



(Govt. of India Enterprise)
O/o the G.M.Telecom., Ranchi – 834 001

Limited Tender for SIX KVA On Line
U.P.S. For New TRA SECTION.

Issued to

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Tender Issuing Authority
D.E.(Planning)
O/o the G.M.T., Ranchi.

BHARAT SANCHAR NIGAM LIMITED
(Govt. of India Enterprise)
Office of the General Manager Telecom., Ranchi-834001

No. RTD/ S-18 /UPS Tender / 07-08

Dated : 24.07.2007

NOTICE INVITING TENDER

**The G.M.T., Ranchi on behalf of B.S.N.L. invites Tender for supply of 6 KVA
On Line U.P.S. with Battery.**

Last Date of submission of Tender : 01.08.2007 up to 14.00 Hrs.

**Date of opening of Tender : 01.08.2007 at 15.30 Hrs in the chamber of
the D.E.(PIg), o/o the GMT, Ranchi**

Please log on our web site : [www. jharkhand. co. in](http://www.jharkhand.co.in) for more detail.

Divisional Engineer (Planning)
O/o the G.M.tT, Ranchi.

BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
O/O The G.M.T., Ranchi.

No.RTD/S-18/ UPS Tender / 07-08

Dated: 24.07.2007

Tender Notice

General Manager Telecom, R.T.,D., Ranchi for and on behalf of BSNL invites properly sealed tender for the Supply, Installation , Testing & Commissioning (SITC) of under noted item from reputed Company / Re-seller / Manufacturer or supplier in Ranchi SSA.

SI.No.	Tender No.	Name of Items	Estimate Cost	Cost of Tender Document	EMD
1.	RTD / S-18 / UPS Tender / 07-08	SITC of On Line UPS (of 6 KVA with Battery)	Rs.1,98,000.00	Free of cost	Rs.4950.00

Tender form with other relevant details can be had from the office of DE(Plg), O/o the GMT, Ranchi on all working days (except on Sunday & Holidays) **from 24.07.2007 up to 1400 hrs of 31.07.2007 on production of the following documents.**

1. Attested photo copy of PAN Card.
2. Attested photo copy of Sales Tax Registration certificate./ TIN no.
3. Annual Turn over certificate of Rs. Ten Lakhs or above.

*Last date of submission of Tender ... **01.08.2007** up to 14:00 hours

*Opening date of Tender : ...**01.08.2007** at 15:30 hours

*Last Date of Issue of Tender Paper... **31.07.2007** up to 12:00 hrs.

The GMT, Ranchi reserves the right to accept or reject any Tender without assigning any reason.

Tender document can be downloaded from website: www.jharkhand.co.in

D.E.(Plg)
O/o the G.M.T., Ranchi.

SPECIFICATIONS / RATE SCHEDULE / TERMS AND CONDITIONS

I. TECHNICAL BID must be accompanied with:-

- a. Turn over certificate of not less than Rs.10 Lakhs.
- b. Sales Tax Registration certificate/ TIN certificate and PAN Card(attested Photo copies).
- c. All sheets of the tender document duly signed .

II. SCOPE OF WORK

A new TRA section has been opened in C.T.O. building and LAN wiring is also completed recently. Initially six nos. of P.Cs, will be provided there, which will require a 6 KVA UPS for power back up in case of power failure for smooth functioning of section. This UPS is to be used exclusively for the new TRA section.

The bidder has to provide UPS and Battery.

III . Specification for On Line U.P.S. :

TCHNOLOGY EMPLOYED	:	Online Double Conversion, 20 KHz.PWM Technology Using IGBT's
Models		6000 VA
OUTPUT CHARACRISTICS		
Technology Employed	:	Pure sine wave, IGBT design. Online double conversion.
Voltage / Freq. Free Rung. Mode / Freq. Sunc. Mode	:	208/220 / 230 / 240 (Selectable) / 50/60 Hz. ± 0.5 %
Wattage / Max. current rating	:	4200 W .
Waveform / Output Power Factor	:	True Sine Wave / 0.8 lagging (typical)
T.H.D. Linear Load/ T.H.D. non linear load	:	< 3 %
Isolation Type	:	Galvanic Isol. Using Isolation Transformer :- Optional
Overload Rating	:	110 % Continuous / 125 % for 1 minute / 150 % 10 sec.
Voltage Regulation For		Steady State < ± 1 % (Max.) / Transient State < + 4 %
Recovery Time for regulation band		< 5 ms.
Inverter efficiency		> 95 %
Crest Factor		3 : 1
INPUT CHARACTERISTICS		
Vol. Range /Freq. Range/Overall efficiency		160 V to 270 V/ 50 - 60Hz. ± 10 % / > 0.98 %
D.C. CHARACTERISTICS		
Charging Voltage		240 V
Nominal D.C. Voltage		240 V
Type of Batteries		Sealed Maintenance Free
Charger Topology		Boost Charger
Recharge Type (Typical) / Ripple (on D.C.)		4-8 Hours./ < 0.5% (typical)
Protections		Static Bypass Switch .
Output Overload / Output Short circuit		Input Over / Under Voltage/ D.C. Over Current/ Over Temperature / D.C. Under Voltage

	Contd. On next page
Switches & Controls	
Power on Switch/ Input AC Breaker	Input D.C. Breaker / HRC Fuse / Static Bypass
OTHER FEATURES	
Cold Start	Present
Transfer Time (From Inv. To Bypass mode & Vice versa)	< 5 ms.
LAN interface	RS 232 Interface with PC (For mains fail, Batt. Low, Remote shutdown)

IV. Terms & Conditions :

1. Payment Schedule : 100% payment after successful commissioning of the UPS.
2. Delivery Schedule : Equipment to be supplied within two weeks from the date of issue of Work order / Purchase order.
3. Late Delivery : 0.5% per week.

V. AMC : The successful vendor should give a warranty of minimum one years on UPS and Battery from the date of commissioning and should furnish price schedule for AMC of UPS for the First year & Second year after expiry of warranty Period.

VI. Tender will be opened on 24/07/2007 at 1530 hours in the chamber of DE (Plg), O/o the GMT Ranchi in the presence of tenderer or their authorized representative, if they so desire. In case of authorized representative, authorization letter must be submitted before TOC.

VII. If any product / company has TEC specification, that may be given additional weight age.

D.E.(Plg)
O/o the G.M.T., Ranchi.

AGREEMENT

This agreement is made this Day of two thousand and seven between the General Manager Telecom district, Ranchi under the BSNL (herein called the first party) on one part. & M/s..... (Herein after called the second party).

Whereas M/s..... have liability contracted with the General Manager Telecom District, Ranchi for Supply of Ranchi as per specification and approved rated shown in ANNEXURE – I and on terms and conditions mentioned in Tender No. /RTD/S-19/Limited Tender.

In the witness whereof the said contractor and the said General Manager Telecom District, Ranchi acting in promises as aforesaid have set their respective hands and seal of the day first above written. The Contractor have deposited EMD amounting to Rs..... only Vide..... EMD Money will be converted as Security Money also.

ARBITRATION :

- (A) In the event of any question, dispute or arising under this agreement or in connection there with except as to matter the decision of which specifically provided under this agreement the same shall be referred to sole arbitration of the Chief General Manager Telecom., JKD Circle, Ranchi or in case his designation is changed or his office is abolished then in such case to the sole arbitration of the officer for the time being entrusted whether in addition to the function of the CGMT, JKD Circle, Ranchi or whatever designation such officer may be called (hereinafter referred to as the said officer) and if the CGMT, JKD Circle, Ranchi of the said officer is unable or unwilling to act as such to the sole arbitration or some other person appointed by the CGMT, JKD Circle, Ranchi or the said officer.

There will be no objection to any such appointment that the arbitrator is Government Servant or that he has to deal with the matter. To which the agreement related or that in he course of his duties as Government Servant he has expressed views on all or any of the mater under dispute. The award of the arbitrator shall be final and binding on the parties. In the event of such arbitrator to whom the matter is originally referred, being transferred or vacating his officer or being unable to act for any reasons whatsoever such CGMT, JKD Circle, Ranchi or the said officer shall appoint another person to act as arbitrator in accordance with terms of the agreement and the person so appointed shall be entitled to proceed from the stage at which it was left out by his predecessors.

- (B) The arbitrator may from time to time with the consent of parties enlarge the time for making and publishing the award. Subject to aforesaid Indian Arbitration Act, 1940 and the Rules made thereunder, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.

(C) The venue of the arbitration proceedings shall be the office of the CGMT, JKD Circle, Ranchi or such other places as the arbitrator may decide.

SET OFF :

Any sum of money due and payable to contractor (including security deposit refundable to him) under this contract may be appropriated by the purchaser for the BSNL or any other person or persons contracting through the Govt. of India and set off the same against any claim of the purchaser or BSNL or such other person or persons for payment of a sum of money arising out of his contract or any other contract made by the contractor with the purchaser of BSNL or such other person or persons contracting through Govt. of India.

Signed & Seal by
For General Manager Telecom District
Ranchi.

Signed & Seal by the
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In the presence of

1.
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2.
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ANNEXURE – I

Price Schedule for the On Line UPS

Sl. No.	Item		Rate in Rs. (inclusive of all taxes , freight, delivery & installation etc.)
1	6 KVA S.I.T.C. of On Line UPS	01 Unit	
2	65 AH Maintenance Free Battery	20 Units	
3	On Line 6 KVA UPS	AMC charge for the First Year	
		AMC charge for the Second Year	
		TOTAL (Sl. No. 1 + 2 + 3)	

L-1 will be decided on Total cost (i.e. cost of On Line UPS + Battery + A.M.C. for two years.)

SIGNATURE OF BIDDER WITH SEAL