



THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)
PURCHASE DEPARTMENT, SINGARENI BHAVAN,
RED HILLS, PO: KHAIRTABAD, HYDERABAD – 500004
TELANGANA (STATE)
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SCCL GST No : 36AAACT8873F1Z1

NOTICE INVITING TENDERS (NIT)

ENQ.NO & DATE: HY120O0289 DT: 25.09.2020

DT:25.09.2020

ENQ CLOSING DATE: 19.10.2020 ON OR BEFORE 3.00 PM

ENQ OPENING DATE: 19.10.2020 AFTER 3.00 PM

Sub: QUOTATIONS FOR SUPPLY OF 3KVA UPS INCLUDING TRANSPORTATION,
COMMISSIONING/INSTALLATION AT KOTHAGUDEM REG

MODE OF ENQUIRY : OPEN TENDER
NUMBER OF SOURCES : SINGLE
MODE OF TENDERING : SINGLE COVER

SINo	Item Code	Material Desc.	Quantity	Unit
1	5536131102	UPS ONLINE 3KVA 230V INPUT 120 MIN BACK UP including transportation, commissioning/ installation at Corporate, Kothagudem	1	NO

**Technical Specifications for NFLP On-Line UPS of capacities 3.0 KVA 230V
Input with 120 Min. Backup:**

General: The Un-interrupted Power System shall be designed to operate continuously at rated capacity as an on-line automatic system. The UPS should be energy efficient and environment friendly.

UPS Topology: True ON Line, input and output double conversion type, must include PWM-controlled IGBT package.

Capacity rating : 3.0KVA

Nominal input :

- a) Voltage: 160 to 260 Volts (Single Phase)
- b) Voltage for 20.0 KVA UPS: 370 - 470 V, 3 Phase
- c) Frequency: 50 Hz \pm 5%

Output:

- a) Voltage: 230 Volts \pm 1%, Single phase,
- b) Frequency: 50 Hz \pm 1%

Switching device : IGBT

Switching frequency : > 10 KHz

Bypass: Manual and static by-pass switches to be provided.

Output wave form: Pure sine wave output

Total Harmonic distortion: < 3% non-linear loads

Voltage Transient response: For every change of step load from 0% to 100% and vice-versa the change in output shall remain within $\pm 5\%$ and shall recover within 5 milli Secs.

Transfer time: 2 to 4 milli seconds

Power Factor:

a) Load power factor > 0.65 lagging

b) UPS power factor > 0.9 lagging

Crest factor: 3:1

Overload capacity: UPS shall withstand for

a) 25% over load for 10 minutes

b) 50% over load for 1 minute

Inverter efficiency: > 90%

Overall efficiency: > 85%

Protections: UPS shall have following protections:

a) Over voltage

b) Under voltage &

c) Over load and Short circuit

UPS shall have following indicators:

a) Mains presence

b) Battery charging & discharging & Low Battery

Ambient temperature : 0 - 48°C

Humidity: 0 - 95% (non-condensing) Cooling: Air cool

Audible noise: < 45 db at 1 meter from surface of the unit

Battery pack: Sealed

Maintenance Free batteries of standard make and shall be adequately suitable for 120 minutes backup in separate steel/angle rack having well ventilation with interlink cables and strips.

Charger: Automatic boost cum float with Constant Voltage and Constant current Technology

Back up time: 120 Minutes Battery VAH shall be 7200 VAH (min)

Enclosure: Enclosure shall conform to IP & IS:13947

Guarantee/Warranty: UPS System shall be guaranteed for a period of 36 months from the date of commissioning or 42 months from the date of despatch whichever is earlier with supply & replacement of all parts including batteries free of cost.

Installation: Input power shall be arranged by SCCL and battery bank installation has to be done by the supplier.

Other Terms and Conditions for UPS Systems:

The scope includes supply, commissioning, testing of UPS system at required site.

Two sets of documents shall be supplied along with UPS system covering operation, maintenance, repairs and circuit diagram.

TO SUBMIT QUOTATION IN THE FOLLOWING PROFORMA

SL NO	DESCRIPTION	QTY	BASIC RATE PER UNIT Rs.	TRANSPORTATION CHARGES	Commissioning / Installation at KGM	GST %	LANDED COST Rs.	HSN CODE
1	UPS ONLINE 3KVA 230V INPUT 120 MIN including transportation commissioning/ installation at Corporate, Kothagudem	1 No						

EVALUATION WILL BE DONE OVERALL L-1 BASIS (COMBINED VALUE OF ITEMS ON LANDED COST BASIS ON ITEM WISE i.e., BASIC + TRANSPORTATION CHARGES + COMMISSIONING/INSTALLATION + GST OF ALL ITEMS. % GST WILL BE TAKEN WITH RESPECT TO HSN CODE

NOTE: FIRMS ARE REQUESTED TO MENTION DELIVERY PERIOD, GUARANTEE PERIOD IF ANY MAKE, MODEL OF THE QUOTED ITEM. OFFERS WITHOUT ABOVE, WILL NOT BE CONSIDERED FOR FURTHER PROCESS.

Vendors who can supply within one week only should participate in the enquiry. You have to mention the delivery period HSN CODE TO BE MENTIONED MAKE TO BE MENTIONED.

- 1. Offers are invited from vendors located in Hyderabad/Secunderabad vendors only will be considered.**
- 2. OFFER VALIDITY:** Bidder shall keep the offer valid for a period of 4 months from the date of opening of the tenders. The offer with less validity period than stipulated is liable for rejection.
- 3. GST(GOODS AND SERVICE TAX) registration certificate to be submitted along with material HSN/SAC CODE. The applicability of GST & other taxes, if any, in % shall be clearly mentioned an extra.**
- 4. The bidders offered without any GST & other taxes, their landed cost will be arrived by taking maximum GST% quoted by other bidders.**

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A) GENERAL TERMS AND CONDITIONS

- Validity, delivery period, GST, Warranty / Guarantee to be mentioned.
- Tenders received after stipulated time and date will not be considered For whatsoever reasons there of.
- Quotation must be on a paper identifying the firm with telephone number etc. They should be clear and free from corrections and erasing.
- Rate quoted by you should be valid for 120 days from the date of opening of tenders and no revision of rates will be permitted during the above period.

- e. Rate should be quoted as per the sizes / units / makes / brands asked for Otherwise such offers will not be considered.
- f. The quantity shown in the enquiry is not firm and fixed. It may be increased /decreased.
- g. The material is to be supplied as per the tender enquiry and should be delivered at M/s Singareni Collieries Company Limited, Hyderabad and no transportation charges will be paid separately unless it is mentioned in the offer clearly. Mention whether the offer is Ex-showroom, Ex-work or delivery at our office, Hyderabad
- h. Samples of the items should be submitted in case, they are asked for in the enquiry
- i. Those who are having ready stocks, capable of supply of material as per the enquiry within the stipulated time only need to forward their offer.
- j. M/s SCCL deserves the right to reject any/all the tender (s) or accept any offer or part thereof without giving any reasons. Its decision in this matter will be final and binding on all the tender/(s).
- k. Sealed tenders can be dropped in the tender box in the Company Purchase Office at Hyderabad or can be sent by post / courier before the due date and time. Fax quotations are not accepted
- l. M/s SCCL will not, in any way, be responsible for any postal delay.
- m. Separate cover may be used for each quotation. Quotations of different enquiries put in single cover will not be considered.
- n. Payment will be made within 30 days after receipt of material at Hyderabad.

B) Tax retention clause:

The supplier shall upload his Tax Invoice in the GSTN as per the provisions of the GST Act i.e., by 10th of the month subsequent to the month in which "Time of Supply" arises. In respect of orders where the entire order quantity is executed in phased manner through multiple invoices or where staggered payment is made, if the "Tax Invoice" is not uploaded within the time limits prescribed under GST Act, the tax amount will be withheld from the payment made against subsequent Invoice till such time the invoice is uploaded. The final payment is subject to compliance of all formalities under GST by the supplier

Delivery of material should be immediate.

- C) NOTE: .1. FIRM REPRESENTATIVES ARE NOT ALLOWED TO SINGARENI BHAVAN, SCCL, HYDERABAD OFFICE DUE TO LOCKDOWN.
2. FAX/MAIL QUOTATIONS ARE NOT ACCEPTABLE.**

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