSS	,220kV Rangia GSS, AEGCL, Chirakhundi, Assam-781354, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
8	AGM, Rangia GSS	,132kV Sipajhar GSS, AEGCL, Mangaldoi, Assam-784125, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
9	AGM, Rangia GSS	,132kV Nalbari GSS, AEGCL, Shoritali, Assam-781337, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
10	AGM, Guwahati Transmission Division	,132kV Narengi GSS, AEGCL, Narengi, Guwahati -781026, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
11	AGM, Guwahati Transmission Division	,132kV Baghjap GSS, AEGCL, (Jagiraod), Morigaon, Assam-782411, Contact: Mithun Aich, dgmlattcircle@yahoo.com	10	90
12	AGM, Guwahati Transmission Division	,132kV Sishgugram GSS, AEGCL, Amingaon, Guwahati-781041, Contact: Mithun Aich, dgmlattcircle@yahoo.com	15	90
13	The AGM, Jorhat T&T Division	0,132/33kV Grid Sub-Station, AEGCL, Bokajan, P.O.-CCI Bokajan, PIN-782490, Dist.-Karbi Anglong. Contact: NAYANJYOTI KULI, aegclbokajan@gmail.com, 7002949313	10	90
14	The AGM, Jorhat T&T Division	0,132kV Grid Sub-Station, AEGCL, Bokakhat, Golaghat, Contact: SRI ASHWINI KR. GOGOI,	10	90

		bokakhataegcl@gmail.com 9435720669		
15	The AGM, Jorhat T&T Division	0,132kV Grid Sub-Station, AEGCL, Diphu, Karbi Anglong, Contact: SRI BORSING ENGTI, aegclDiphu@gmail.com 9859927353	10	90
16	The AGM, Jorhat T&T Division	0,132/33kV Grid Sub- Station, AEGCL, Golaghat, P.O.: Bengenakhowa, PIN: 785702, Dist.: Golaghat, Contact: PINKUMONI BORUAH, aegcl.golaghat@gmail.com 9435505955	10	90
17	The AGM, 220 KV Mariani GSS	0,132 kV Grid Sub-Station, AEGCL, Garmur, P.O.: Garmur, PIN: 785007, Dist.: Jorhat, Contact: SRI ARCHAN GOSWAMI, aegcl.garmur.jor hat@gmail.com, 8638051421	10	90
18	The AGM, 220 KV Mariani GSS	0,220 kV Grid Sub-Station, AEGCL, Mariani, Nagajangka, P.O.:Mariani, PIN: 785634, Dist: Jorhat, Contact: SRI ARCHAN GOSWAMI, aegcl.garmur.jor hat@gmail.com, 8638051421	15	90
19	The AGM, 220 KV Tinsukia GSS	0,132kV Grid Sub-Station, AEGCL, Margherita, Ledo-786182 Dist.: Tinsukia, Contact: NILOTPOL GOGOI, n ilotpalgogoi1961@gmail.co m 9954476141	20	90
20	The AGM, 132 KV Nazira GSS	0,132kV Grid Sub-Station, AEGCL, Nazira, Contact: MOUSUMEE BORI, mousumee.b1@gmail.com, 8638276080	10	90
21	The AGM, 132 KV Nazira GSS	0,132kV Grid Sub-Station, AEGCL, Betbari, HASIBUR RAHMAN, hasiburrahman69 984@gmail.com 8638703843	10	90
22	The AGM, 220 KV Tinsukia GSS	0,132kV Grid Sub-Station, AEGCL, AEGCL, Rupai-786153, Dist.: Tinsukia, Contact: BHASKAR JYOTI GOGOI, rerupai123@gmail.com	10	90

		8721861165		
23	The AGM, 220 KV Tinsukia GSS	0,220kV GSS, AEGCL, Makum Road, P.O.: Sukanpukhuri, PIN: 786146, Tinsukia, Contact: H.S. MOHAN agm.tinsukia.aegcl@gmail.com, 8011635425	10	90
24	The AGM, 132 KV Dibrugarh GSS	0,220/132/ 33 kV EHV Grid Substation, NTPS, PIN: 786622, Dibrugarh, Contact: SRI PANGKHA BOHAM, express2boham@gmail.com 9435569041	20	90
25	The AGM, 132 KV Dibrugarh GSS	0,132kV Grid Sub-Station, AEGCL, Moran, PIN: 785669, Dist.: Sivasagar, Contact: SRI RAJJIT DEORY, r1jj55t@gmail.com 9101203143	10	90
26	The AGM, 132 KV Dibrugarh GSS	0,132kV Grid Sub-Station, AEGCL, Dibrugarh, Kadamoni, PIN: 786001, Dibrugarh, Contact: SRI HIMANGSHU RAAJ GOGOI himangshuraaj.gogoi@gmail.com 9435725030	10	90
27	AGM, Silchar T&T Division	0,132/33 kV Srikona GSS, Contact: Mr. Raju Singh, 7002277339	10	90
28	AGM, Silchar T&T Division	0,132/33 kV Pailapool GSS, Contact: Mr. Gautam Das, 8473916884, 9435370096	10	90
29	AGM, Silchar T&T Division	0,132/33 kV Haflong GSS, Contact: Mr. Lohit Hasnu, 9954336103	10	90
30	AGM, 132 KV Panchgram GSS	0,132/33 kV Panchgram GSS. Contact: Mr. Faisul Hussain Hasmi (AGM). 9435130555	10	90
31	AGM, 132 KV Panchgram GSS	0,132/33 kV Dullavchera GSS. Contact: Pradip Ranjan Sen. 8486936160	10	90
32	Sri Suraj Kumar Daimary, AGM, 132kV Dhaligaon Substation	0,O/o of the Assistant General Manager, 132kV Dhaligaon Substation Division, AEGCL Dhaligaon, Chirang : 783385, Assam. 9435194549	10	90

33	Sri Uttam Debnath, RE, 132kV Barnagar Grid Substation	0,O/o of the Resident Engineer, 132kV Barnagar Grid Substation, AEGCL, Sorbhog, Barpeta: 781317, Assam. 9864423885	10	90
34	Sri Samusena Rajkumar, RE, 132kV Gauripur Grid Substation, AEGCL, Dhaligaon	0,Transmission Sub-Division, AEGCL, Matiabag, P.O. Gauripur, PIN : 783331, Dhubri, Assam. 9435126126	10	90
35	Sri Supratik Paul, RE, 132kV APM Grid Substation	0,132/33kV APM Grid Substation, AEGCL, Jogighopa, P.O.: A.P. Mills, Pin: 783388, Bongaigaon, Assam. 9706178379	10	90
36	Sri Saradindu Dey, RE, 132kV Joyma Grid Substation	0,132kV Grid Substation, AEGCL, Joyma, Gossaigaon, Pin: 783360, Kokrajhar, Assam. 9707042486	10	90
37	Sri Balabanta Basumatary, AGM, 220kV Salakati Grid Substation	0,220kV Salakati Grid Substation, AEGCL, Salakati, BTAD, Kokrajhar, Assam, Pin: 783369. 9435737222	15	90
38	AGM, Depota GSS, BP Tiniali, Tezpur-784154	0,132 kV GSS, Pavo, Biswanath Chariali. Contact: Narayan Sarma email:ns4014348@gmail.com.Ph-9435338038	10	90
39	AGM, Depota GSS, BP Tiniali, Tezpur-784154	0,132 kV GSS, Depota, BP Tiniali, Tezpur, Sonitpur. Contact: Revotee Mohan Phukan email:rmphukan@gmail.com . Ph- 8876777167	10	90
40	AGM, T&T Division, North Lakhimpur	0,132 kV Hatigarh GSS, Dhemaji-757057. Contact: Bolin Saikia email:tntdhemaji132@gmail.com. Ph - 9954936837	10	90
41	AGM, Depota GSS, BP Tiniali, Tezpur-784154	0,132 kV GSS, Gohpur, Biswanath. Contact: Dilip Saikia email:saikiadilip76@gmail.com. Ph: 9854118212	10	90
42	AGM, T&T Division, North Lakhimpur	0,132 kV Nalkata GSS, North Lakhimpur-787031. Contact: Lakshmi Nandan Chutia email:Manager.aegclnalkata@gmail.com, ph- 9435722443	10	90
43	AGM, T&T Division, North Lakhimpur	0,132 kV Majuli GSS, Garmur-785104. Contact Partha Pratim Deori email:pratimpartha.deori71@gmail.c	10	90

		om. Ph- 9101415499		
44	AGM, 220 kV GSS, AEGCL, Samaguri-782140	0,132 kV GSS, Sankardevnagar. Contact: Seram Babasana Singh email: S.babasana@gmail.com. Ph:9859110827	10	90
45	AGM, Depota GSS, BP Tiniali, Tezpur-784154	0,132 kV GSS, Rowta, Udalguri, BTAD. Contact: Bipul Kachari email:kacharibipul77@gmail.com. Ph - 9435512280	10	90
46	AGM, 220 kV GSS, AEGCL, Samaguri-782140	0,220 kV GSS, AEGCL, Samaguri-782140. Contact: Gautam Das email:aegclsmg@gmail.com. Ph:9435020827	20	90
47	The AGM, Sarusajai GSS	0,Delivery destination:Karbi Langpi HEP,APGCL, Lengery,Karbi Anglong, PIN-782450 Contact: Wahidur Rehman, Ph-9435199056	10	90

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	361800

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	62

Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- 2. Availability of service Centres :** Bidder /OEM must have Service Centre In the State of each Consignee's Location
- 3. Dedicated toll Free Telephone No. for Service Support :** BIDDER /OEM must have **Dedicated toll Free Telephone No. for Service Support**
- 4. Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of

the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).

(i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.

(ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.

Seller to give compliance Yes / No while submitting bid.

5. **Escalation Matrix For Service Support** : Bidder /OEM must provide **Escalation Matrix of Telephone Numbers for Service Support**

6. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---