

**Surat Municipal Corporation
New East (Sarthana) Zone-B
Quotation Inquiry form**

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|-------------------------------------|--|
| QUOTATION NO. DMC(D)/EZ-B/ /2025-26 | DATE: / /2025 |
| NAME OF WORK | SETC of Streetlight LED Luminaries at TP 25 (Mota Varachha) Lake Garden under New East (Sarthana) Zone. |
| ESTIMATED AMOUNT: | Rs. 1,94,000=00 Ps. EMD AMOUNT: Rs.1940/- |
| VALIDITY PERIOD : | 120 Days Agency Category : Manufacturer/Dealer/Contractor |
| REQUIRED DOCUMENTS | (1) Permanent Account Number (PAN) Copy (2) GST registration Certificate (3) Experience Certificate |
| TENDER AVAILABILITY | |
| ISSUING AUTHORITY | Executive Engineer, New East (Sarthana) Zone, Surat |
| ISSUING OFFICE | Administrative office, New East (Sarthana) Zone, B/s. Sankalp Residency, B/h. Shyamdharm Temple, Sarthana, Surat. |
| INVITING AUTHORITY | Executive Engineer, New East (Sarthana) Zone, Surat |
| SUBMISSION DATE | Last date: 20/05/2025 Time : 06.00 P.M. |
| SUBMITTED TO, | EXECUTIVE ENGINEER NEW EAST (SARTHANA) ZONE, B/S. SANKALP RESIDENCY, B/H. SHYAMDHAM TEMPLE, SARTAHANA, SURAT |


G.S.T. WILL BE APPLICABLE IN ACCORDANCE WITH THE PREVAILING NORMS OF GOVERNMENT.

GST clause for construction/ erection/ commissioning/ installation/ pairs/maintenance/ renovation/ fabrication of structure including building (means all works contract/ turnkey project/supply of material/goods)

GST(Goods & Service Tax) has come in existence from 1st July 2017 Contractor / Successful Bidder is bound to pay any amount of GST prescribed by the Govt. of India as per the Terms of Contract agreed upon during the course of execution of this Contract.

During the course of execution of Contract if there is any change in Rate of GST (Goods&Service Tax) by the Government the same shall be reimbursed / recovered separately by SMC, subject to the submission of Original Receipt / Proof for the amounts actually remitted by the Successful Tenderer / Contractor to the Competent Authority along with a Certificate firm Chartered Accountant of Contractor / Successful Bidder certifying that the amount of GST paid to the Government and the same shall be intimated / submitted / claimed within 30(Thirty) Days from the date of payment Remittance of GST within stipulated period shall be the sole responsibility of the Successful Bidder / Contractor, failing which , SMC may recover the amount due, from any other payable dues with SMC and decision of Municipal Commissioner shall be final and binding on the Contractor/ Successful Bidder in this regard Further, the nonpayment of GST to the Government may lead to the termination of contract and forfeiture of Security Deposit / Performance Guarantee Amount.

If imposition of any other new Taxes/Duties/Levies/Cess or any other incidentals etc. or any increase in the existing Taxes/Duties/Levies/Cess or any other incidentals etc. (Excluding GST) are imposed during the course of the contract. the same shall be borne by the Contractor/ Successful Bidder only, in no case SMC shall be liable for the same.

| | | |
|--|---|--|
| | SIGNATURE OF ISSUING AUTHORITY | |
| |  | |
| | Executive Engineer New East (Sarthana) Zone Surat Municipal Corporation | |

Handwritten initials

નોવો ઈસ્ટ ઝોન (બી) - સરથાણા સિટી
સમીક્ષક ક્રમ નં. ૧૨૯
તારીખ ૦૫/૦૫/૨૦૨૫



New East (Sarthana) Zone

Surat Municipal Corporation

B/s. Sankalp Residency, B/h. Shyamdharm Temple, Sarthana, Surat - 395013.

Ph. : 6359909506, 6359909606

Executive Engineer

QUOTATION INQUIRY

નોવો ઇસ્ટ ઝોન (સર્થના) - ઇજનેરી વિભાગ
અમુકે અડ ઓફિસ..... ૧૧/૧૧/૨૦૨૫
તારીખ..... ૦૫/૦૫/૨૫

To,

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SUB :- Quotation for Supply, Erection, testing & Commissioning of Streetlight LED Luminaries at TP 25 (Mota Varachha) Lake Garden under New East (Sarthana) Zone.

You are requested to send your offer in a sealed cover with **E.M.D of Rs. 1940/-** in the form of demand draft / banker's cheque in favour of the "Municipal Commissioner, Surat Municipal Corporation" payable at Surat. So as to reach in the office of Executive Engineer [New East (Sarthana) Zone] **on or before Dt. 20/ 05 /2025 up to 6.00 pm.** Please note that the sealed cover shall be super scribed with the name of work "Supply, Erection, testing & Commissioning of Streetlight LED Luminaries at TP 25 (Mota Varachha) Lake Garden under New East (Sarthana) Zone" The terms & conditions for this offer are as follow, failing which the quotation shall be rejected out rightly.

| Sr No | Description | Qty (X) | Unit | Rate (Y) | Amount (w/o GST) (Z=X*Y) |
|-------|---|---------|------|----------|--------------------------|
| 1 | Supply, Erection, testing & Commissioning of Streetlight LED Luminaries at TP 25 (Mota Varachha) Lake Garden under New East (Sarthana) Zone (Make & Model - Aaditya Techtronics Pvt. Ltd. (AADISTL36W) or Equivalent) | 53 | Nos | | |
| *** | Total Amount (without GST) (A) | | | | |
| 2 | Dismantle & Buyback of Existing 25-35 Watt LED Streetlight | 53 | Nos | | |
| *** | Total Amount (without GST) (B) | | | | |
| *** | G.Total Amount (without GST) (A-B) | | | | |
| *** | Total amount in words - | | | | |

SCOPE OF WORK, TERMS & CONDITION :-

- Tenderer shall have to Supply, Erection, testing & commissioning of Streetlight LED Luminaries on existing streetlight pole where existing 25-35 Watt LED Streetlight has been dismantle & take it for buyback working at TP 25 (Mota Varachha) Lake Garden under New East (Sarthana) Zone.
- Contractor must approve sample of LED Luminaries before Placing Purchase Order/Installation for which necessary Technical data sheet (along with driver(s), LED chip(s) to be used, LM 79, LM 80, Relevant BIS Certificate, Type Test Report, etc...) as well as Physical sample must be submitted for Technical/Physical Verification. Proof must be provided by the manufacturer of Luminaries for make of LED chip used in Luminaries
- Material/Supply shall be free from any defect and as per Technical Specs. Only.
- All Miscellaneous Work/activities i.e. reducer/nipple required for LED installation are in the scope of contractor. Hence, Bidders are advised to visit Site/Location before quoting Price.
- Contractor shall have to provide necessary documents to prove genuineness of material up to the satisfaction of engineer in charge. The payment will be made only after approval of genuineness.
- Contractor shall directly follow the instructions by the SMC representative/ authorized personal from concerned department at the site.
- Defect liability period shall be 1 (One) year from the commissioning of the Streetlights at site.
- All employees deployed for the said work shall be provided with personal safety equipments & accessories. Contractor shall be responsible to the accident/injury/Loss to any of the staff members of them.

- Contractor shall follow all applicable laws, rules, regulation for such type of work.
- Quotation once offered shall not be withdrawn.
- Quotation once accepted shall be binding to the contractor.
- The Rate should be all duties/ taxes (Except GST), Transportation material & labour cost. all duties/ taxes levied by S.M.C. or any Govt. Department shall be payable by the contractor.
- Right to accept any or to reject any or all the quotation without assigning any reason thereof is reserved by the competent authority of Surat Municipal Corporation, Surat.
- The decision of Divisional head of New East (Sarhana) Zone will be final in respect of disputes what so ever arise.
- In absence of EMD, the Quotations will be Liable to be rejected.
- Quantity of Items may be actually reduced or increased during actual execution of work, contractor shall carry out the work accordingly.
- The contract shall be constituted according to and subject to laws in India and state of Gujarat, and under the jurisdiction of courts of Gujarat at Surat City only.

| GENERAL DATA SHEET OF LED LUMINARIES | | |
|--------------------------------------|---|--|
| SR NO | PARAMETER | VALUE/DETAIL OF LED LUMINARIES |
| 1 | Rated Supply Voltage (AC, 50 Hz) | 230/ 240 V |
| 2 | Input supply voltage range | 140 – 270 V |
| 3 | Expected Input Frequency | 50 Hz \pm 3% |
| 4 | Working Temperature | +5° to +50° C |
| 5 | Working Humidity | 10% - 90% RH |
| 6 | Normal Usage hours | Dusk to dawn range 10 hours to 12.75 hours/ day |
| 7 | Average Power Factor | 0.90 (min.) |
| 8 | Index of Protection Level (min.) | As per IEC 60529 IP 65 (for cap. \leq 65 W) |
| 9 | Impact Resistance of the luminaries | IK 07 (min.) |
| 10 | LED Chip Efficacy | 150 lm/ W (min.) |
| 11 | LED chip I/p current | Should not exceed 750 mA for LED up to 150 W |
| 12 | Driver Efficiency | \geq 85% |
| 13 | Junction Temperature of LED | \leq 85° C |
| 14 | Rated Life @ L70 | 50,000 burning hours at 35° C ambient temp. |
| 15 | Nominal CCT | 5,000° K to 6,000° K |
| 16 | Dispersion/ Beam Angle | Minimum 120° |
| 17 | Tilting angle | Fixed |
| 18 | Overall Light Loss Factor of LED luminaries as per IS | 0.70 |
| 19 | Colour Rendering Index | \geq 70 |
| 20 | Efficacy of luminaries (min.,) | 108 lm/ W |
| 21 | Total Harmonic Distortion | \leq 15 % (EMI/ EMC Certification) |
| 22 | Additional MOV protection for protection of LED driver. | Must be provided, voltage rating of 270 \pm 1%. |
| 23 | Protection of MOV must cover | phase-neutral, neutral-earth & phase-earth terminals |
| 24 | Mounting | On streetlight pole through bracket |

TIME LIMIT / WORK COMPLETION PERIOD:-

- Time limit of the work is 30 days from the issue of work order date. If the contractor fails to complete the work within the stipulated completion date for the work or he shall pay liquidated damages 0.20% of contract value per day of delay in completion or part thereof as the case may however, be subjected to a maximum of ten (10) percent of the contract value.

SECURITY DEPOSIT/AGREEMENT/STAMP DUTY:-

- Successful Contractor shall be required to deposit an amount equal to **2.5% of total order value as Security Deposit** in Cash/ by Demand Draft within 10 (Ten) days from date of work order, otherwise penalty @ 0.065% of the Security deposit Amount per day of delay shall be charged.

- Successful contractor shall also be required to enter into contract agreement on Gujarat Stamp Paper purchased from Surat worth Rs.300.00 for each i.e. Contract agreement, Surety & Undertaking (to be brought from Surat by the contractor) on getting the order. However, the stamp duty at prevailing rate shall be applicable if revised by Government.

PRICES AND TERMS OF PAYMENTS: -

- All rates should be quoted **Excluding GST**.
- Contractor must understand clearly that the prices quoted are for the total works i.e. include all Material/Spares, labour, supervisions, transportation, loading, unloading, watch and ward etc. excluding GST. No claim for additional payment beyond the prices quoted will be entertained and contractor will not be entitled subsequently to make any claim on any ground.
- No payment shall be made in advance.
- Payment shall be released after completion of said work.
- Corporation will not issue any 'C' or 'D' form.
- Applicable GST + TCS on Buyback paid Extra by Tenderer.

SEAL & SIGNATURE OF THE TENDERER:-

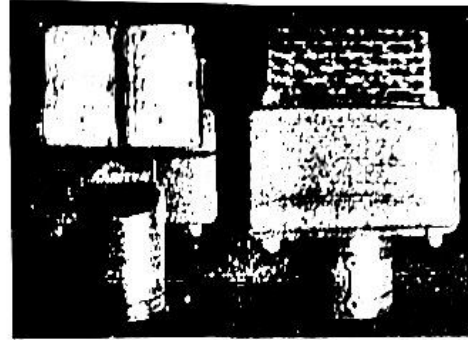

Executive Engineer
New East (Sarhana) Zone
Surat Municipal Corporation


TECHNICAL LITERATURE

ROADWAY PRIMIUM36WATT



| | |
|--------------------|---|
| MODEL NAME | AADISTL36W |
| POWER | 36 WATT |
| IP RATING | IP65 |
| FEATURE | Instant Start, High Lumen output |
| APPLICATION | High Way, Parking Area, Airport, Walk Way |
| Warranty | 2 Years |



ELECTRICAL SPECIFICATION

| | |
|----------------------------|------------------|
| Rated Wattage | 36W |
| Input Rated Voltage | 240V AC |
| Input Voltage range | 90~325V AC |
| Input Rated Current | 0.145A~0.155A |
| Input Frequency | 50Hz |
| Range | |
| Power Factor (PF) | > 0.96 |
| Surge Protection | 10KV (Extra SPD) |
| THD | < 10% |

DRIVER SPECIFICATION

| | |
|------------------------------|------------------|
| Manufacturer | PYROTECH |
| Part No. | PI-13-D-249PCT |
| BIS No. | R-84000027 |
| Output Mode | Constant Current |
| High Voltage Shutdown | > 325V AC |
| With Stand Voltage | 440V for 48hours |
| Surge Protection | 4KV |
| Efficiency | > 85% |

Driver Protection

I/P Over Voltage Protection, 4KVA Surge Protection, O/P Over Voltage Protection, O/P Short Circuit Protection, O/P Open Voltage Protection, O/P Over Load Protection, Over Temperature Protection

LED SPECIFICATION

| | |
|--------------------------|-------------------------|
| LED Make | OsramDuris S8 |
| LED Package | GM P9LR35.PM / SMD 5050 |
| CRI | > 72Ra |
| CCT | 5700K |
| Lumens Efficiency | 200lm/W @ 25°C |
| Rth | 1.5 K/W |
| Beam Angle | 120° |
| Life Span | > 50000Hrs |

LUMINARY PHOTOMETRIC TEST DATA

| | |
|--------------------------|------------|
| Test Standards | LM-79-08 |
| No. of LED | 16Nos |
| Total Lumens O/P | 4753.57lm |
| Lumens Efficiency | 136.52lm/W |
| Tested By | ERDA |
| CCT | 5464K |

HOUSING SPECIFICATION

| | |
|-----------------------|------------------------|
| Material | ADC-12 |
| IP Rating | IP66 |
| Size | 235(L)X160(W)X95(H):mm |
| Pipe I.D. | 62mm (2.5inch) |
| Casting Weight | 1.26Kg |

LENSES SPECIFICATION

| | |
|--------------------------|----------|
| Material | PMMA |
| IP Rating | IP66 |
| Beam Angle | 145°X45° |
| Efficiency | 90% |
| Sustainable Temp. | 130° |

- ERDA TESTED and R&B Category-III Approved Light



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