

NEW & RENEWABLE ENERGY DEVELOPMENT CORPORATION OF AP Ltd
#5-8-207/2, PISGAH COMPLEX, NAMPALLY, HYDERABAD – 500 001
Phone Nos: 040 – 23202391: 23203376: Fax 040 – 23201666:
E-mail, info@nedcap.gov.in

Date 21 -2-2012

ADDENDUM

In continuation to our tender document published on 2-2-2012, the last date for receipt of filled in tender documents has been extended up to 5-3-2012 at 3.00 PM and the technical bids will be opened at 4.00 PM on the same day.

Sd/- on 21-2-12
VC & MANAGING DIRECTOR



NEW & RENEWABLE ENERGY DEVELOPMENT CORPORATION OF AP Ltd 5-8-
207/2, PISGAH COMPLEX, NAMPALLY, HYDERABAD – 500 001
Phone Nos: 040 – 23202391: 23203376: Fax 040 – 23201666:
E-mail, info@nedcap.gov.in

Ref.No.NREDCAP/EC/1/2011-12.

Date 31 -1-2012

To

All the Reputed Manufacturers / Authorized Suppliers / Dealers of EELDs
(Copy to NEDCAP Web)

Sir,

Sub: Energy Conservation Act 2001 – Implementation of Energy Efficient
Lighting Devices programme – Calling for Quotations for supply of
CFLs, T5 FTLs and LED Street lights - Requested – Reg.

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M/s. New & Renewable Energy Development Corporation of Andhra Pradesh Ltd (NREDCAP) is the State Designated Agency for implementation of Energy Conservation Act 2001 in the State of Andhra Pradesh. As part of EC Act, we are taking up of Energy Efficient Lighting Devices programme in the State.

In this connection, we are interested to purchase the Energy Efficient Lighting Device's as mentioned in the Annexure – I, II & III and specifications for street lights as mentioned at annexure-IV. An advertisement for this is also being issued.

In this regard, you are requested to furnish the quotations for both technical and financial bids (Annexure-V & VI) in the enclosed formats, for the items shown in the annexure I, II & III. The prices should be quoted excluding VAT / CST (VAT / CST is to be shown separately). The prices should be quoted per unit and for the total quantity with DISCOM wise in the financial bidding application. Lowest prices will be considered item wise and accordingly purchase orders will be issued DISCOM wise, to those who are qualified technically and quoted the lowest price.

: 2:

Terms & Conditions:

1. The Stock is to be safely packed and dispatched to the district offices of NREDCAP on door delivery basis.
2. Any damage during the transit is to the account of the supplier and the damaged items should be replaced within 20 days at the cost of supplier.
3. The Prices quoted should be inclusive of transportation, packing and forwarding charges.
4. The lighting systems supplied shall be given guarantee for 1 year for CFLs, T5 FTLs from the date of receipt of the Stock and 2 years for LED Street Lights from the date of installation at the villages.
5. The CFLs supplied should have not less than 0.85 PF with ISI mark.
6. In case of T5 FTLs the PF should be not less than 0.9
7. Specifications for LED Street lights please be seen at Annexure – IV and the test reports of LED Street Lights from any National Accreditation Bureau of Laboratories (NABL) shall be furnished along with bids.
8. The qualified lowest bidder has to supply samples to NREDCAP, Hyderabad and obtain approval before supply of the material to the districts.
9. The stock should be supplied within 30 days from the date of receipt of purchase order.
10. 90% payment will be made to the supplier on supply of stock indented to the District Offices after testing and on receipt of certified invoices from the NREDCAP District Offices and remaining 10% will be released on completion of 1 year guarantee period in case of CFLs & T5 FTLs and 2 years for LED Street lights.
11. Any dispute on tender quotations, the decision of VC & MD of NREDCAP is final and binding. All legal matters are subject to Hyderabad Courts Jurisdiction.
12. EMD of 2 ½% on the, total bidding amount shall be paid by way of D.D. in favour of **NREDCAP, Hyderabad** and enclosed along with the sealed quotations. Any bid without EMD should be rejected.

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13. The EMD-DD's received will be returned to the firms within in a week after opening of bids, except in case of lowest bidder.
14. The cost of Bidding application is Rs.10, 000/- (Rupees ten thousand only) which shall have to be paid by way of DD in favour of NREDCAP, Hyderabad along with sealed bid quotations. If bid cost of Rs.10, 000/- is not paid, the bid shall be rejected.
15. Each page of bid / document should be signed by the authorized person with seal at the bottom of the document.

Your quotations in sealed cover super scribing “**Quotation for supply of Energy Efficient Lighting Systems**” with inner covers separately containing with technical bid application and financial bid application along with required documents shall reach this office on or before **3.00 PM** on **22-2-2012** and technical bids will be opened on the same day at 4.00 PM and financial bids will be opened at 4.00 PM on 29-2-2012. The suppliers qualified in the technical bids shall arrange the demonstration of their products at 11.00 AM on 28-2-2012 at NREDCAP Office.

Thanking you,

yours faithfully,

VC & MANAGING DIRECTOR

Note: The quotations are invited from the reputed Manufacturers / Suppliers / Dealers of Energy Efficient Lighting Devices who are able to supply the lighting devices with the specifications as mentioned in the terms and conditions.

Annexure - I

Statement Showing the details of Grampanchayat Offices

Sl.No.	Name of the DISCOM	Name of the Village	Name of the Mandal	District	CFLs			T5 FTLs	20W LED Street Lights	35 W LED Street Lights
					20 W	15 W	11 W			
1		2	3	4	5	6	7	8	9	10
1	APCPDCL	A.Narayanapuram	Nagireddy pally	Anantapur	-	-	-	-	26	18
2		Kannapu Kunta	Dhone	Kurnool	16	6	-	-	58	-
3		Nagapur	Sangareddy	Medak	-	2	-	2	61	-
4		Hajipally	Farroqnagar	Mahabubnagar	10	5	-	5	41	-
5		Abbireddy Gudem	Garidepally	Nalgonda	-	-	-	4	67	-
6		Balijaguda	Hayathnagar	Ranga Reddy	-	-	-	-	63	-
Total					26	13		11	316	18
7	APNPDCL	Yallaram	Luxettipet	Adilabad	-	-	-	-	80	-
8		Lakshmidvipalli,	Thimmapur	Karimnagar	-	4	-	1	20	-
9		Ramapuram	Bonakal	Khammam	60		-	-	30	-
10		Meesanipally	Yellareddy	Nizamabad	140	140	-	-	40	10
Total					200	144		1	170	10
11	APSPDCL	Peddathanda,	Zillellamanda	Chittoor	-	-	-	-	-	32
12		Jakkampudi	Vijayawada Rural	Krishna	4	2	-	-	120	-
13		Ranangivaram	J.Panguluru	Prakasam	-	-	-	-	112	-
Total					4	2			232	32
14	APEPDCL	Gokavaram	Prathipadu	East Godavari	-	30	-	-	-	-
15		Rajala	Rambilli	Vishakapatnam	-	13	-	-	25	-
16		Kotarubilli	Gantyada	Vizianagaram	2	-	-	-	31	10
17		Kalisipudi	Undi	W.Godavari	-	-	56	-	54	-
Total					2	43	56		110	10
Grand total					232	202	56	12	828	70

Annesure - II

Statement showing the details of villages

Sl.	Name of				No.of	CFLs			T5 FTLs
No	the DISCOM	Name of the Village	Mandal	District	House holds	20W	15 W	11 W	
1	2	3	4	5	6	7	8	9	10
1	APCPDCL	A.Narayanapuram	Nagireddy pally	Anantapur	186		531	8	469
2		Kannapu Kunta	Dhone	Kurnool	257	7	615	363	213
3		Nagapur	Sangareddy	Medak	158	-	256	149	96
4		Hajipally	Farroqnagar	Mahabubnagar	247	630	521	-	288
5		Abbireddy Gudem	Garidepally	Nalgonda	277	-	747	-	365
6		Balijaguda	Hayathnagar	Ranga Reddy	135	28	298	-	245
Total					1260	665	2968	520	1676
7	APNPDCL	Yallaram	Luxettipet	Adilabad	335	-	615	-	-
8		Lakshmidivipalli,	Thimmapur	Karimnagar	131	1	426	87	77
9		Ramapuram	Bonakal	Khammam	223	-	636	-	96
10		Meesanipally	Yellareddy	Nizamabad	202	4	408	313	51
Total					891	5	2085	400	224
11	APSPDCL	Peddathanda,	Zillellamanda	Chittoor	217	21	516	14	91
12		Jakkampudi	Vijayawada Rural	Krishna	219	-	331	-	401
13		Ranangivaram	J.Panguluru	Prakasam	301	731	95	74	621
Total					737	752	942	88	1113
14	APEPDCL	Gokavaram	Prathipadu	East Godavari	97	-	230	-	20
15		Rajala	Rambilli	Vishakapatnam	124	-	321	86	91
16		Kotarubilli	Gantyada	Vizianagaram	184	2	457	-	213
17		Kalisipudi	Undi	W.Godavari	330	-	1256	26	-
Total					735	2	2264	112	324
Grand total					3623	1424	8259	1120	3337

ANNEXURE - III

Statement showing the details of villages identified for installation of led based Street Lights

Sl.No	Name of the DISCOM	Name of the Village	Name of the Mandal	District	20w LED Lights	35w LED Light
1		2	3	4	5	6
1	APCPDCL	Brahmasamudram	Brahmasamudram	Anantapur	40	
2		Laxmaiahkunta Thanda	Gadivemula	Kurnool	39	
3		Moosapet	Narsapur	Medak	55	
4		Dooskal SC Colony	Farroqnagar	Mahabubnagar	30	
5		Manasavihar	Marriguda GP	Nalgonda	23	
6		Thammaloniguda	Yacharam	Ranga Reddy	54	
Total					241	
7	APNPDCL	Anakapur	Adilabad	Adilabad	40	
8		Nallaguntaplle	Karimnagar	Karimnagar	25	
9		Pedda Golla Gudem	Dhammapet	Khammam	104	
10		Naadipally & N Thanda	Ditchpally	Nizamabad	60	
11		Mariya Puram	Geasukonda	Warangal	117	
Total					346	
12	APSPDCL	Kottala	Chandragiri	Chittoor	46	1
13		Diguvamagham	Tavanam palli	- do -	32	
14		Damuluru	Ibrahimpattanam	Krishna	51	
15		Kasyapuram	J.Pongalur	Prakasam	30	
16		Gangireddypalem	Bellamkonda	Guntur	40	
17		Putturvarikandrika	Muttukur	Nellore	36	
18	Devagudi	Jammalamadugu	Kadapa	50		
Total					285	1
19	APEPDCL	Seethapally	Rampachodavaram	East Godavari	28	
20		L.Kothuru	Yelamanchili	Vishakapatnam	28	
21		Goddupalem	Denkada	Vizianagaram	78	
22		Velagapally	Chintalapudi	W.Godavari	35	
23		Boddam	Polaki	Srikakulam	41	
Total					210	
Grand total					1082	1

Technical Specifications of LED Street Lights 20W

Sl.No.	Description	Units
1	Input Voltage	150-290V AC
2	Electronic Protections	Short Circuit Protection , Over Voltage Protection, Over Current Protection
3	LED Total input load	20 Watts
4	LED Output Power	Typically 18 watts
5	LED Make	Nichia / Cree / Indian made any
6	Electronic Efficiency	> 80%
7	Efficacy of Individual LED	>130 lm/W
8	Luminaire Efficacy	> 90 lm/W
9	Constant Luminous flux	>1650Lm
10	Ingress Protection rating	Comply to IP 65 standards
11	CCT & CRI	5000K – 6500K, Ra>70
12	Operating Temperature	-20 ⁰ to +50 ⁰ C
13	Working Humidity	RH 10% - 90%
14	Effective Life time	>50,000 Hours
15	PCB	Metal core PCB for effective heat extraction
16	Heat sink	Pressure Die-cast Aluminum alloy
17	Mounting	Suitable to the existing T12 bracket
18	Dimensions	Suitable to the mounting of existing T12 support bracket
19	Light Distribution pattern	Asymmetrical beam pattern
20	Input Current for LED	<350mA

Technical Specifications of LED Street Lights 35W

Sl.No.	Description	Units
1	Input Voltage	150-290V AC
2	Electronic Protections	Short Circuit Protection , Over Voltage Protection, Over Current Protection
3	LED Total input load	35 Watts
4	LED Output Power	Typically 32 watts
5	LED Make	Nichia / Cree / Indian made any
6	Electronic Efficiency	> 80%
7	Efficacy of Individual LED	>130 lm/W
8	Luminaire Efficacy	> 90 lm/W
9	Constant Luminous flux	>2900 Lm
10	Ingress Protection rating	Comply to IP 65 standards
11	CCT & CRI	5000K – 6500K, Ra>70
12	Operating Temperature	-20 ⁰ to +50 ⁰ C
13	Working Humidity	RH 10% - 90%
14	Effective Life time	>50,000 Hours
15	PCB	Metal core PCB for effective heat extraction
16	Heat sink	Pressure Die-cast Aluminum alloy
17	Mounting	Suitable to the existing SV lamp bracket
18	Dimensions	Suitable to the mounting of existing SV Lamp support bracket
19	Light Distribution pattern	Asymmetrical beam pattern
20	Input Current for LED	<630mA

APPLICATION FOR TECHNICAL BIDDING

Name of the Supplier / Authorized Dealer / Manufacturer with full address	
Contact Person & Designation	
Contact No.	Phone No: Cell No: Email address:
Specifications of CFLs	<ol style="list-style-type: none"> 1. Operating Voltage 2. Operating current 3. Power Factor 4. Whether ISI Mark or not 5. Lux for Watt 6. Correlated colour temperature (CCT) 7. Colour rendering index (CRI)
Specification of LED Street lights	1) 20w LED Street Light Spaces not sufficient enclose separately.
	2) 35w LED Street Light Spaces not sufficient enclose separately.

Test Reports of LEDs from NABL approved laboratories enclosed	Yes / No
If yes details of test report enclosed	1 2 3 4
Bid application cost of Rs.10,000/- (DD from any scheduled bank will be accepted)	DD No. Date: Name of the Bank And Branch:
EMD of 2 ½% on bid amount	DD No. Date: Name of the Bank And Branch:

SIGNATURE OF AUTHORIZED PERSON OF THE FIRM

NAME OF THE AUTHORIZED PERSON:

SEAL OF THE FIRM

DATE:

PLACE:

APPLICATION FOR FINANCIAL BIDDING

Name of the Supplier / Authorized Dealer / Manufacturer with full address	
Contact Person & Designation	
Contact No.	Phone No: Cell No: Email address:
Name of the DISCOM for the supply of EELDs applied	APCPDCL / APSPDCL / APNPDCL / APEPDCL
Amount quoted item wise	1. 20w CFL 2. 15W CFL 3. 11W CFL 4. T5 FTL with Tube without diffuser 5. 20W LED Street Light 6. 35w LED Street Light
Total amount should be quoted for supply of EELDs quantities as per Annexure – I , II & III DISCOM wise	I) APCPDCL 1. 20w CFL X 691 nos = 2. 15W CFL x 2981 nos = 3. 11W CFL x 520 nos = 4. T5 FTL with Tube x 1687 nos = without diffuser 5. 20W LED Street Light x 557 nos. = 6. 35w LED Street Light x 18 nos = Total Rs. =
	II) APNPDCL

	<ol style="list-style-type: none"> 1. 20w CFL x 205 nos = 2. 15W CFL x 2229 nos = 3. 11W CFL x 400 nos = 4. T5 FTL with Tube x 225 nos = without diffuser 5. 20W LED Street Light x 516 nos = 6. 35w LED Street Light x 10 nos = <p style="text-align: right;">Total Rs. =</p>
	<p>III) APSPDCL</p> <ol style="list-style-type: none"> 1. 20w CFL x 756 nos = 2. 15W CFL x 944 nos = 3. 11W CFL x 88 nos = 4. T5 FTL with x 1113 nos = Tube without diffuser 5. 20W LED Street Light x 517 nos = 6. 35w LED Street Light x 33 nos = <p style="text-align: right;">Total Rs. =</p>
	<p>IV) APEPDCL</p> <ol style="list-style-type: none"> 1. 20w CFL x 4 nos = 2. 15W CFL x 2307 nos = 3. 11W CFL x 168 nos = 4. T5 FTL with Tube x 324 nos = without diffuser 5. 20W LED Street Light x 320 nos = 6. 35w LED Street Light x 10 nos = <p style="text-align: right;">Total Rs. =</p>

SIGNATURE OF AUTHORIZED PERSON OF THE FIRM

NAME OF THE AUTHORIZED PERSON:

SEAL OF THE FIRM

DATE:

PLACE: