



THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)
PURCHASE DEPARTMENT
RAMAGUNDAM AREA-II P.O – 505211
DIST: PEDDAPALLI – TELANGANA (STATE)
CIN: U10102TG1920SGC000571

TELEPHONE: 91-08728-250028 - TELE FAX: 91-08728-250110;
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Company Web site: www.scclmines.com

GST NO: 36AAACT8873F1Z1

NOTICE INVITING TENDERS (NIT)

Sub: Supply of 30W/60W/120W LED Street Light Fittings for AWS, RG2.

Enquiry Number	ER219O0179, dated 25.10.2019
Tender ID	154945
Number of Sources	Single
Mode of enquiry	Open
Mode of Tendering	Two cover (Pre-Qualification & Commercial Bid) (i.e., Technical Bid & Price Bid)
Input Tax Credit	Applicable

1. Tenders are invited **Supply of 30W/60W/120W LED Street Light Fittings for AWS, RG2.**
2. The Approximate value of the enquiry is Rs.7.50 Lakhs. ~~Bidder shall submit an EMD of Rs. _____ /- (Rs. _____) through online utilizing the "Payment Gateway Service on e-Procurement platform".~~ (For other details Pl. refer EMD clause at para No. 21).

SCCL Helpdesk Numbers for Bis submission :

EPBAX Numbers: 08744 - 235558/235559/235553

SPECIAL TERMS & CONDITIONS

1. ELIGIBILITY CRITERIA FOR COMMERCIAL ORDER:

- a) Manufacturers or their authorized dealers are eligible to submit their bids. Where bids are submitted by authorized dealers, it is essential that authorization from the manufacturer has to be enclosed, failing which the offer is liable for summary rejection.
- b) The Technical Literatures of Items are to be submitted with the offer to check their suitability.

PROVENNESS CRITERIA: The equipment / item to be offered by the bidders' shall be considered proven provided the equipment / item offered / item of higher specification must have been supplied in the past to the Mining Industry and / or to the other industries (Private or Government/ Public Sector Undertaking) and performed satisfactorily for a period of not less than one year from the date of commissioning.

If the equipment / Item offered is supplied and has been commissioned at SCCL, at least one year prior to the date of publishing of this enquiry, its performance will be considered for evaluation. However, bidders are invariably required to upload the previous order copies of SCCL, if any.

The bidders should essentially submit authenticated copies (ink signed and stamped by the original manufacturer) of supply orders received by them for the same /similar equipment / item offered with details.

Bidders are required to submit Satisfactory Performance reports for the supplies made against the order copies submitted.

In case of supply to Govt. Sector/Public Sector, satisfactory performance report issued by authorized representative of the Company, duly signed and stamped, confirming that the quoted item or similar item of higher specification have performed satisfactorily for a minimum period of 1 year from the date of commissioning of the item shall be considered valid.

If the bidder submits two consecutive orders from the same Govt. firm/Public Sector firm/same subsidiary with a gap of 12 months, performance reports will not be insisted.

In case of Private Sector, detailed Satisfactory Performance Report issued by Chief Executive Officer / Director (Head of Operations) / Head of the Project or Mining Unit shall be considered valid. In such cases, the name and designation of the signing authority should be clearly indicated in the Performance report and the reports should be authenticated and stamped by the bidder.

In case the bidder is unable to submit performance reports, a self certification duly signed and stamped by the bidder, confirming that the equipment / item offered or similar equipment / item of higher specification, supplied to any Govt sector / public sector, have performed satisfactorily for a minimum period of 1 year from the date of commissioning of the equipment / item and there are no warranty / guarantee claims pending, shall be considered. Self certification is not acceptable for the supplies made to private firms.

FAILURE TO SUBMIT THE ABOVE DOCUMENTS MAY RENDER A TENDER UNACCEPTABLE.

In case, if at any point of time during procurement process or subsequently, it is detected that the above information given by the bidder regarding performance of the item supplied by them is false, SCCL reserves the full right to take action as deemed fit including rejection of the offer and / or debarring the bidder in SCCL for all future tenders.

In case the offered equipment / item or similar equipment / item of higher specification have been supplied by the tenderer or their authorized dealers to SCCL and if such equipment / item has completed required period of performance as stipulated above, for the purpose of ascertaining the proven-ness, the performance established in SCCL, as per internal performance reports obtained from user Areas/departments, will be preferred. However, other performance reports submitted by the tenderer will be considered and the **decision of SCCL will be final.**

2. **Evaluation criteria:** Bids will be evaluated on Landed Cost Basis duly considering Tax Credits, if any.

3. **Payment Terms**

Payment will be made by way of RTGS only. RTGS charges, if any, will be to firm's account.

For RTGS payment, bidders are advised to indicate their Bank details in their offer.

- a) Name of the Bank
- b) Branch Name
- c) Branch Code
- d) Account No
- e) MICR Code
- f) IFSC/RTGS Code

4. **PBG terms: 10% of order value to be submitted towards PBG as per NIT clause No.33.**

5. **Price Conditions:** Prices shall be firm till complete execution of order.

6. **Any other specific terms required:**

a) **Guarantee/Warranty:** The Luminaries 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 supplier at free of cost. The transportation of defective Luminaries shall be under firms scope.

b) **Delivery:** Ordered items are to be supplied within 90 days from the date of receipt of purchase order.

Technical Specifications**I. List of Items:**

SINo	Item Code	Material Desc.	Part No	Qty	Unit	Store/ Plant
1	S1472552362	LED STREET LIGHT FITING 120W 230V		16	NOS	RG-II Area Stores
2	S1472552350	LED STREET LIGHT FITINGS 60/65W 220-240V		32	NOS	RG-II Area Stores
3	S1472552337	FITTING 30W LED STREET LIGHT		280	NOS	RG-II Area Stores

Specifications:

TECHNICAL SPECIFICATIONS FOR LED OUTDOOR LIGHT LUMINARIES				
Sl. No.	DESCRIPTION			Firm's Confirmation
1	GENERAL DESCRIPTION :			
	This Specifications covers design, manufacture, testing at manufacturer's Works, packing, supply, delivery of LED outdoor Light luminaries of Cool white.			
2	SCOPE :			
A	Supply of Luminaries			
	Description	Material Code	Qty	
	LED STREET LIGHT FITTING 120W 230V	1472552362	16	
	LED STREET LIGHT FITTINGS 60/65W 220V -240V	1472552350	32	
	LED STREET LIGHT FITTING 30W 230V	1472552337	280	
3	Technical Specifications:			
	The LED Luminaires shall be as per the following parameters and no deviations are acceptable.			
A	GENERAL:			
a	The LED street light modules will confirm to IS 10322, and powered by latest bright LEDs (Phillips Lumileds/ Cree/ Osram/ Nichia/ LG/ Samsung makes only) with high efficiency and meeting LM-80 and LM-79 standards. Makes of light fittings : Phillips, Osram, GE Venture, Wipro, Crompton, Bajaj, Havells, Halonix, Jaquar, Eveready, Syska, Surya, Keselec, Poly Cab only. Only specified makes mentioned above are acceptable and other makes are not acceptable.			
	Description	Outdoor (Cool White Type)		
b	Luminaire Wattage	As per enquiry		
c	LED luminaire efficacy	> 100 Lumens/Watt		

d	Life Span @ 70% light output	> 50000 Hrs.		
e	Uniformity Ratio (E min / E avg)	0.3		
f	Control of Distribution	Fully Cutoff		
g	Constant lux (The voltage variations / fluctuations in the specified voltage range shall not impinge upon the LUX levels it produces)	At 140V to 270V		
h	Driver current (With Constant Current Driver)	<1500ma/ LED		
i	Driver efficiency	> 90%		
j	Beam angle of the luminaire	120°		
k	Color Temperature	5700K to 6500K		
l	P/N Junction temperature (High thermal conduction must be achieved by use of silicon heat conductive greases as adhesive)	<85 °C		
m	Luminaire Body Temperature	The Body Temperature shall be < Ambient+40° C even after continuous burning of Luminaire for 24 Hrs		
n	Colour Rendering Index (CRI)	> 70		
B	ELECTRICAL			
a	AC Input Voltage Range	140V 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	Luminary Wattage variance at 140 V to 270 V	+ 10%		
f	Luminary Lux Levels Variance at 140 V to 270 V	± 5%		
g	Total Harmonic Distortion(THD)	< 10%		
h	Electrical Connection System	3 wire system		
i	System of earthing (The luminaires 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	on board ≥ 6kv and ≥10KV External with potted driver (Inside Housing)		
L	Driver	Potted Driver		
C	MECHANICAL			
a	Construction of Casing	High Pressure Die Cast Aluminum with integrated heat sink		
b	Finish	PDC Powder Coated & colour		

c	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 luminaries.)	High Pressure Die Cast Aluminum with integrated heat sink		
d	Lamp Cover	Toughened Glass		
e	Secondary Optics/Lense for street lights & Flood Lights	Polycarbonate lens/silicon		
f	IP Level	IP-66		
g	Impact Resistance	IK07		
h	Mounting	Surface / Suspended type. Street lights along with bolts & nuts. Flood lights shall have adjustable tilt design and the mounting bracket shall of suitable thickness and also with bolt & Nuts		
i	Application of Illumination	For Yard, Stadiums, Parks, Junction lighting.etc		
j	Firm's Offer/confirmation			
	Gross Weight and Dimensions (L x W x T) of 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		
4	Technical Specifications of Luminaries (Rating Wise)			
a	LED Luminaries Wattage Rating (Luminary wise)	To be furnished		
b	Firm's Offer/confirmation			
	Light Source	High power Cool white LEDs		
c	Firm's Offer/confirmation			
	Minimum light output (Lumens) from luminaire	To be furnished		
5	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.			
c	The earth core, having distinguished colour, shall be connected inside properly in view of solid earthing system.			
6	SAFETY PROTECTIONS:			
	Luminaries shall be designed and constructed in such a way as to avoid incursion of any danger while using them and shall ensure the following:			
a	Personnel safety against electrical shock, effects of excessive temperature & spread of fire.			
b	The material used in the construction of driver printed boards, driver enclosure etc. shall be non-flammable and heat resistant.			
7	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 fluctuations shall conform to IEC:61000-4-5 or latest			
8	TEST REPORTS / TEST CERTIFICATES:			
A	Type Tests :			
	The luminaries 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 SCOPE of testing of Accrediation certificate).			
a	Visual examination			
b	Resistance to dust and moisture			
c	Insulation resistance and electric strength			
d	Photometry test			
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			
9	Documents to be submitted along with the offer :			
a	The bidder shall furnish G A dimensional drawings with all views of Luminaire pertaining to all the models offered along with the technical bid .			
b	Type test certificates as mentioned under SI.No.8A of 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.			
10	DOCUMENTS TO BE SUBMITTED ALONG WITH EACH CONSIGNMENT.			
a	The Firm shall submit rating wise 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.			
11	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			
12	GUARANTEE TERMS AND CONDITIONS			
a	The Luminaries 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 supplier at free of cost .The transportation of defective Luminaries shall be under firms scope.			

Note: The above specifications are to be confirmed and is to be uploaded by the firm.

General Manager, RG2

Format of Letter of Bid (LOB)

LETTER HEAD OF BIDDER

To,
The General Manager, RG2 Area
The Singareni Collieries Company Limited
8 Incline Colony Post
Peddapalli District.
PIN - 505211

Sub: Letter of Bid for **Supply of 30W/60W/120W LED Street Light Fittings for AWS, RG2.**

Ref: Enquiry No. ER219O0179, dated 25.10.2019

Dear Sirs,

I/We offer to Supply the Material / Provide Service as per our offered rate/price in accordance with the conditions of the NIT document as available in the website.

This Bid and your subsequent Supply/Purchase Order shall constitute a binding contract between us.

I/We hereby confirm our acceptance of all the terms and conditions of the NIT document unconditionally.

If any information furnished by **me/us** online towards eligibility in this tender is found to be incorrect at any time, penal action as deemed fit may be taken against **me/us** for which **I/we** shall have no claim against SCCL.

DSC Holder

If the DSC holder is bidding online on behalf of the bidder, then the scanned copy of Power of Attorney duly notarized on a non-judicial stamp paper of Rs 10 as per format mentioned on next page shall be uploaded along with this Letter of Bid on second page. However, If the bidder himself is the DSC holder, bidding on-line, then no specific document is required.

Yours faithfully,

(Signature of Bidder **OR** Authorised person of bidder **OR** DSC Holder bidding online with authorisation from bidder)

- 1.Name of Authorised Signatory :
- 2.Type of Authorisation :
- 3.Name of the Bidder :
- 4.Address :
- 5.e-Mail Address :
- 6.Mobile/Telephone Number :
- 7.FAX Number :
- 8.Place :
- 9.Date :

Format for Authorisation to DSC holder bidding online on behalf of bidder.

NON JUDICIAL STAMP PAPER OF Rs 10/-

I/We do hereby authorise M/s/Mr/..... Address
..... for online bidding on behalf of me/us for the e-tenders invited by
The Singareni Collieries Company Limited, Kothagudem on <https://tender.telangana.gov.in>.

Signature/Seal of the DSC Holder

Authorised for online bidding on
behalf of the bidder.

Signature & Seal of the bidder

Authorising the DSC Holder for
online bidding.

Signature & Seal of the NOTARY

ANNEXURE –IV

Sub: **Supply of 30W/60W/120W LED Street Light Fittings for AWS, RG2.**
Enquiry No: **ER219O0179, dated 25.10.2019.**

Acceptance of Commercial terms and conditions by the Bidder.

SI No	Commercial Terms of NIT	Acceptance of Bidder
1	Instructions to Bidder (Submission/Evaluation of Bid, etc)	Accepted
2	Bid Validity	Accepted
3	Prices clause including Firm price on FOR	Accepted
4	Submission of Import Document in case of Import & Supply by Agent	Accepted
5	Submission of Cenvat Invoice /tax invoice	Accepted
6	Applicable Taxes & Duties	Accepted
7	Consignee/Destination Point	Accepted
8	Delivery	Accepted
9	Payment Terms	Accepted
10	Packing	Accepted
11	Liquidated Damages	Accepted
12	Risk Purchase	Accepted
13	Force Majeure	Accepted
14	Guarantee / Warranty as per Technical specifications of NIT	Accepted
15	Performance Bank Guarantee as per NIT	Accepted
16	Currency of Bid	Accepted
17	Price Fall clause	Accepted
18	General Terms and Conditions	Accepted
19	Arbitration clause	Accepted

Signature of the Bidder

Seal of the Firm

THE SINGARENI COLLIERIES COMPANY LIMITED

OTHER COMMERCIAL INFORMATION

Subject of the enquiry: Supply of 30W/60W/120W LED Street Light Fittings for AWS, RG2			
Enquiry No. and date: ER219O0179, dated 25.10.2019			
SI No	Particulars	Details	Remarks, if any
1	Details of EMD (if applicable)		
2	Proof of being Manufacturer (for tendered item)		
3	Type of Registration (SSI/NSIC/DGS&D etc.)		
(a)	Document reference no. & date		
(b)	Issued by		
(c)	Registration Number		
(d)	Name of the Registering Authority.		
4	Validity of offer (180 Days From date of Opening of Techno-Commercial Bid)		
5	GST Details		
(b)	Rate of GST	As quoted in Price Bid	
6	Packing & Forwarding Charges (Inclusive/Extra- Rate in % to be indicated)	As quoted in Price Bid	
7	Freight & Insurance charges (Inclusive/Extra - Rate in % to be indicated)	As quoted in Price Bid	
8	PAN NO		
9	Payment details (for EFT)		
(a)	Account Name		
(b)	Banker's Name		
(c)	Branch		
(d)	Address, City/Town, District, State		
(e)	Account type		
(f)	A/c No & EFT No		
(g)	IFSC Code		
10	MSME (Applicable/Not Applicable)		
(a)	If applicable, indicate Registration No. & Registering Authority		
11	Vendor Code of the bidder (if registered in SCCL)		
12	Firm prices: (The prices quoted are FIRM On FOR Destination basis)	The prices quoted are FIRM On FOR Destination basis	
13	Lead time required to commence the supplies (in weeks)		
14	Supply Capacity (per month)		

Note: All Taxes and duties mentioned in Commercial Bid are only considered for evaluation.

List of documents to be up loaded

SI No	Document name
1	In case of claiming exemption for EMD, copy of SSI/NSIC/MSME
2	Commercial information
3	Letter of bid (LOB)
4	Acceptance to commercial terms
5	GST Registration Certificate
6	Declaration and No-banning certificate
7	Copies of Previous Purchase orders placed by SCCL / Government organizations / PSUs / Subsidiaries of CIL
8	Copies of Satisfactory performance report issued by Government organisations / PSUs/ Subsidiaries of CIL for the previous orders submitted.
9	(Other certificates as per NIT like BIS/IS Certification, Legal metrology approval, DGMS approval, Electric regulatory authority etc. etc)
10	Any other documents as per NIT