

Tender No. : IS-01/2019 Dated:14.02.2019



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Government Undertaking)

Office of the Chief Engineer (Sys. Op), Vidyut Bhawan, Shimla-171004 (HP)

Tel. 0177-2657901, Fax. 2653656,

Email: cesop@hpseb.com, Web : www.hpseb.com

BID DOCUMENT FOR

Banking of Power by HPSEBL for the period from April, 2019 to March, 2020.

HPSEBL wishes to invite Offers from Distribution Licensees and Electricity Traders having Interstate Trading License from the Central Electricity Regulatory Commission (CERC) (Category III & above) and Power Utilities in Northern Region for banking of surplus power for the period w.e.f. **1st April, 2019 to 30th September, 2019 with its return during winter months i.e. 8th October, 2019 to 31st March, 2020 on firm basis to mitigate the shortages during winter months as per the following modes:**

A) BID No. 1: RTC Vs RTC:

HPSEBL shall supply power on RTC basis i.e. 00:00 to 24:00 hours w.e.f. 1st May, 2019 to 30th September, 2019 as per schedule specified under Table-1 of **Annexure-I** attached. The Utilities/traders shall return the banked power to HPSEBL on RTC basis i.e. 00:00 to 24:00 hours during the period 1st November, 2019 to 31st March, 2020 as per schedule specified under Table-2 of **Annexure-I** attached.

B) BID No. 2: RTC Vs DAY:

HPSEBL shall supply power on RTC basis i.e. 00:00 to 24:00 hours w.e.f. 1st May, 2019 to 15th September, 2019 as per schedule specified under Table-3 of **Annexure-II** attached. The Utilities/traders shall return the banked power to HPSEBL during day time i.e. 06:00 to 18:00 hours during the period 8th October, 2019 to 31st March, 2020 as per schedule specified under Table-4 of **Annexure-II** attached.

C) BID No. 3: NIGHT Vs NIGHT:

HPSEBL shall supply power during night time i.e. 00:00 to 06:00 & 22:00 to 24:00 hours w.e.f. 1st May, 2019 to 30th September, 2019 as per schedule specified under Table-5 of **Annexure-III** attached. The Utilities/traders shall return the banked power to HPSEBL in same time slots i.e. 00:00 to 06:00 & 22:00 to 24:00 hours during the period 16th October, 2019 to 31st March, 2020 as per schedule specified under Table-6 of **Annexure-III** attached.

D) BID No. 4: NIGHT Vs RTC:

HPSEBL shall supply power during night time i.e. 00:00 to 06:00 & 22:00 to 24:00 hours w.e.f. 1st May, 2019 to 30th September, 2019 as per schedule specified under Table-7 of **Annexure-IV** attached. The Utilities/traders shall

return the banked power to HPSEBL on RTC basis i.e. 00:00 to 24:00 hours during the period 1st December, 2019 to 31st January, 2020 as per schedule specified under Table-8 of **Annexure-IV** attached.

E) BID No. 5: RTC Vs RTC (Receipt of Banking Power by HPSEBL First).

HPSEBL shall receive power on RTC basis w.e.f. 1st April, 2019 to 15th April, 2019 as per schedule specified under Table-9 of **Annexure-V** attached. HPSEBL shall supply the banked power to Utility/Traders on RTC basis during the period 16th July, 2019 to 15th August, 2019 as per schedule specified under Table-10 of **Annexure-V** attached.

However, HPSEBL reserves the right to increase or decrease the quantum/schedule of power by upto 10% while placing the Lol.

Submission of Bid:

The Tender should be submitted in Two Parts. The following procedure will be adopted for the opening of tenders:

• **Part-A:**

- 1) Covering Letter.
- 2). Earnest money deposit in the form of Demand Draft/Bank Guarantee in favour of Senior Accounts Officer(Banking), HPSEBL, Vidyut Bhawan, Shimla – 171004 payable at Shimla.
- 3). Authorization Certificate / LOI (Letter of Intent) of Utility(ies).
- 4) Copy of valid inter-state Energy Trading License issued by CERC to deal in Inter-state/ Intra-state trading of energy. (In case of bid by Trader).
- 5) Acceptance of General Terms and Conditions and provisions of Power Banking Arrangement.

• **Part-B :**

- 1). Unconditional Banking Bid consisting of percentage premium on returnable quantum for banking of energy with HPSEBL as per **Annexure-I, II, III, IV & V.**

Firstly the Part-A containing the Demand Draft/Bank Guarantee towards the EMD will be opened in the presence of the bidders or their authorized representatives who choose to be present at the time / date of opening. If the EMD is found to be as per the requirement of tender documents and the documents under Part-A above are in order, only then the Part-B of the Tender shall be opened. The bids without Earnest money shall be out rightly rejected.

Both the Part-A & Part-B shall be put together in one sealed envelope marked "Offer for Banking of power for HPSEBL" duly indicating the Due Date of Opening and be sent on the following address:

**The Chief Engineer (System Operation),
HPSEBL Vidyut Bhawan,
Shimla-171004.**



The other detailed terms and conditions for banking of above power are given as under:-

1. Eligibility Criteria:

All distribution licensees of NR region can participate directly or through an electricity trader having interstate trading license (category-III & above) issued by CERC. However, the interstate trading licensee while participating on behalf of distribution licensee shall have to submit the Lol/consent/acceptance of utility(ies)/distribution licensee(s) duly signed by the authorized signatory clearly indicating the acceptance of tendered time slot wise quantum of power (schedules) for the periods as mentioned at Annexures attached. The energy banking shall be accepted with the utility(ies) of Northern Region only.

2. Evaluation Criteria:

The bid shall be evaluated purely on merit basis duly considering the completeness of the Bid. The incomplete and conditional bids shall be liable for rejection. Any bidder(s), deviating in respect of time slots, quantum of power and period of transaction as mentioned in the Bid(s) may not be considered even for evaluation. In case of Trader(s) they shall clearly indicate the Utility and also submit the Lol/consent/acceptance of utility(ies)/distribution licensee(s) duly signed by the authorized signatory of the Distribution Licensee. However, HPSEBL reserves the right to accept or reject any bid(s) fully or partially on the basis of past experience, performance and other conditions as may be deemed fit by HPSEBL.

3. Delivery Point:

The delivery point in either case shall be at **Regional Periphery i.e. NR periphery.**

4. Open Access Transmission Charges & Losses:

a) Upto Delivery Point:

All Open Access Charges upto delivery point including SLDC charges, injection charges, RLDC scheduling charges or any other charges as may be applicable and all transmission losses including Injection Losses up to delivery point shall be borne by Exporting Utility.

b) Beyond Delivery Point:

All Open Access Charges beyond delivery point including SLDC charges, drawl charges, RLDC scheduling charges or any other charges as may be applicable and all transmission losses including drawl losses beyond delivery point shall be borne by importing utility.

5. Scheduling:

MW schedule shall be given as per the month-wise, slot-wise quantum as agreed. The scheduling and dispatch of the Power shall be coordinated with respective RLDC(s) as per the relevant provisions of IEGC and frame work of ABT and the decisions of RLDC(s) and RPC(s) to ensure scheduling of full quantum of power as per Lol/Agreement:

- a. The Power shall be scheduled and dispatched as per the prevailing relevant provisions of CERC (Open Access in Inter-State Transmission) Regulation.
- b. Both the entities shall obtain the concurrence of their respective SLDCs required for short term open access. Trader/Recipient utility shall apply for STOA for the entire quantum of power contracted as per short term scheduling procedures along with the SLDC consent and pay the open access charges as per rules. Both utilities shall exchange their & their SLDC's consent on Format-II for entire banking cycle within 20 days of issue of LOI. In case of Trader(s), Trader will obtain consent of both utilities on Format-II for entire banking cycle and will supply the copies of the same to both the utilities. Trader(s) will be fully responsible for filing applications as per the consent conveyed by the utilities. No change in the consent so given will be allowed except with mutual consent of both the parties. In case of any corridor constraints during normal returning period, the balance quantity shall be returned during the contracted period with the mutual consent of both the parties. Similarly, in case of curtailment during supply period, the return schedule shall be revised based on actual energy supplied with the mutual consent of both the parties. Any power scheduled less during the supply of power other than corridor constraints will be considered non performance of the agreement and the CPG submitted shall be forfeited apart from compensation as per Clause-8 given below.
- c. The supplying utility shall reimburse the open access and scheduling charges, if any, before delivery point to Trader/recipient Utility(ies), within 7 days after receiving the bill through fax/email.
- d. In case of cancellation of corridor by RLDC due to system constraints, the refund received by Trader/recipient utility(ies) from RLDC, if any, against supplying State's Open Access Charges shall be refunded within 7 days of its receipt from the Nodal RLDC.
- e. In case of re-routing of open access corridor due to congestion / system constraints, the additional charges involved shall be borne by the Trader(s)/recipient utility.
- f. The Open Access Charges Reimbursement bills must be faxed/mailed on any working day before 15:00 hrs otherwise the date of receipt of bill will be considered as the next working day. Similarly in case the due date for payment falls on a holiday, then the next working day shall be considered as due date for payment.

6. **Energy Accounting:**

- i) The accounting of energy shall be carried out by both the Trader(s)/utilities on the basis of Implemented Schedule/Final REA issued by NRPC/NRLDC and will be at Regional Periphery.
- ii) For the power supplied by the HPSEBL to trader(s)/utility(ies) during the entire month, HPSEBL shall issue a certified energy statement based on the final REA issued by NRPC.

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- a. For the return of banked power by Trader(s)/utility(ies) during the entire month, the trader(s)/utility(ies) shall issue a certified energy statement to HPSEBL based on the final REA issued by NRPC.
- b. Once all the transactions are completed, trader(s)/utility(ies) shall prepare a final energy account showing the supply and return of power in energy terms (MUs).

7. **Settlement Rate:**

These banking arrangements shall be on purely energy to energy transaction basis and shall be considered as cash less transaction. In case of any corridor constraints during normal returning period, the balance quantity shall be returned during the contracted period with the mutual consent of both the parties. Similarly, in case of curtailment during supply period, the return schedule shall be revised based on actual energy supplied with the mutual consent of both the parties. However, any unadjusted quantum still remaining by the end of banking cycle the same shall be settled @ Rs 5.25 per kWh. Due date for payment by either party for unadjusted quantum shall be within 7 days (Including the day of issuance of bill) of issuance of bill.

8. **Compensation for Default:**

Failure to return the contractual quantum to HPSEBL shall be considered as breach of agreement and the whole of the unreturned quantum shall be considered towards unadjusted quantum and shall attract the provision of Clause 7 for settlement of unadjusted quantum i.e. @ Rs.5.25 per kWh. During the period of supply by HPSEBL, the Trader(s) shall schedule full quantum as per the Lol and energy scheduled less than 90% of schedule excluding less scheduling on account of curtailment due to corridor congestion will be liable for compensation @ Rs 2.00 per kWh by the defaulting party i.e the Bidder(s) in case they schedule less power and HPSEBL in case HPSEBL does not supply power.

9. **Surcharge for Late Payment:**

For any kind of outstanding payments after due date of respective bill (if any), surcharge @1.50% per month calculated on daily basis shall be applicable on defaulting party.

10. **Rebate:**

A rebate of 2% will be allowed in case payment of bill of unadjusted quantum is made within due date of payment. However, no rebate will be allowed in respect of Open Access Charges bills.

11. **Force Majeure:**

The parties shall ensure due compliance with the terms of the agreement. However, no party shall be liable for any claim for any loss or damage whatsoever arising out of the failure to carry out terms of the agreement to the extent that such a failure is due to Force Majeure events like rebellion, mutiny, civil commotion, riot strike, lock-out, natural calamity, act of god and technical constraints/ transmission constraints imposed by RLDC / RPC. But any party claiming the benefit of this clause shall fully satisfy the other party of the existence of such event and give written information to the other party within 24 hours of such Force Majeure. Supply / drawl of power shall be resumed immediately by the parties concerned after such eventuality has come to an end or ceased to exist.

In case of any corridor constraints during normal returning period the balance quantity shall be returned during the contracted period with the mutual consent of both the parties. Similarly, in case of curtailment during supply period the return schedule shall be revised based on actual energy supplied with the mutual consent of both the parties. However, any unadjusted quantum still remaining by the end of banking cycle the same shall be settled @ Rs 5.25 per kWh. Due date for payment by either party for unadjusted quantum shall be within 7 days of issuance of bill.

12. Earnest Money Deposit:

The prospective bidder(s) shall deposit Earnest Money of **Rs.1,50,00,000/- (Rupees One Crore Fifty Lac only)** in the form of crossed Demand Draft/Bank Guarantee of any Nationalized Bank drawn in favour of **Sr. Accounts Officer (Banking), HPSEBL payable at Shimla having validity upto 30 days from date of opening of tenders.** The successful bidder shall remain under contractual obligations as per the said contract till the final successful return of the quantum to HPSEBL and final settlement of energy accounts, the EMD of the successful bidders shall be converted into performance guarantee. No interest shall be paid on the EMD/ Performance Guarantee. The performance guarantee shall be refunded within 30 days after production of no dues certificate signed by both the parties and to those of unsuccessful bidders, after 30 days from the date of opening of the tenders. The EMD shall be forfeited in favour of HPSEBL, if a bidder withdraws or modifies its bid during Bid Validity Period and fails to sign detailed Power Swap Agreement within 10 days of issuance of Letter of Intent (LoI) to successful bidder.

13. Right to Accept/ Reject the Bid:

HPSEBL reserves the right to reject any or all bids or to accept any bid in full or part at its sole discretion without assigning any reason(s) whatsoever thereof. The decision of HPSEBL shall be final and binding on the bidders in this respect and no further correspondence shall be entertained by HPSEBL in this regard.

14. Modification of the Bid Documents:

HPSEBL reserves the right to modify terms and conditions of the Bid Documents prior to the submission of the bid by the bidder by issuing amendment(s) and such amendment(s) shall form part of bid documents.

15. Bid Validity Period:

The offer shall remain valid for a period of **30 days** from the date of opening of bid ("Bid Validity Period") and the Bidders shall have no right to withdraw the offer or alter any terms and conditions during the period of validity.

16. Last date of Submission of the Bid:

The sealed offers must reach in the office of Chief Engineer (System Operation), HPSEBL, Vidyut Bhawan Shimla-171004 on or before **26.02.2019 by 14:00 hrs.** and shall be opened on the same day at 14:30 hrs. in the office of Chief Engineer (System Operation). The representatives of the participating parties may be present at the time of opening of the bid, if they desire so.

17. **Letter of Intent (LoI)/ Agreement:**


The successful bidder(s) shall be issued Letter of Intent (LoI) by HPSEBL and thereupon bidder(s) shall execute Power Swap Agreement along with Format-II (CERC approved Open Access Application) for the full returnable quantum and the period during which power is to be returned to HPSEBL, duly approved by the concerned SLDC within 10 days of issue of Letter of Intent (LoI) by HPSEBL failing which the LoI shall be liable for cancellation.

18. **Disclaimer and HPSEBL Rights:**

This NIT shall not be construed as an offer and HPSEBL is not bound to bank energy from any bidder pursuant to this NIT. HPSEBL reserves the right to modify or withdraw from the process initiated by it.

19. **Disputes**

All disputes arising out of bid enquiry shall be governed in accordance with Indian Law and subject the jurisdiction of courts situated at Shimla.


Chief Engineer (System Operation),
Vidyut Bhawan, HPSEBL,
Shimla-171004

BID NO.1 (RTC Vs RTC)**Table-1: Supply of Power to Utility(s) / Trader(s) on RTC basis during the period 1st May, 2019 to 30th September, 2019**

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
May, 2019	1st to 7th	00:00-24:00	25	4.20
	8th to 15th	00:00-24:00	200	38.40
	16th to 22nd	00:00-24:00	300	50.40
	23rd to 31 st	00:00-24:00	300	64.80
June, 2019	1st to 7th	00:00-24:00	350	58.80
	8th to 15th	00:00-24:00	350	67.20
	16th to 22nd	00:00-24:00	350	58.80
	23rd to 30th	00:00-24:00	350	67.20
July, 2019	1st to 7th	00:00-24:00	400	67.20
	8th to 15th	00:00-24:00	400	76.80
	16th to 22nd	00:00-24:00	425	71.40
	23rd to 31 st	00:00-24:00	425	91.80
August, 2019	1st to 7th	00:00-24:00	425	71.40
	8th to 15th	00:00-24:00	425	81.60
	16th to 22nd	00:00-24:00	400	67.20
	23rd to 31 st	00:00-24:00	400	86.40
Sept., 2019	1st to 7th	00:00-24:00	385	64.68
	8th to 15th	00:00-24:00	150	28.80
	16th to 22nd	00:00-24:00	210	35.28
	23rd to 30th	00:00-24:00	135	25.92
Total in MUs				1178.28

Table-2: Return of Power by Utility(s) / Trader(s) to HPSEBL during the period 1st November, 2019 to 31st March, 2020

Month	Period	Time Slots (Hours)	Quantum	
			MW	MUs
November, 2019	1st to 7th	00:00-24:00	115	19.32
	8th to 15th	00:00-24:00	205	39.36
	16th to 22nd	00:00-24:00	275	46.20
	23rd to 30th	00:00-24:00	295	56.64
December, 2019	1st to 7th	00:00-24:00	270	45.36
	8th to 15th	00:00-24:00	315	60.48
	16th to 22nd	00:00-24:00	360	60.48
	23rd to 31 st	00:00-24:00	410	88.56
January, 2020	1st to 7th	00:00-24:00	410	68.88
	8th to 15th	00:00-24:00	410	78.72
	16th to 22nd	00:00-24:00	435	73.08
	23rd to 31 st	00:00-24:00	435	93.96
February, 2020	1st to 7th	00:00-24:00	430	72.24
	8th to 15th	00:00-24:00	430	82.56
	16th to 22nd	00:00-24:00	315	52.92
	23rd to 29th	00:00-24:00	295	49.56
March, 2020	1st to 7th	00:00-24:00	315	52.92
	8th to 15th	00:00-24:00	315	60.48
	16th to 22nd	00:00-24:00	270	45.36
	23rd to 31 st	00:00-24:00	135	29.16
Total in MUs				1178.00*

Undertaking:

- Acceptance of entire quantum of Power as per schedule, time slots and the periods of Supply of Power as given under Table-1 above.
- Acceptance of entire quantum as per schedule, time slots and the periods of Return of Power as given under Table-2 above with premium of%.
- * Subject to change as per actual percentage return quoted by the bidder.

(Authorized Signatory)

BID NO.2 (RTC Vs DAY)**Table-3: Supply of Power to Utility(s) / Trader(s) on RTC basis during the period 1st May, 2019 to 15th September, 2019**

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
May, 2019	1st to 7th	00:00-24:00	25	4.20
	8th to 15th	00:00-24:00	100	19.20
	16th to 22nd	00:00-24:00	100	16.80
	23rd to 31 st	00:00-24:00	100	21.60
June, 2019	1st to 7th	00:00-24:00	150	25.20
	8th to 15th	00:00-24:00	150	28.80
	16th to 22nd	00:00-24:00	150	25.20
	23rd to 30th	00:00-24:00	150	28.80
July, 2019	1st to 7th	00:00-24:00	250	42.00
	8th to 15th	00:00-24:00	250	48.00
	16th to 22nd	00:00-24:00	250	42.00
	23rd to 31 st	00:00-24:00	250	54.00
August, 2019	1st to 7th	00:00-24:00	250	42.00
	8th to 15th	00:00-24:00	250	48.00
	16th to 22nd	00:00-24:00	250	42.00
	23rd to 31 st	00:00-24:00	250	54.00
Sept., 2019	1st to 7th	00:00-24:00	125	21.00
	8th to 15th	00:00-24:00	100	19.20
Total in MUs				582.00

Table-4: Return of Power by Utility(s) / Trader(s) to HPSEBL in Day Time during the period 8th Oct, 2019 to 31st March, 2020

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
October, 2019	8th to 15th	06:00-18:00	190	18.24
	16th to 22nd	06:00-18:00	290	24.36
	23rd to 31 st	06:00-18:00	435	46.98
November, 2019	1st to 7th	06:00-18:00	290	24.36
	8th to 15th	06:00-18:00	290	27.84
	16th to 22nd	06:00-18:00	290	24.36
December, 2019	23rd to 30th	06:00-18:00	290	27.84
	1st to 7th	06:00-18:00	290	24.36
	8th to 15th	06:00-18:00	265	25.44
January, 2020	16th to 22nd	06:00-18:00	265	22.26
	23rd to 31 st	06:00-18:00	245	26.46
	1st to 7th	06:00-18:00	195	16.38
February, 2020	8th to 15th	06:00-18:00	195	18.72
	16th to 22nd	06:00-18:00	245	20.58
	23rd to 29th	06:00-18:00	245	26.46
March, 2020	1st to 7th	06:00-18:00	315	26.48
	8th to 15th	06:00-18:00	315	30.26
	16th to 22nd	06:00-18:00	315	26.48
March, 2020	23rd to 31 st	06:00-18:00	315	26.48
	1st to 7th	06:00-18:00	290	24.36
	8th to 15th	06:00-18:00	290	27.84
March, 2020	16th to 22nd	06:00-18:00	240	20.16
	23rd to 31 st	06:00-18:00	240	25.92
	Total in MUs			

Undertaking:

- i) Acceptance of entire quantum of Power as per schedule, time slots and the periods of Supply of Power as given under Table-3 above.
- ii) Acceptance of entire quantum as per schedule, time slots and the periods of Return of Power as given under Table-4 above with premium of%.
- iii) * Subject to change as per actual percentage return quoted by the bidder.

(Authorized Signatory)

BID NO. 3 (NIGHT Vs NIGHT)**Table-5: Supply of Power to Utility(s) / Trader(s) in Night hours during the period 1st May, 2019 to 30th September, 2019**

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
May, 2019	1st to 7th	00:00-06:00 &	50	2.80
	8th to 15th		50	3.20
	16th to 22nd	22:00-24:00	50	2.80
	23rd to 31 st		50	3.60
June, 2019	1st to 7th	00:00-06:00 &	50	2.80
	8th to 15th		50	3.20
	16th to 22nd	22:00-24:00	50	2.80
	23rd to 30th		50	3.20
July, 2019	1st to 7th	00:00-06:00 &	100	5.60
	8th to 15th		100	6.40
	16th to 22nd	22:00-24:00	100	5.60
	23rd to 31 st		100	7.20
August, 2019	1st to 7th	00:00-06:00 &	100	5.60
	8th to 15th		100	6.40
	16th to 22nd	22:00-24:00	75	4.20
	23rd to 31 st		75	5.40
Sept., 2019	1st to 7th	00:00-06:00 &	50	2.80
	8th to 15th		50	3.20
	16th to 22nd	22:00-24:00	50	2.80
	23rd to 30th		50	3.20
Total in MUs				82.80

Table-6: Return of Power by Utility(s) / Trader(s) to HPSEBL in Night Time during the period 16th October, 2019 to 31st March, 2020

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
October, 2019	16th to 22nd	00:00-06:00 &	70	3.92
	23rd to 31 st		135	9.72
November, 2019	1st to 7th	00:00-06:00 &	135	7.56
	8th to 15th		90	5.76
	16th to 22nd	22:00-24:00	90	5.04
	23rd to 30th		135	8.64
December, 2019	1st to 7th	00:00-06:00 &	90	5.04
	8th to 15th		45	2.88
	16th to 22nd	22:00-24:00	45	2.52
	23rd to 31 st		45	3.24
February, 2020	1st to 7th	00:00-06:00 &	45	2.52
	8th to 15th		45	2.88
	16th to 22nd	22:00-24:00	70	3.92
	23rd to 29th		70	3.92
March, 2020	1st to 7th	00:00-06:00 &	90	5.04
	8th to 15th		45	2.88
	16th to 22nd	22:00-24:00	45	2.52
	23rd to 31 st		45	3.24
Total in MUs				82.00*

Undertaking:

- i) Acceptance of entire quantum of Power as per schedule, time slots and the periods of Supply of Power as given under Table-5 above.
- ii) Acceptance of entire quantum as per schedule, time slots and the periods of Return of Power as given under Table-6 above with premium of%.
- iii) * Subject to change as per actual percentage return quoted by the bidder

(Authorized Signatory)

BID NO. 4 (NIGHT Vs RTC)

Table-7: Supply of Power to Utility(s) / Trader(s) in Night hours during the period 1st May, 2019 to 30th September, 2019

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
May, 2019	1st to 7th	00:00-06:00 &	25	1.40
	8th to 15th		50	3.20
	16th to 22nd	22:00-24:00	50	2.80
	23rd to 31 st		125	9.00
June, 2019	1st to 7th	00:00-06:00 &	100	5.60
	8th to 15th		100	6.40
	16th to 22nd	22:00-24:00	125	7.00
	23rd to 30th		125	8.00
July, 2019	1st to 7th	00:00-06:00 &	100	5.60
	8th to 15th		100	6.40
	16th to 22nd	22:00-24:00	100	5.60
	23rd to 31 st		100	7.20
Sept., 2019	1st to 7th	00:00-06:00 &	150	8.40
	8th to 15th		150	9.60
	16th to 22nd	22:00-24:00	150	8.40
	23rd to 30th		150	9.60
Total in MUs			104.20	

Table-8: Return of Power by Utility(s) / Trader(s) to HPSEBL on RTC basis during the period 1st December, 2019 to 31st January, 2020

Month	Period	Time Slots (in Hours)	Quantum	
			in MW	in MUs
December, 2019	1st to 7th	00:00-24:00	75	12.60
	8th to 15th	00:00-24:00	75	14.40
	16th to 22nd	00:00-24:00	75	12.60
	23rd to 31 st	00:00-24:00	75	16.20
January, 2020	1st to 7th	00:00-24:00	75	12.60
	8th to 15th	00:00-24:00	75	14.40
	16th to 22nd	00:00-24:00	75	12.60
	23rd to 31 st	00:00-24:00	50	10.80
Total in MUs			104.00*	

Undertaking:

- i) Acceptance of entire quantum of Power as per schedule, time slots and the periods of Supply of Power as given under Table-7 above.
- ii) Acceptance of entire quantum as per schedule, time slots and the periods of Return of Power as given under Table-8 above with premium of%.
- iii) * Subject to change as per actual percentage return quoted by the bidder

(Authorized Signatory)

ANNEXURE-V**BID NO. 5 (NIGHT Vs RTC Supply by HPSEBL First)****Table-9: Supply of Power by Utility(s) / Trader(s) to HPSEBL on RTC basis during the period 1st to 15th April, 2019**

Month	Period	Time Slots	Quantum	
		(in Hours)	in MW	in MUs
April, 2019	1st to 7th	00:00-24:00	75	12.60
	8th to 15th	00:00-24:00	75	14.40
Total in MUs				27.00

Table-10: Return of Power by HPSEBL to Utility(s) / Trader(s) on RTC basis during the period 16th July, 2019 to 15th August, 2019

Month	Period	Time Slots	Quantum	
		(in Hours)	in MW	in MUs
July, 2019	16th to 22nd	00:00-24:00	35	5.88
	23rd to 31 st	00:00-24:00	35	7.56
August, 2019	1st to 7th	00:00-24:00	35	5.88
	8th to 15th	00:00-24:00	40	7.68
Total in MUs				27.00*

Undertaking:

- i) Acceptance of entire quantum of Power as per schedule, time slots and the periods of Supply of Power as given under Table-9 above.
- ii) Acceptance of entire quantum as per schedule, time slots and the periods of Return of Power as given under Table-10 above with premium of%.
- iii) * Subject to change as per actual percentage return quoted by the bidder

(Authorized Signatory)

