THE SINGARENI COLLIERIES COMPANY LIMITED

(A GOVERNMENT COMPANY)

Purchase Department

Singareni Bhavan, Red Hills, PO: Khairatabad, Hyderabad– 500004, Telangana

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NOTICE INVITING TENDERS (NIT)

Sub: **Procurement of LED STREET LIGHT FITTING 30W 230V for use at Corporate Area -Reg.**

Enquiry No.	**HY126O0191**	**Enquiry Date**	**29.10.2026**
Closing Date	16.11.2026 (by 3:00PM)	Opening Date	16.11.2026 (at 3:00PM)
Mode of Enquiry	Open Tender	No. of Sources	Single
Mode of Tendering	Single Cover	Category	Material

Schedule of Requirements

Sl No.	**Item Code**	**Material Description**	**Qty**	**Unit**
1	1472552337	LED STREET LIGHT FITTING 30W 230V	300	NOS

***Detailed technical specifications are enclosed at Annexure-1.**

- Firms are requested to submit their offers only after thoroughly understanding the enquired items. Any doubts or clarifications required regarding the items shall be sought before submission of the offer. Clarifications sought after submission of the offer will not be considered.

- Bidders are requested to submit their offers in sealed covers duly superscribed with the **Enquiry Number, Date of Enquiry and Name of the Firm** for proper identification and processing.

- Quotations to be Addressed to:AGM(E&M)/Purchase, The Singareni Collieries Company Limited, Singareni Bhavan, Red Hills, PO: Khairatabad, Hyderabad-500004, Telangana.

Eligibility & Tax Conditions

i. Offers are invited only from vendors located in **Hyderabad/ Secunderabad**.
ii. A GST(Goods and Service Tax) registration certificate must be submitted along with quotation/offer. The GST and any other taxes must be shown separately as extra,in %.

iii. Where a bidder does not show GST/Other Taxes, the landed cost will be computed using the highest GST % quoted by other bidders.

General Terms and Conditions

1. Tenders received after stipulated date and time will not be considered, for whatsoever reason.
2. The Make/Brand must be mentioned.
3. Some firms are not supplying items/materials. Their offers will not be considered.
4. Quotations must be on the firm's letterhead showing its name, telephone number and e-mail id, and must be clear and free of corrections or erasures.
5. Firms must mention the material HSN(Hormonized System of Nomenclature)/SA CODE(Services Account Code), guarantee period.
6. **Delivery Period:** Material or Items to be supplied within 2 to 4 weeks after placement of order.
7. **OFFER VALIDITY:**The offer shall remain valid for a period of 120 days from the date of tender opening.No revision of rates will be permitted during this period.
8. Ratesmust be quoted as per the sizes / units / makes / brands asked for; otherwisethe offer will not be considered.
9. The quantity shown is indicative and may be increased /decreased.
10. Material shall be delivered at**Central Stores, Corporate**. No transportation charges will be paid separately.
11. Samples of the items should be submitted if called for in the enquiry.
12. Only firms holding ready stock and able to supply within the stipulated time need to submit an offer.
13. M/s SCCL reserves the right to reject any or all tenders, or to accept any offer in whole or in part, without assigning any reason. Its decision shall be final and binding.
14. Sealed tenders may be dropped in the tender box at the Company's Purchase Office, Hyderabad, or sent by post /courier before the due date and time. M/s. SCCL will not, in any way, be responsible for any postal delay.
15. A Separate cover shall be used for each quotation; Quotations of different enquiries placed in a single cover will not be considered.
16. e-mail quotations are not acceptable.
17. Payment will be made within 30 days of receipt of material at**Central Stores, Corporate**Bidders are required to submit their bank account details, including RTGS/NEFT information, for processing online payments.

Tax retention clause:

The supplier shall upload the tax invoice in the GSTN as required under the GST Act, i.e. by the 11th of the month following the month in which the 'time of supply' arises. Where an order is executed in phases through multiple invoices, or payment is staggered, and the tax invoice is not uploaded within the prescribed time, the tax amount will be withheld from the payment against the subsequent invoice until the invoice is uploaded. Final payment is subject to the supplier's compliance under the GST Act.

Section Officer, Hyderabad. **AGM(E&M)/HYD.**

Annexure-I

Sl. No.	Specifications for Procurement of LED Street Light FITTING 30W 230V	
1	**GENERAL DESCRIPTION :**	
	This Specifications covers design, manufacture, testing at manufacturer's Works, packing, supply, delivery of LED Outdoor Street light 30W luminary	
2	**Technical Specifications:**	
	The 30W LED Luminary shall be as per the following parameters and no deviations are acceptable.	
A	**GENERAL:**	
	Description	**Outdoor**
a	Luminarie Wattage	30 W
b	LED luminary eficacy	≥ 115 Lumens/watt
c	Life Span @ 70% light output	> 50000 Hrs.
d	Uniformity Ratio (E min / E avg)	0.3
e	Control of Distribution	Fully Cutoff
f	Constant lux (The voltage variations /	At 85V to 270V
g	Driver current (With Constant Current Driver)	<1500ma/ LED
h	Driver efficiency	> 90%
i	Beam angle of the luminaire	For Street light (White light) - 120°
j	Color Temperature	5700K to 6500K for Cool white lights
k	P/N Junction temperature (High thermal conduction must be achieved by use of silicon heat conductive greases as adhesive)	<85 °C
l	30 W Luminaire Body Temperature	The Body Temperature shall be < Ambient+40° C even after continuous burning of Luminaire for 24 Hrs
m	Colour Rendering Index (CRI)	> 70
n	LED CHIP EFFICACY	≥ 140 Lumens/watt
B	**ELECTRICAL**	
a	AC Input Voltage Range	85V to 270V AC
b	Under voltage cut-off & over voltage Cut-off	To be provided
c	AC Input frequency .(The LED circuitry shall function at an operating frequency that must be greater than 120 Hz to prevent perceptible flicker to the unaided eye over the entire voltage range specified above.)	50 Hz
d	Power Factor (Source Power Factor varies from 0.5 Lag to 0.5 Lead)	> 0.95
e	30W Luminary Wattage variance at 85 V to 270 V	± 10 %
f	30W Luminary Lux Levels Variance at 85 V to 270 V	± 5%

Sl. No.	Specifications for Procurement of LED Street Light FITTING 30W 230V	
g	Total Harmonic Distortion(THD)	< 10%
h	Electrical Connection System	3 wire system
i	System of earthing (The luminaries offered shall conform to Level-1 classification)	Solidly grounded
j	There shall be electrical isolation between input and output circuits of the driver.	To be complied
k	surge protection	Surge Protection device : 20 KV/ 10KA a. Internal >= 4 KV b. External 10 KA, 20KV as per IS 16463:Part.11:2016 (IEC 61643-11: 2011) or its latest amendments / revisions.
l	Driver	Potted Driver as per IS 16104:2011 or its latest amendments / revisions.
C	**MECHANICAL**	
a	Construction of Casing	Housing : High Pressure die-cast aluminium housing /heat sink which gives rugged feature for industrial application .High Pressure die-cast aluminium housing As per (ADC 12) /Alloy designation is to be Al Si11 Cu3(Fe) as per IS 617:2024 or its latest amendments / revisions.
b	Heat Sink type (It shall be designed in such a way that the heat generated within the LED source is efficiently dissipated to the surrounding atmosphere without abnormal rise in temperature. Any debris build up shall not degrade heat dissipation performance of the 30W luminaries.)	
c	Finish	PDC Powder Coated & colour
d	Lamp Cover	The Front Glass shall be of Toughened Glass conforming to IS:2553 (Part-I) or its latest amendments / revisions.
e	Secondary Optics/Lense for street lights & Flood Lights	Polycarbonate lens/silicon
f	IP Level	IP-66
g	Impact Resistance	IK-08 As per IS:17050 or its latest amendments / revisions.
h	Mounting	**For Street Light** :The street light 30W luminary shall have provision for mounting on a 50mm OD pipe with suitable galavanized clamps and nuts.
i	Application of Illumination	For Yard, Stadiums, Parks, Junction lighting,Quarry and Mining applications.
j	**Firm's Offer/confirmation**	
	Gross Weight and Dimensions (L x W x T) of 30W Luminaries (Efforts shall be made to keep the overall outer dimensions as minimum as possible with out compromising on the performance, mainly thermal management of the luminaire)	To be furnished

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3	**Technical Specifications of Luminaries (Rating Wise)**	
a	LED Luminary Wattage Rating	To be furnished
b	**Firm's Offer/confirmation**	
	Light Source	Powered by latest bright LEDs.
c	**Firm's Offer/confirmation**	
	Minimum light output (Lumens) from luminare	To be furnished
4	**CONNECTING CABLE FOR OUTDOOR FITTINGS**	
a	Connecting cable, from electronic circuit (PCB) to Driver circuit which will be fixed in side of housing, is of copper, 3 core with colour indication, multi strand, PVC insulated, 1.1 KV grade and the current carrying capacity shall be 200% of its rated current.	
b	Cable Outlet: Suitable circular hole shall be provided at the bottom of the fitting with fire resistance high grade engineering plastic glands securely fixed to the body on both sides by check nuts. The outgoing cable from fitting to power line shall be clamped to the inside base of the body to ensure fixing of the cable and suitable 'O' ring shall be provided at the cable entry to prevent dust / moisture entry and shall confirm to IP-66 protection. The cable shall be 3 core, aluminium cable with colour indication, multi strand, PVC insulated, 1.1 KV grade and the current carrying capacity shall be 200% of its rated current and Cable length shall be of minimum 1 Mtr length.	
c	The earth core, having distinguished colour, shall be connected inside properly in view of solid earthing system.	
5	**SAFETY PROTECTIONS:**	
a	30W Luminary shall be designed and constructed in such a way as to avoid incursion of any danger while using them and shall ensure the following:	
b	Personnel safety against electrical shock, effects of excessive temperature & spread of fire.	
c	The material used in the construction of driver printed boards, driver enclosure etc. shall be non-flammable and heat resistant.	
6	**STANDARDS**	
	The materials shall conform in all respects to the following relevant Standard Specifications with latest amendments thereto.	
a	IS:10322 or latest	
b	Transient voltages, Voltage dips and flactuations shall conform to	IEC:61000-4-5 or its latest amendments / revisions.
c	Safety of Lamp control gear :IS 15885(Part 1):2011 or its latest amendments / revisions.	
7	**TEST REPORTS / LICENCE:**	
A	**Type Tests :**	
a	The offered 30W LED street light luminairy shall have valid BIS License	
b	The 30W LED street light luminariy shall be fully type tested at an NABL by the bidder as per IS:10322. Copy of latest type test reports shall be furnished along with the Bid. The Bids received without type test reports by NABL will not be considered. (Enclose Valid Accredeation certificate along with SCOPE of testing).	
c	Visual examination	
d	Resistance to dust and moisture	
e	Insulation resistance and electric strength	
f	Photometry test	
g	Impact Resistance	
h	Construction of Casing as per IS 617:2024 or its latest amendments / revisions.	
B	**Acceptance Tests**	
	These tests shall be carried out, as stipulated in BIS/IEC standards, by an inspecting authority at the suppliers premises on sample taken from a lot for the purpose of acceptance of a lot. Acceptance tests shall not be carried out from particular size from the lot on which type tests have already been conducted.	
a	Visual examination	
b	Resistance to dust and moisture	
c	Insulation resistance and electric strength	
d	Photometry test	

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8	**Documents to be submitted along with the offer :**
a	The bidder shall furnish G A dimensional drawings with all views of 30W LED street light Luminairy pertaining to all the models offered along with the technical bid .
b	Type test certificates as mentioned under sl.no 7(b) to 7(h) in technical specifications
c	Technical Catalogue of product
d	Lumen Depreciation Curve of LEDs used (supplied by LED manufacturer)
e	Polar Diagram of Luminaire tested in certified laboratory
f	LM79 Measurement Report for the luminaire from NABL Accredited Laboratory
g	LM 80 report for the LEDs used (Supplied by the LED manufacturer) . Enclose LED purchase Invoice.
h	L70 report for claimed life of LEDs in hours (Supplied by the LED manufacturer)
i	Performance reports along with order copies of LED luminaire supplies made to public sector companies and Government organisations shall be enclosed. Private sector performance reports will not be considered.
j	Only manufacturers shall submit the tenders either directly or through their authorized Distributors/Authorized Dealers. Original letters of authorization and Valid Certificates of Authorized Distributorship/Dealership must be enclosed along with the technical bid of the offers in case tenders are submitted through Authorized Distributors/Dealers. Other wise the tenders will be summarily rejected.
9	**DOCUMENTS TO BE SUBMITTED ALONG WITH EACH CONSIGNMENT.**
a	The Firm shall submit 3 sets of approved G A dimensional drawings with name plate and all views of Luminaire along with each consignment.
b	3 sets of operating manuals / technical leaflets rating wise giving all the details of Installation, operation and maintenance shall be supplied along with each consignment.
10	**MARKING**
	The following information shall be distinctly and indelibly marked / embossed / engraved on each luminaire housing for using reference during performance study and warranty replacements.
a	Year of manufacture, batch Number and Serial number
b	Name of manufacturer
c	Rated Wattage and Voltage
11	**GUARANTEE TERMS AND CONDITIONS**
a	The Offered 30W LED steet light Luminary should be guaranteed for satisfactory operation for a period of **5 years** from the date of supply of Luminaries. Failures shall include failure / deterioration of LEDs in terms of performance like guaranteed luminous efficiency, high junction temperature, and abnormal lamp lumen depreciation, deterioration of lens, driver unit and quality of light. In the event of single LED source getting defective, the entire array / module shall be repaired/ replaced by the supllier at free of cost .The transportation of defective Luminaries shall be under firms scope.
b	During the guarantee period of the 30W LED steet light Luminary while in its normal operation is found defective, the complaint shall be attended with in a week and it shall be replaced by the supplier if required with a new Luminaire at free of cost with in 30 days of intimation. If the Luminaire is not replaced/Repair within 30 days of intimation the supplier should note that the guarantee period will be extended to that extent by the number of days delayed beyond 30 days. If the tenderer does not replace within 90 days the cost of the Luminaire will be recovered from the existing bills / future bills / Bank Guarantees available. The firm shall appoint local representative during the warranty period for any compliants and immediate replacement of defective/failed luminaries, if any.