

**Schedule Bid for Expression of  
Interest for Selection of Vender  
for Supply & Installation of  
LED/Solar/High Mast Lights &  
Solar Drinking Water Supply  
System**

**District Rural Development Agency  
Gajapati, Paralakhemundi**



Letter No. 5341

Date: 18/11/2019

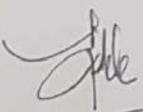
**Invitation for Expression of Interest**

District Rural Development Agency, Gajapati District, Paralakhemundi invites sealed bid on Expression of Interest for selection of Vendor and Unit Price for various types of LED street lights, Solar LED Street Lights, Hi-Mast LED & Solar lights as well as Individual different fixtures of street lighting of LED/Solar system, Solar based Drinking water system from the reputed registered manufacturing companies, Electrical Contractors, suppliers and authorized dealers with valid MV/LT License wherever as applicable from the Govt. of Odisha either in individual capacity or joint Venture firm in 2(two) bid system. The bidder who fulfils all qualifications and Criteria as specified can participate in the expression of interest for the purpose. The quoted price shall inclusive of GST, other taxes and conveyance Charges for supplying installation, commissioning including erection and installation and post maintenance for 5 years warranty / Guarantee for replacement in-situ in different Gram Panchayats of Gajapati District. The successful bidder if approved by the Technical Committee under Chairmanship of Collector, Gajapati District will be assigned the work by the different Gram Panchayat and Panchayat Samities of Gajapati District.

The detailed specification, General Terms & Conditions, Scope of work has been provided in scheduled Bid document at Annexure-I, II & III. The bid documents can be obtained from the Office of PD, DRDA, Gajapati District on payment of Rs. 1,000/- (Rupees One thousand) (non refundable) in shape of Bank Draft drawn in favour of PD, DRDA, Gajapati District, Paralakhemundi payable at Paralakhemundi during office hours from \_\_\_\_\_ to \_\_\_\_\_ till 01.00 PM (Excluding holidays).

The filled up bid documents shall be enclosed in a sealed envelope super Scribing "Bid for supply and installation of LED/Solar Lights" and may be dropped in drop box placed at office of the DRDA and to be closed at 2.00 PM on \_\_\_\_\_ and will be opened at 3.30 PM on the same day in presence of the bidders or their authorized agents who so ever is present. The bid papers completed in all aspect shall be submitted to "Project Director, DRDA, Gajapati District, Paralakhemundi, PIN-761200" through Speed Post/Registered Post also.

The bid documents received beyond the stipulated date & time agencies shall be rejected. The bidder participating for the expression of the interest should deposit an amount of Rs. 50,000/- (Rupees Fifty thousand) only in shape of Postal/Bank Deposit duly pledged in favour of PD, DRDA, Gajapati District as a pre-qualification security deposit.

  
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DRDA, Gajapati  
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DRDA, Gajapati

  
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The scheduled bid documents can also be downloaded from Gajapati District website i.e. <https://ori-dgajapati@nic.in> .In such case the bidder shall enclose Bank Draft Rs. 1,000/- (Non-refundable) drawn in favour of PD, DRDA, Gajapati along with the bid papers as a cost of bid documents. The successful bidder, if approved by the competent authority may be enlisted / empanelled as vender for the district for one year from the date of approval.

The authority reserve all rights to cancel all bids or any documents without assigning any reason thereof.

~~Collector-cum-CEO  
Zilla Parishad, Gajapati~~

Memo No: 5342

Date: 18/11/2019

Copy to Sub-Collector, Gajapati, Paralakhemundi for information & wide publication.

Copy to DIPRO, Gajapati, Paralakhemundi for information & wide publication.

Copy to DIO, NIC for information & he is requested to Web hoist the bid document in Gajapati District Portal.

Copy to all BOOs of Gajapati District for information & to display the bid notice in the Office Notice Board.

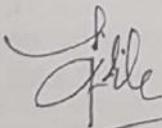
Copy to Addl.P.D. (Admn.) / Addl.P.D. (Tech.)/ APD (Fin.)/ HC /Accountant, DRDA & copy to Notice Board of DRDA for information & necessary action.

Copy to Editor, Sambad, Dharitri & Indian Express for information. They are requested to publish the Advertisement on their News Paper on dtd. \_\_\_\_\_ limited to size 8"X8" for one time and bill may be submitted to DRDA as per I & PR rate.

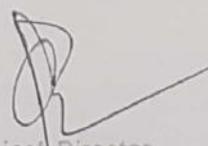
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Zilla Parishad, Gajapati~~

**ENCLOSURE:**

- ANNEXURE-I:- Description of Item along with Technical Specifications.  
ANNEXURE-II:- General Particulars with Terms & Conditions.  
ANNEXURE-III:- Financial Bid.

  
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D.R.D.A. GAJAPATI  
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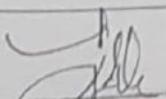
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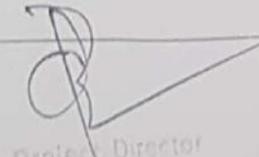
  
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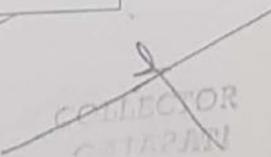
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DESCRIPTION OF ITEM ALONG WITH TECHNICAL SPECIFICATIONS

SL No	Description of Item
1	<p>Supplying, fitting, fixing, Commissioning &amp; Testing of <b>LED Street Lighting System</b> of 30 Watt/ 45 Watt./ 48 watt, Of approved branded Company having ISO Certification GI Tubular Pole (Having ISI marking) of 7.00 Mtr. height (4"X3"X2.5") with base plate including foundation fitted with GI nuts &amp; bolts &amp; Anchor bolts upto ground level and concert coupling above GL and earthing coil including cost of AB cable (XCPE) (IX35+1X25) Sq MM, Pole clamps with t-hocks, dead and clamp, single arm GI brackets with one pair GI clamp with nut and bolt, and 1ph (10-60) A static meter with class-1 accuracy (tested by SOUTHCO UTILITY or Technical Committee) with 4 Sq MM aluminum Service Wire, Timer and control circuit with GI panel box (18"X 18) size with accessories as per the direction of the Engineer-In-Charge:</p> <p>a) 5 Pole Street Lighting System of 30 Watt/45 Watt. / 48 Watt.  b) 10 Pole Street Lighting System of 30 Watt/45 Watt. / 48 Watt.  C) 15 Pole Street Lighting System of 30 Watt/45 watt. /48 Watt.</p>
2	<p>Supplying, fitting, fixing, Commissioning &amp; Testing of <b>LED Street Lighting System</b> of 30 Watt/45 Watt./ 48 Watt. Of approved branded Company having ISO Certificate on <b>existing Street light poles</b> including cost of AB Cable (XCPE)(IX35+1X25) Sq MM, Pole clamps with l-hocks, dead and clamp, single arm GI brackets with one pair MS Clamp with nut and bolt, 10-16 A 1-phase statics meter with 4 Sq MM aluminum Service wire, Timer and Control circuit with GI panel box (18"X18) size with accessories complete as per the directions of the Engineer-In-Charge.</p> <p>a) 5 Pole Street Lighting System of 30 Watt/45 Watt. / 48 Watt.  b) 10 Pole Street Lighting System of 30 Watt/45 Watt. / 48 Watt.  C) 15 Pole Street Lighting System of 30 Watt/45 watt. /48 Watt.</p>
3	<p>Supplying, fitting, fixing, Commissioning &amp; Testing of <b>Mini High mast LED</b> fittings of different Watts i.e. 45 Watt /48Watt/ 80 Watt/90 Watt with GI Tubular Pole of 8.5 Mtr height, (5')( 4' X3') with base plate, (5') (2' X2') concrete foundation up to ground level &amp; concrete coupling of (900mm X 600mm X 150mm) above GL &amp; earthing coil including fixing of round GI bracket for 2-Arm/ 3-Arm, 2 core X 10 Sq MM PVC cable &amp; photo switch with timer and control circuit with GI panel box 18X"18 size with all accessories complete as per the direction of the Engineer-In Charge:</p> <p>a) 45 Watt 2-Arm/3-Arm/4-Arm  b) 48 watt 2-Arm/3-Arm/4-Arm  c) 80 watt 2-Arm/3-Arm/4-Arm  d) 90 watt 2-Arm/3-Arm/4-Arm</p>
4	<p><b>Supplying, fitting, fixing, Commissioning &amp; Testing of different types of fixtures for use in street lighting system:</b></p> <p>a) AB cable Aluminum (1 X 35+ 1 X 25) Sq MM including transportation, fitting, fixing etc., Pole Clamp with I hook Including fitting, fixing etc. Dead End Clamp including fitting, fixing etc.</p>

  
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- b) Single Arm GI bracket with one pair MS-Clamp with nut & bolt and fixing with pole etc.
- c) Timer and Control circuit with GI box (18" )(18" ) etc. Complete
- d) Service Wire Aluminum 4Sq MM including transportation & fitting, fixing etc.
- e) Supply of 1ph (10-60) A static meter with class-I accuracy (tested by SOUTHCO UTILITY(Technical Committee)
- f) Supply of LED lights of different Watts with Light fitting made of pressure die cast aluminum housing cover as diffuser with IP-66 protection i.e. 30 Watt/45Watt/48Watt/80Watt/90Watt including fitting, fixing with all labour charges and transportation along with commissioning & Testing work site.
- g) Supply fitting, fixing of GI Tubular pole of 8.5 Mtr height (4" )(3" )(2.5" ) dia with base plate and base foundation concrete coupling above GL with earthing coil.
- h) Supply fitting, fixing of GI Tubular pole of 7.0 Mtr height (4" ) (3" ) (2.5" ) dia with base plate and base foundation concrete up to GL and concrete coupling above GL with earthing coil.
- i) Supplying fitting, fixing of round GI bracket (4" center Pipe) of 2- Arm/3-Arm/4-Arm etc
- j) Supplying fitting, fixing of concrete coupling above GL and earthing coil (As per Rural Electrification standard for 7 mtr & 8.15 mtr tabular pole)
- k) Supply of GI box with 32 Amp DP switch & 16 Amp MCB with clamp and fixing on pole etc complete.

5 Supply of LED based 20/24 Watt 12.8 Volts (each), with approved branded Company having ISO certification and **Integrated Solar Street lighting System** (all in one) with integrated Solar Light, Lithium Ferro Phosphate battery & High efficiency solar charge controler, automatic dusk to dawn operation, 5 year product warranty with free replacement including design, installation Commissioning and maintenance for a period of 5 years of village Gram panchayats of Gajapati District will completes per direction of Engineer-In-Charge.

a) With Pole: - G.I. Tubular Pole of 7.00m height (4" ) (3" ) (2.5" ) Pole with base Plate including foundation fitted with nuts and bolts and anchor bolts up to ground level and concrete coupling above GL with all fitting clamps complete as per the direction of the Engineer-In-Charge.

b) Without Pole:- Pole with all fitting clamps complete as per the direction of the Engineer-In- Charge.

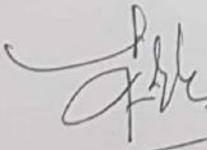
6 a) Supply of solar Photovoltaic Water Pumping System consisting of 1 HP (equivalent), submersible DC pump and photo voltaic solar panel ser of 975Wp, water level auto control & electronics etc. complete as per technical specification, Supply of 25 LDPE independent riser pipe of maximum 60m along with stainless cylinder, nipples m special water chamber, necessary fittings to the solar Photovoltaic water submersible pump set, etc. Complete to convert a hand pump to dual pump to dual pump as per GSDA specification /drawing. (In case of sanitary well float arrangement to provide complete in all respect) Supply of Hot dip galvanized MS Steel staging as per technical specification for composite.

**TECHINICAL SLPECIFICATION & LED BASED STREET LIGHT! MINI  
HIGH MAST LED ALL-IN-ONE**

With clear 7mtr. HDB tubular pole & bracket

Clear height	7 m and 1m in ground (For LED Street light), 8.5m & 1m in ground for High Mast Light)
Thickness of pole	3mm
Bottom Diameter	100 mm
Top Diameter	75mm
Size of base plate	250mm X 250mm
Thickness of base plate	12mm
Size of foundation bolt	250mm long 4 Nos of dia 25 mm
Over land of bracket	900mm
Size of bracket pipe	5mm outer dia
Material	Gr. Fe 410jGr. Fe500 IS 2062 UTs (mps) 510 min of IS 2062

1. Welding and fixations of all as per IS 9595 Coater thickness (minimum) 85 verage IS 479 with Zink coat 610 gm per Sq Mtr IS 4751.
2. Wiring & accessories should be as per approved quality and good workmanship.
3. Protection against mechanical & electrical failure should be provided, so that defects should not be detected during warranty j guaranty period.
4. Cables and conductor terminal connection should be properly designed and certified by the technical committee.
5. Protection against electrical shock earthing and its earthing terminals should be done perfectly.
6. Testing of insulator resistant test, high voltage test should be certified by the competent authority.
7. All examination should be in accordance with the specimen of IS 10322- 1985.

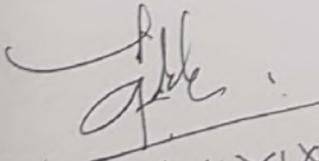
  
Mr. V. X. I. X.  
Addi. Project Director (Tech)  
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## Technical Specification of Mini High Mast with Solar GEL Battery

Parameter Description	Parameter
Product code	180W High Mast
Light Source	60watt Three Light Emitting Diode of approved brand approved by the Competent authority.
Supported PV module	150wp PV-poly crystalline PV module
Internal Battery	12V 75ah Solar Gel Battery (EXIDE) 5 Yrs Warranty /Guaranty with all fittings & Fixations.
LED chip used	Osram Oslon Square / Seoul Z5M2
Total Lumineous Flux	4000 Lumen
LED color temperature	5500K - 6500K
Color Redering Index	>70
Electronic Efficiency	Charge controller efficiency: >96% LED driver efficiency : >90%
. Duty Cycle	First six hour: 1 80w 100% light Rest: 90w 50% light
LED external optics	145 x 90 degree street-light lens
IP waterproof protection	IP66
Charge controller methodology	Three stage battery charge monitoring algorithm
Maximum charging current	12.0 amp each
Protections	0 Short circuit protection 0 Battery over charge protection 0 Battery Deep discharge protection 0 PV reverse voltage polarity protection 0 Battery reverse voltage polarity protection
Solar panel Dusk to Dawn operation	NTTV(Night Time Threshold Voltage):4.0 volt DT TV (Day Time Threshold Voltage)6.0 volt
Battery low, load disconnect voltage	11.2 volt
Battery full, load reconnect voltage	13.0 volt
Battery constant voltage set-point	14.7 volt

  
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LED indication	Green off: Battery not charging PV low Green on: Battery charging Green flashing: Battery full Red off: Battery not discharged Red on: Battery discharged, load disconnect
Ideal current consumption	Less than 10 ma
Overall dimension	340mm x 150mm x 120mm
Overall Weight	60 kg
Back Up time	Minimum 48 Hours
Pole	The tubular Pole shall be made of G.I. , with bottom dia 100mm & top 75mm i outer dia. The height of pole shall be 8m clear height from ground with LED light bar & 45 Watt Solar Panel structure & 1m Concert foundation with all installation.
Lighting Area	Left 150ft Radius

  
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### Technical Specification: 20W/24W Solar Street Light

ALL-IN-ONE Solar Street Light is Made in India with High Efficiency Multi Crystalline Solar PV Module, Lithium Ferro Phosphate battery, High Efficiency LED with MPPT Solar charge Controller & Aluminum Extruded/PDC body. ALL-IN-ONE is specially designed with PIR Motion Sensor to control the Light ON/Off during any activity near the light which increase the backup time and life of LiFeP04 battery

#### LED Luminaries with Fittings

SI No	Technical Specification	20 Watt/24 Watt
1	Luminaire Wattage	20 W/24W
2	LED Make	OSRAM/CREE/PHILIPS/NISIA
3	LED viewing angle	120°
4	Color Temperature	5700 K ± 5 %
5	Luminous Efficiency	> 170 lumen/watt
6	Lumen Output	> 3400 lumen
7	Life Span	> 50000 hours
8	Driver	In Built DC- DC type
9	Body	Alluminum Extruded/PDC Body
10	Protection	10 IP 66 Standards
11	Compliances Standard	LM 79 ,LM 80

#### Energy Storage system and controller

SI No	Technical Specification	20 Watt! 24 Watt
1	Battery (LiFeP04) Rechargeable	12.8V 30 Ah
2	Efficiency	> 93%
3	Battery Pack Safety	in built with PCM model
4	Solar Charge Controller Capacity	12V 5 A
5	Low-Voltage indication	YES
6	Charging indication	YES
7	Charge Controller	IGBT Technology
8	Other Protections	a. Over-Charge protection b. deep-discharge protection c. Over current protection d. Short circuit protection e. Over voltage protection
9	Temperature	10 to +60 °C
10	Life cycle	> 2000 cycle @C/5TO 80% OF initial CAPACITY
11	Compliances standard	IEC 62133::2012,BIS
12	Control	Maximum power point tracking (MPPT) based charge controller with integrated LED driver

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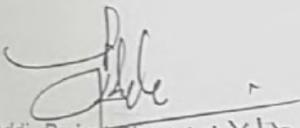
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13	Dusk to down operation	Provided
14	Motion Sensor	PIR Sensor
15	Motion Sensor Range	>10 M
16	Light Mounting Height	5 M above ground
17	Humidity range	0 to 95 % (non-condensing)

### SOLAR PANEL

Sl No	Technical Specification	20 Watt/24 Watt
1	Solar Cell	Premium grade Mono Crystalline Silicon Type
2	Solar Module Power	>40w
3	Compliances standard	3 IEC 61215, IEC 61701, IEC 61730
4	Life Cycle	>20 Years
5	Battery Back up	A minimum of 48 hours

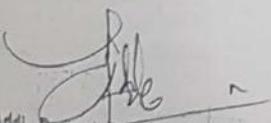
  
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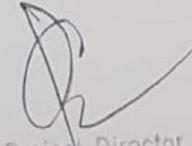
  
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**Technical Specification of Solar based Water Supply System of 5000-Liter capacity**

6	<p>a) Supply of solar Photovoltaic Water Pumping System consisting of 1 HP (equivalent), submersible DC pump and photo voltaic solar panel ser of 975Wp, water level auto control &amp; electronics etc. complete as per technical specification. Supply of 25 LDPE independent riser pipe of maximum 60m along with stainless cylinder, nipples in special water chamber, necessary fittings to the solar Photovoltaic water submersible pump set, etc. Complete to convert a hand pump to dual pump to dual pump as per GSDA specification /drawing. (In case of sanitary well float arrangement to provide complete in all respect ) Supply of Hot dip galvanized MS Steel staging as per technical specification for composite structure for water storage tank at 3m and solar PV panel at top height with ladder up to the module for servicing or for model-II supply of materials for rising main up to 50m, distribution system with 63m piping, one stand posts with 4 taps and 5000L HDPE (ISI) water storage tank at the location point on the basis of the joint survey of RWS&amp;S etc within 15m diameter from the hand pump, closest to the habitation as per technical specification . Supply of barbed wire fencing for the ladder /solar PV panel /staging structure at the ground base, display plate of the supplier /executants.IEC materials to display, including 5 years maintenance.</p>
	<p>b) <b>Pump:-</b> 1 HP Solar energy of approved Company bolted submersible pump installed in bore well with all fittings and accessories complete in all respect as per direction of Engineer-In-charge.</p>
	<p>c) <b>Storage Specification:-</b> 5000 Liter HDPE (High density Polyethylene) tank of approved brand mounted on 3m high pre-fabricated MS Steel structure.</p>
	<p>d) <b>Stand Post:-</b> 4 Nos of stand post ( will all fittings shall be installed on concrete platform as per direction Engineer-in-charge &amp; the stand post should be supported in the cement concrete.</p>
	<p>e) <b>Staging:-</b> Galvanized MS Steel Staging as per direction-in-charge made of composite Structure for storage of tank of 5000 Liter at a minimum height of 3m. size of the maximum angle 60mm to 60mm &amp; 50mm brackets to the main post with MS angle 35 X 35X5 mm.</p>
	<p>f) <b>Design:-</b> The foundation should be design to cater a load minimum of 15 Ton. The fabricated structure should be design to carry the super imposed load and including live load as per the direction in charge.</p>

  
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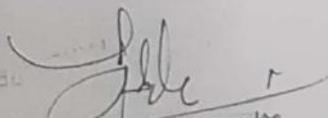
  
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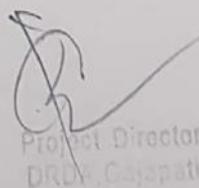
TECHNICAL BIDGENERAL PARTICULARS TO BE SUBMITTED BY THE TENDERER

1. Name of Bidder/Firm:
2. Postal Address:
3. E-mail address for communication:
4. Telephone, Fax No:
5. Name, designation & Contact Number of the representative of the tender to who all reference shall be made:
6. Nature of the Firm (Individual/Partnership / Pvt. / Public Ltd / Public Sector) (Please attach attested copy of registration):
7. Amount and particulars of the cost of tender paper deposited (enclose DD/Original MR) :
8. Amount and particulars of EMD deposited:
9. Average Annual turnover of Rs.50,00,000.00 in the last three years (enclose balance sheet for last 3(Three) years) and also obtain a certificate from CA regarding average annual turnover of last 3 years:
10. GST Registration No. (copy to be enclosed) :
11. PAN CARD No.(Enclosed Xerox copy) With 3 years IT Return filed Copy :
12. Undertaking on the firm being not blacklisted / disbarred by any institution on any ground:
13. Does tenderer have any relative working in DRDA/PS/GP in Gajapati District?  
If yes, state the name and designation:

Signature of bidder with seal



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Project Director  
DRDA, Gajapati



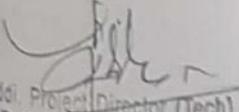
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### Declaration by the Bidder

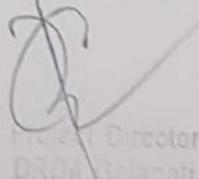
I / We (hereafter referred to as Vender) being desirous for participating the quotation for selection of the vender for supply of fitting, fixing & Commissioning etc of LED light/ Solar light / Solar based drinking water system and having fully understand the nature of the work and having carefully noted all the terms and conditions, specifications etc as mentioned in the quotation call notice and tender documents do hereby declare that:-

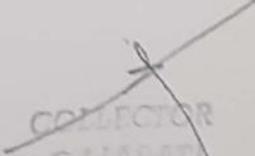
1. The bidder is fully aware of all the requirements of the tender documents and agrees all provisions of the tender documents and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender.
2. The bidder is fully aware of all the relevant information for proper execution of the proposed work with respect to the proposed plan of work/site, the local environment, approach road and connectivity etc. and as well as acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.
3. The bidder is capable of executing and completing the work as required in the tender and is finally solvent and sound to execute the work. The bidder is sufficient experienced and competent to perform the contracts to the satisfaction of District Administration, Gajapati District including the members of Gram Panchayats. The bidder gives the assurance to execute the tendered work as per specification terms and conditions of the tender on award of work.
4. The bidder has no collusion with other bidders, any employee of DRDA/PS/GP of Gajapati District.
5. The bidder has not been influenced by any statement by DRDA, Gajapati or any of its employees but only by the tender documents.
6. The bidder is familiar with all general and special laws acts ordinance, rules and regulations of the District, State and Central Govt. that may affect the work, its performance or personnel employed therein.
7. The bidder accepts that all the earnest money may be absolutely forfeited by the Collector, Gajapati, if the bidder fails to sign the contract in a stipulated time period.
8. The offer shall remain valid for acceptance for l(one) year from the date of finalization of tender.
9. The bidder has never been debarred from similar type of work by any departments.
10. All the information and statements submitted with the tender schedule are true. In Case any information/ statement is found to be false at letter stage my tender may out rightly be rejected and I shall be liable to pay all the losses incurred by District administration against the tendered work.

Signature of bidder with seal

  
Addl. Project Director (Tech)  
D.R.D. Gajapati  
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Project Director  
DRDA, Gajapati

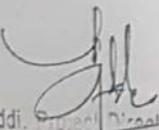
  
COLLECTOR  
GAJAPATI

## CHECK LIST FOR SUBMISSION OF DOCUMENTS

### Documents to be enclosed:

1. Copy of valid Electrical & MV License, if applicable.
2. Copy of audited balance sheet and profit/ loss account for the last three years clearly indicating the turnover of the agency,
3. Certificate from Authorized Agent / copy of work order as proof of experience in LED street light system during last three years.
4. Test certificate of SPV module from appropriate authority.
5. Xerox copy of Income *Taxi* PAN CARD of the firm with last 3 years IT Return.
6. Original Demand draft toward cost of tender paper.
7. Original Demand draft towards EMD.
8. List of Local office and service centre available within Gajapati District.
9. Willingness to open local office with proposed location in Gajapati before commencement of work, if not available.
10. Willingness to open cluster level service centre and inventory point at suitable places with proposed location within Gajapati District.
11. Undertaking to unconditional acceptance of all terms and conditions of the bid document.
12. Power of attorney to sign the agreement on behalf of bidders and partnership deed articles, if any.
13. Technical Bid.
14. Financial Bid.
15. Organization profile.
16. Registration Certificate of the Firm / Individual / Joint Venture, if applicable.
17. Declaration by the bidder rupees Rs. 1001- non-judicial stamp as per given format.
18. Other documents, if any, as the bidder wants to enclose.

Signature of bidder with seal

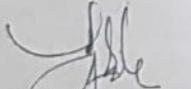
  
Addl. Project Director (Tech)  
D.R.D. U. U. PATI  
PARLANEMUNDI

  
Project Director  
DRDA Gajapati

  
~~COLLECTOR  
GAJAPATI~~

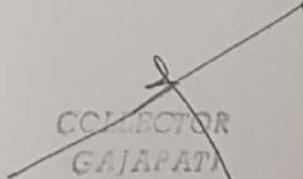
## SCOPE OF WORK

1. The board scope of the work would be designing, supply, installation, commissioning and maintenance for a period of 5 years from the date of handing over the specified street light system. The work will be execute at all villagers of Gajapati District.
2. If the agency is approved by the competent Authority, the specified work shall be entrusted by GP/Block and accordingly the payment will be released by the concerned GP/Block after fulfilling all criteria and conditions.
3. The firm or supplier shall have to execute the work as per technical specification, terms and conditions specified in the tender document/work order and approved price.
4. The bidders are advised to make an assessment and collect all necessary information regarding type of approach to the village, distance and mode of transportation.
5. The firm or supplier shall maintain adequate inventory and safe storage of the equipments before erection of Street light.
6. A foot height cement pedestal shall be constructed by the firm or supplier at the base before erection of light system on order to prevent the rusting.
7. The concerned GP or Block will provide the list location and point of installation of the street light.
8. A team of officials/Committee authorized by the Collector, Gajapati shall inspect and furnish satisfactory functioning of the street light after its installation, based on which the payment shall be released to the supplier. The 90% payment of agreement value or cost of the equipment or work order will be released on satisfactory functioning and 10% will be released only after warranty period of 5 years. The format for satisfactory functioning of LED street light report is enclosed at Annexure-VI.
9. Warranty certificate to be furnished along with the commissioning report.
10. The bidder shall take all responsibility to supply, install and commissioning of the LED street light system within the schedule time mentioned in the work order/agreement. If the contractor fails to adhere to the schedule, it will be liable for penalty. The penalty will be levied equivalent to 1% of delivery price of the delayed good or unperformed services for each week of delay upto a maximum deduction of 10% of the contract price. On exceeding the maximum limit of delay, the authority reserves the right to terminate the contract and forfeit the security deposit without prejudice.
11. No price escalation due to any reason shall be considered by the authority during the validity period of the contract agreement.
12. Comprehensive maintenance contract CMC of the complete system of the 5 year warranty period on entire LED street light structure/ Solar Light / Solar based drinking water system shall be executed between the concerned official of the GP/PS & the firm or supplier.

  
Addl. Project Director (Tech)  
D.R.D.A. Gajapati  
PARLAKHEMUNDI

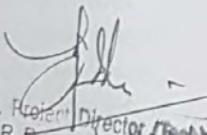
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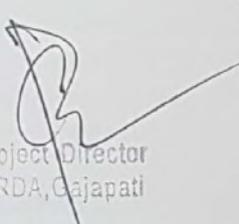
  
Project Director  
DRDA, Gajapati

  
~~COLLECTOR  
GAJAPATI~~

13. For uninterrupted delivery and sustainable maintenance service adequate number of service center shall be available/setup at cluster level/district level. The complain ledge by the BDO/GP concerned shall be addressed within 48 hours.
14. The bidder should come with one setup sample light system setup as per technical specification with due test performance certificate from any Govt. Levorotary.
15. The firm shall after completion and commissioning of the systems to submit all details of the installed system like system details installation reports in a prescribed format. Photography evidence on proof of delivery is essential and to be submitted at the time to claim.
16. A certificate to be obtained from South Co./Technical Committee/ Competent authority as fixed by the Authority by the firm/supplier as a part of satisfactory performance report.
17. Permission of south co. for installation of LED light or solar Light in new pole or existing pole shall be obtained by the tenderer on his own responsibility.

**Collector-cum-CEO  
Zilla Parishad, Gajapati**

  
Addl. Project Director (Tech)  
D.R.B. PARLAKHEMUNDI  
GAJAPATI

  
Project Director  
DRDA, Gajapati

## General Terms and Conditions:

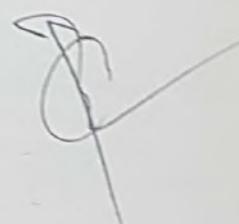
1. The bid documents to be submitted in sealed cover and shall contain a copy of tender document as a token of acceptance of terms and conditions. Attested copy of valid registration certificate, PAN card & valid GST registration.
2. The cost of bid security (EMD) Rs.50,000/- (Rupees Fifty Thousand) only must be submitted separately in shape of Postal/bank deposit pledged in favour of PD, DRDA, Gajapati payable at Paralakhemundi.
3. The bidder who desires for participate in the tender process should have executed similar nature of works at least of Rs.50,00,000/- or more in any one financial year of preceding 3 (three) financial years failing which the bid will not be taken into consideration. Work orders/indent order in support of experience shall be submitted in the bid paper.
4. The sealed cover shall carry two number of sealed envelope inside.
  - a. One cover for technical bid containing all the documents, related bank drafts, technical bid paper, etc., clearly superscript as TECHNICAL BID on the envelope.
  - b. One cover for financial bid containing only financial bid enclosed in the sealed cover of FINANCIAL BID on the envelope.
  - c. If the bank drafts and documents related to technical bid enclosed in the sealed covers of financial bid, the bid shall be out rightly rejected.
5. The technical bid will be evaluated first. The financial bid will be opened and evaluated of successful qualifier technical bidders only. The financial evaluation will be done on L1 basis for each item of work. The work order will be awarded to the most responsive L1 bidder. However, the authority reserves right to accept or reject the L1 rate offered by the bidder.
6. The offer shall be valid for minimum of 1 (one) year from the date of finalization of tender.
7. The bidder shall sign an agreement with the concerned Panchayat Samiti in case of execution of Panchayat Samiti work and with the concerned Gram Panchayat for execution of Gram Panchayat work.
8. The bidder shall bear insurance, force majeure damages, inventory storage facility, replacing the defect materials, service center setup, etc. at his own cost.
9. Any dispute arises shall be settled in the court of law within the jurisdiction of Gajapati District.
10. The successful bidder shall deposit additional 2% of the agreement value as performance security during execution of agreement with the concerned executing agency.
11. Limitation of liability- the authority/Govt. will in no case be responsible for any accidental fatal or non-fatal, caused by any worker or outsider in course of transportation and execution of work. The cost of experience including treatment or compensation will entirely be borne by the bidder.

Addl. Proj. Officer (Tech)  
D.R. U. WASTI  
PARALAKHEMUNDI

12. Payment of work under normal circumstances will be done as following:-
- First interim payment @ 70% amount of the work value shall be paid after installation and commissioning of the LED street light system.
  - Second interim payment @ 20% of the work value shall be paid after 3 months from date of installation and commissioning.
  - Final payment @ 10% of contract value shall be paid against satisfactory performance and maintenance of the LED street light system within the warranty period in 5 equal annual installments in 5 years.

~~Collector-cum-CEO  
Zilla Parishad, Gajapati~~

  
Add. Engineer (Tech)  
D.R.O. Gajapati  
PABAN MURDI



## ANNEXURE-III

## FINANCIAL BID

Sl. No	Description of Item	Unit	Rate in figure	Rate in words
1	Supplying, fitting, fixing, Commissioning & Testing of <b>LED Street Lighting System</b> all-in-one including all taxes and conveyance charges complete <b>with fitting &amp; fixing of pole</b> (as per technical specification) I. 5 Pole Street Lighting System: a. 30 Watt. b. 45 Watt. c. 48 Watt. II. 10 Pole Street Lighting System: a. 30 Watt. b. 45 Watt. c. 48 Watt. III. 15 Pole Street Lighting System: a. 30 Watt. b. 45 Watt. c. 48 Watt.	1-Set 1-Set 1-Set  1-Set 1-Set 1-Set  1-Set 1-Set 1-Set		
2	Supplying, fitting, fixing, Commissioning & Testing of <b>LED Street Lighting System</b> all-in-one including all taxes and conveyance charges complete with fitting & fixing <b>without pole</b> (as per technical specification) a. 30 Watt. b. 45 Watt. c. 48 Watt.	1-Set 1-Set 1-Set		
3	Supplying, fitting, fixing, Commissioning & Testing of <b>Mini High mast LED</b> all-in-one complete in all respect as per technical specification. a. 80 Watt. (of 3-Arms) b. 90 Watt. (of 3-Arms)	1-Set 1-Set		
4	<b>Supplying, fitting, fixing, Commissioning &amp; Testing of different types of fixtures for use in street lighting system:</b>			
	a. AB cable Aluminum (1 X 35+ 1 X 25) Sq MM including transportation, fitting, fixing etc., Pole Clamp with I hook including fitting, fixing etc. Dead End Clamp including fitting, fixing etc.	1-Set		
	b. Single Arm GI bracket with one pair MS-Clamp with nut & bolt and fixing with pole etc.	1-Set		
	c. Timer and Control circuit with GI box (18"X18") etc. Complete	1-Set		
	d. Service Wire Aluminum 4Sq MM including transportation & fitting, fixing etc.	1-Set		
	e. Supply of 1ph (10-60) A static meter with class-1 accuracy (tested by SOUTHCO UTILITY/ Technical Committee)	1-Set		

	f. Supply of LED lights of different Watts with Light fitting made of pressure die cast aluminum housing cover as diffuser with IP-66 protection i.e. 30 Watt/ 45Watt/ 48Watt /80Watt /90Watt including fitting, fixing with all labour charges and transportation along with commissioning & Testing work site.	1-Set		
	g. Supply fitting, fixing of GI Tubular pole of 8.5 Mtr height (4"X3"X2.5") dia with base plate and base foundation concrete coupling above GL with earthing coil.	1-Set		
	h. Supply fitting, fixing of GI Tubular pole of 7.0 Mtr height (4"X3"X2.5") dia with base plate and base foundation concrete up to GL and concrete coupling above GL with earthing coil.	1-Set		
	i. Supplying fitting, fixing of round GI bracket (4" center Pipe) of 2-Arm/3-Arm/4-Arm etc.	1-Set		
	j. Supplying fitting, fixing of concrete coupling above GL and earthing coil (As per Rural Electrification standard for 7 mtr& 8.15 mtr tabular pole)	1-Set		
	k. Supply of GI box with 32 Amp DP switch & 16 Amp MCB with clamp and fixing on pole etc complete.	1-Set		
5	Supply of LED based with approved branded Company having ISO certification and <b>Integrated Solar Street lighting System</b> (all in one) as per technical specification. a. 20 Watt. <b>(With pole)</b> b. 20 Watt. <b>(Without pole)</b> c. 24 Watt. <b>(With pole)</b> d. 24 Watt. <b>(Without pole)</b>	1-Set 1-Set 1-Set 1-Set		
6	Supply of solar Photovoltaic Water Pumping System complete in all respect as per technical specification. a. Complete in all respect at site <b>with staging in MS structural member.</b> b. Complete in all respect at site <b>without staging in MS structural member.</b>	1-Set 1-Set		

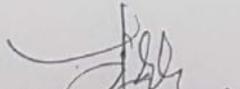
Note:

- The price should be quoted per unit only inclusive of all incidental Cost & Taxes, Transportation Cost, Labour Cost, Warranty, Office setup etc.
- GST should be quoted separately as application.

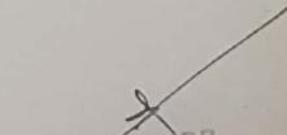
Name & Address of the Firm:

Signature of the bidder with seal

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 Addl. Project Director (Tech)  
 D.R.D. Gajapati  
 PARLAKHEMUNDI

  
 Project Director  
 DRDA, Gajapati

  
 COLLECTOR  
 GJAPATI