

Himachal Pradesh State Electricity Board Limited

"A State Government undertaking"

No:-HPSEBL/CE (Comm.)/APDRP-Billing/Connectivity/Vol.-1/2013-3277-81 Dated:-02/12/2013.
To

Director (IT),
Deptt. Of Information Technology,
STPI Building, SDA Commercial Complex,
Kasumpati, Shimla-9.

Subject: - Letter of award (LoA)-VPNoBB (512 Kbps) connectivity for implementation of ERP (Enterprise Resource Planning).

Sir,

With reference to subject captioned above, it is to intimate you that HPSEB Ltd. is pleased to award the work of VPNoBB (512 Kbps) connectivity for the implementation of ERP (Enterprise Resource Planning) in Himachal Pradesh State Electricity Board Limited. The annual unit rent charges/rates (exclusive of service tax) of BSNL through DIT, H.P. Govt. for the following offices shall be as under: -

Sr. No.	Offices	Quantity	Annual Charges per circuit	Amount (in Rs.)
1.	Store Offices	56	54000 (VPNoBB-512 Kbps)	3024000
2.	RE Offices	9	54000 (VPNoBB-512 Kbps)	486000
3.	M&T offices	5	54000 (VPNoBB-512 Kbps)	270000
4.	LDC offices	4	54000 (VPNoBB-512 Kbps)	216000
5.	Transmission Offices	14	54000 (VPNoBB-512 Kbps)	756000
6.	Generation Offices	9	54000 (VPNoBB-512 Kbps)	486000
7.	Substation Offices	3	54000 (VPNoBB-512 Kbps)	162000
8.	Miscellaneous offices	8	54000 (VPNoBB-512 Kbps)	432000
9.	Operation Offices	Chief Engineer offices (2)	54000 (VPNoBB-512 Kbps)	6588000
		Electrical Division offices (23)		
		Electrical Sub-division offices (97)		
		Total operation offices = 122		
Total amount				12420000

The detail of all aforesaid offices is attached as **annexure-'A'**.

- 1) **Contract Price:** - The total revised contract price for the work is **Rs. 1,24,20,000/- only** (One Crore Twenty Four Lakh Twenty Thousand only) excluding all taxes and duties,

o/c.

fright and insurance, service tax etc. which may vary as per actual numbers of VPNoBB connections.

- 2) **Payments:** - Initially, first time payments shall be made on submission of invoices(s) in triplicate to Chief Engineer (Commercial), HPSEB Ltd., Vidyut Bhawan, Shimla-4. Thereafter, annual charges shall be made on submission of bills to concerned offices of HPSEB Ltd. The amount for the first year will be charged to Comprehensive IT scheme of HPSEBL. Thereafter, subsequent annual charges paid by HPSEB Ltd. shall be charged to Contingency Head i.e. 76.111, of respective offices.
- 3) **Signing of Contract:** - Within 30 days after notification of this award/renewal, a contract shall be signed between Deptt. Of Information Technology and Chief Engineer (Commercial), HPSEB Ltd., Vidyut Bhawan, Shimla-4 shall sign contract agreement on behalf of HPSEB Ltd. the contract form is attached as annexure-'B'.
- 4) **General terms and conditions of contract shall be as under: -**
 - a) The VPNoBB connectivity shall be provided by DIT in phased manner at priority locations which are to be made live for ERP project. Readiness/dates shall be intimated by HPSEB Ltd.
 - b) The VPNoBB connectivity shall be provided to the offices/locations, within a period of 15 days.
 - c) Net unit rates per year for VPNoBB connectivity (i.e. Rs. 54,000/- only) are exclusive of service tax and with minimum two years of commitment. However, as already intimated by you, the rates of VPNoBB would be negotiated further with BSNL and benefit of same would be transferred to HPSEB Ltd.
 - d) Type of connectivity i.e. MPLS or VPNoBB and bandwidth may be changed as per requirement of HPSEB Ltd.
 - e) HPSEB Ltd. shall have the right to add/terminate or replace DIT, Himachal Pradesh/Bharat Sanchar Nigam Limited (BSNL) with another Network Service Provider.

5) **ARBITRATION & CONCILIATION ACT**

- a) If at any time, any question, dispute or difference, whatsoever, shall arise between the purchaser or the engineer and the supplier or company upon or in relation to or in connection with the contract, either party may forthwith give to



the other, notice in writing of the existence of such question, dispute or difference and the same shall be referable only to the sole Arbitration of Chairman, HPSEBL, Shimla-4 or his nominee against purchase orders/supplies made and shall be subject to the provision of "Indian Arbitration and Conciliation Act-1996" or any statutory modification or re-enactment thereof and the rules framed there-under and for the time being in force. The award of the Arbitrator shall be final and binding on both the parties of the contract.

- b) The objection that the arbitrator so appointed is a Government servant and that he had to deal with the matters to which the contract relates and that in the course of his duties as Government servant, he had expressed his views on all or any of the matters in dispute or difference, shall not be considered as a valid objection/bar to his acting as such in the arbitration proceedings, under this clause.
- c) Party invoking arbitration shall specify the dispute(s) to be referred to the arbitration under this clause together with the amounts(s) claimed in respect of each dispute. If work under the contract has not been completed when a dispute or any matter what-so-ever is referred to arbitration, the contractor shall not be entitled to suspend such work to which the dispute relates and payment to the contractor shall be continued to be made in terms of the contract.
- d) It is also a term of the contract that if the contractor(s) omit/neglect to prefer any claim(s) in writing within 90 (ninety) days of the date on which the dispute first arises during the execution of the work for which such dispute is sought to be raised or date of intimation of the preparation of the bill therefore, whichever is earlier, the claim of the contractor will be deemed to have been waived and absolutely barred and the HPSEBL shall be discharged and released of all the liabilities under the contract in respect of such claim(s). Likewise all dispute(s) referred to above shall be preferred as provided above within 90 (Ninety) days of execution of work(s) otherwise all claim(s) shall stand extinguished. Provided, in the event of the rejection of Contractor's claim (s) by the HPSEBL, the contractor shall within 30 days after receiving intimation in writing of such decision shall give notice in writing to the




HPSEBL requesting the dispute(s) may be referred for arbitration. In all cases referred for arbitration, the Arbitrator shall assign reasons under all circumstances on which the decision is based. The decision of the Arbitrator shall be conclusive, final and binding on the parties.

- e) Subject to the provisions of the contract to the contrary as aforesaid, the provisions of the 'Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to all arbitration proceedings under this clause".
- f) All disputes or differences shall be settled in accordance with the provisions of the Arbitration and conciliation Act, 1996, or any statutory modifications. The venue of Arbitration shall be Shimla, India. The courts of Shimla shall have exclusive jurisdiction.

You are requested to convey the acceptance of LoA at earliest, so that further necessary action could be initiated accordingly.


Yours faithfully,

DA: - Annexure-'A' & 'B'


Chief Engineer (Commercial),
HPSEB Ltd., Vidyut Bhawan,
Shimla-4

Copy forwarded to the following for information and necessary action please: -

1. The Executive Director (Personnel), HPSEB Ltd., Vidyut Bhawan, Shimla-4
2. The Chief Accounts Officer, HPSEB Ltd., Vidyut Bhawan, Shimla-4.
3. The Superintending Engineer, Operation Circle, HPSEB Ltd., Block No.-8, SDA Complex, Kasumpati, Shimla-9.
4. The General Manager (Development), O/o CGMT, HP telecom Circle (BSNL), SDA Complex, Kasumpati, Shimla-171009.


Chief Engineer (Commercial),
HPSEB Ltd., Vidyut Bhawan,
Shimla-4

Connectivity required for ERP locations

Sr. No.	Office	Type of Connectivity
A) Store Offices		
1	Chamba Elect. Sub-Division No. II Store	VPNoBB (512 Kbps)
2	Dalhousie Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
3	Elect. Division, HPSEB, Nurpur Store Sub-Division, Kandrori Store	VPNoBB (512 Kbps)
4	Elect. Division, HPSEB, Gagret Gagret Elect. Sub-Division Store	VPNoBB (512 Kbps)
5	Sunder Nagar Electrical Division Sunder Nagar (Elect.) Sub-DivisionStore	VPNoBB (512 Kbps)
6	Elect. Division, HPSEB, Karsog Katrain Elect. Sub-Division Store	VPNoBB (512 Kbps)
7	Elect. Division, HPSEB, Nadaun Nadaun Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
8	Elect. Division, HPSEB, Nalagarh Elect. Sub-Divn. No.II, Nalagarh.Store	VPNoBB (512 Kbps)
9	Elect. Division, HPSEB, Arki Elect. Sub-Divn. Arki.Store	VPNoBB (512 Kbps)
10	Elect. Division, HPSEB, Parwanu Elect. Sub-Divn. Parwanoo.Store	VPNoBB (512 Kbps)
11	Elect. Division HPSEB, Jubbal Jubbal Elect. Sub-Division Store	VPNoBB (512 Kbps)
12	Resident Engineer, Andhra Power House Divn. HPSEB, Chirgaon Elect Mtc. Sub-Divn. ChirgaonStore	VPNoBB (512 Kbps)
13	Resident Engineer, Bassi Power Mtc. Civil Sub-Divn. JogindernagarStore	VPNoBB (512 Kbps)
14	Gohar Elect. Division Gohar Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
15	Dharam-pur Elect. Division Store	VPNoBB (512 Kbps)
16	Sundernagar M&T Division. M&T Sub-Division SundnagarStore	VPNoBB (512 Kbps)
17	Solan M&T Division M&T Sub-Division Solan.Store	VPNoBB (512 Kbps)
18	Kangra M&T Division. Meter Testing Sub-Divn. BanikhetStore	VPNoBB (512 Kbps)
19	Elect. Divn, HPSEB, Kumarsain Kumarsain Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
20	AE(E)-1 Nahan Elect. Sub-Division No.II.Store	VPNoBB (512 Kbps)
21	Elect. Divn. HPSEB, Dehra Dehra Elect. Sub-Divn.Store	VPNoBB (512 Kbps)
22	Elect. Division, HPSEB, Kangra Kangra Elect. Sub-Divn. No.IStore	VPNoBB (512 Kbps)
23	Elect. Division, HPSEB, Baijnath Baijnath Elect. Sub-Divn.Store	VPNoBB (512 Kbps)
24	ES, Una 132 KV Sub-Stn. Sub-Divn. Una.Store	VPNoBB (512 Kbps)
25	Elect. Division Kullu. Kullu Elect. Sub-Division No.I Store	VPNoBB (512 Kbps)
26	Elect. Division, HPSEB, Hamirpur Elect. Sub-Divn. No.IStore	VPNoBB (512 Kbps)
27	Sr. XEN,Trans. Divn.P & M Sub-Division Jutogh.Store	VPNoBB (512 Kbps)
28	Asstt. Exeutive Eng. Yol Elect. Sub-Divn at Sidhbari Store	VPNoBB (512 Kbps)
29	ELEC DIV CHOPAL STORE	VPNoBB (512 Kbps)
30	Bijni Subdivision Store	VPNoBB (512 Kbps)
31	Sr. Executive Engineer, AE, PLCC, Sub-Divn. HPSEB, Sundernagar Store	VPNoBB (512 Kbps)
32	Elect. Division, HPSEB, Falampur Marinda Elect. Sub-Divn.Store	VPNoBB (512 Kbps)
33	Elect. Division, HPSEB, Lambogaon Alampur Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
34	Elect. Division, HPSEB, SahapurShahapur Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
35	Elect. Division, HPSEB, Pangi Valley (Killar) Killar Pangi Elect. Sub-Divn.Store	VPNoBB (512 Kbps)
36	Elect. Division, HPSEB, Jawali Jawali Elect. Sub-Division Store	VPNoBB (512 Kbps)
37	Elect. Division, HPSEB, Una Una Elect. Sub-Division No.II Store	VPNoBB (512 Kbps)
38	Elect. Division, HPSEB, Amb Amb Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
39	Resident Engineer, Giri Power House Divn. HPSEB, Girinagar. Mtc. Civil Sub-Divn. Girinagar.Store	VPNoBB (512 Kbps)
40	Resident Engineer, Binwa Power Elect Mtc. Sub-Divn. UltralaStore	VPNoBB (512 Kbps)
41	Resident Engineer, Bhaba Power House Divn. HPSEB, Bhabanagar Bhaba Elect Sub-Divn. No. I Katgaon.Store	VPNoBB (512 Kbps)
42	Resident Engineer, Ghanvi Power House Divn. HPSEB, Jeori.Power House (E) Sub-Divn. Nogli.Store	VPNoBB (512 Kbps)
43	Elect. Division, HPSEB, Sarkaghat Jogindernagar (E) Sub-Divn.No.-IISore	VPNoBB (512 Kbps)
44	Sarka-ghat Elect. Division Sarkaghat Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
45	Elect. Division, HPSEB, Bilaspur Bilaspur Elect. Sub-Divn. No.IISore	VPNoBB (512 Kbps)
46	Ghumarwin Elect. Divn. Ghumarwin Elect. Sub-Divn. No.IStore	VPNoBB (512 Kbps)
47	Karsog Elect. Division Karsog Elect. Sub-Division.Store	VPNoBB (512 Kbps)
48	Elect. Division, HPSEB, Kaylong Keylong Elect. Sub-Division.Store	VPNoBB (512 Kbps)
49	Elect. Division, HPSEB, Solan Solan Elect. Sub-Division No.III Store	VPNoBB (512 Kbps)
50	Elect. Division HPSEB, RampurRampur Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
51	Elect. Division HPSEB, Kaza Kaza Elect. Sub-Division Store	VPNoBB (512 Kbps)
52	Elect. Division .HPSEB, Anni Anni Elect. Sub-DivisionStore	VPNoBB (512 Kbps)
53	Sr. XEN, 400 KV Trans. 400 KV Sub-Stn. Sub-Divn. NalagarhStore	VPNoBB (512 Kbps)
54	Sr. XEN, 220/ 66 /22KV S/Stn. Divn 220/66 KV Sub-Stn. Mtc. Sub-Divn Kotla.Store	VPNoBB (512 Kbps)
55	Sr. XEN, Trans. Divn. Bijni(Mandi) 132 KV S/Stn. Sub-Division Bijni(Mandi)Store	VPNoBB (512 Kbps)
56	ES, Hamirpur P& M Sub-Division, Hamirpur.Store	VPNoBB (512 Kbps)
B) RE Offices		
57	Resident Engineer, Andhra Power House Divn. HPSEB, Chirgaon	VPNoBB (512 Kbps)
58	Resident Engineer, Gaj Power House Divn., HPSEB, Garoh	VPNoBB (512 Kbps)
59	Resident Engineer, Bassi Power,House Divn, HPSEB, Jogindernagar	VPNoBB (512 Kbps)
60	Resident Engineer, Lari Power House Division I, HPSEB, Thalout	VPNoBB (512 Kbps)
61	Resident Engineer, Giri Power House Divn. HPSEB, Girinagar.	VPNoBB (512 Kbps)
62	Resident Engineer, Binwa Power,House, Division Ultrala	VPNoBB (512 Kbps)
63	Resident Engineer, Baner Power House Divn. HPSEB, Jia	VPNoBB (512 Kbps)
64	Resident Engineer, Khauli Power House Divn. HPSEB, Sahapur	VPNoBB (512 Kbps)
65	Resident Engineer, Ghanvi Power House Divn. HPSEB, Jeori.	VPNoBB (512 Kbps)
C) M&T offices		
66	SUPERINTENDING ENGINEER, M&T CIRCLE, HPSEB, BILASPUR	VPNoBB (512 Kbps)
67	Elect.C Sr. XEN, Arbitration and Mtc. Division, HPSEB, Thalout	VPNoBB (512 Kbps)
68	Sundernagar M&T Division.	VPNoBB (512 Kbps)
69	Solan M&T Division	VPNoBB (512 Kbps)
70	Kanera M&T Division.	VPNoBB (512 Kbps)

D) LDC offices				
71	SLDC (POWER REGULATION, C.E.R.C.I INTER STATE & ALDC)		VPNoBB (512 Kbps)	
72	Sr. Executive Engineer, PLCC, Divin. HPSEB, Sundernagar		VPNoBB (512 Kbps)	
73	S. L. D. C, Kunihar.		VPNoBB (512 Kbps)	
74	S. L. D. C, Hamirpur		VPNoBB (512 Kbps)	
E) Transmission Offices				
75	SUPERINTENDING ENGINEER, (Transmission Design), HPSEB, HAMIRPUR.		VPNoBB (512 Kbps)	
76	SUPERINTENDING ENGINEER, TRANSMISSION CONST. & MTC. Non Accounting CIRCLE, HPSEB, SHIMLA-11		VPNoBB (512 Kbps)	
77	Sr. XEN, Trans. Divn. HPSEB, Shimla		VPNoBB (512 Kbps)	
78	Sr. XEN, Trans. Divn. HPSEB, Nahan		VPNoBB (512 Kbps)	
79	Sr. XEN, Trans. Divn. HPSEB, Solan.		VPNoBB (512 Kbps)	
80	Sr. XEN, Trans. Divn. Hamirpur.		VPNoBB (512 Kbps)	
81	Sr. XEN, Trans. Divn. Bijni (Mandi).		VPNoBB (512 Kbps)	
82	Sr. XEN, Trans. Divn. Bilaspur.		VPNoBB (512 Kbps)	
83	CHIEF ENGINEER (TRANS.) HPSEB, HAMIRPUR		VPNoBB (512 Kbps)	
84	TRANS. DIV UNA		VPNoBB (512 Kbps)	
85	Sr. XEN, 400 KV Trans. Const. Divin. HPSEB, Nalagarh		VPNoBB (512 Kbps)	
86	SUPERINTENDING ENGINEER, PROTECTION & TESTING CIRCLE, HPSEB, HAMIRPUR		VPNoBB (512 Kbps)	
87	Sr. Executive Engineer, Protection & Testing Division, HPSEB, Solan		VPNoBB (512 Kbps)	
88	Sr. Executive Engineer, Protection & Testing Division, HPSEB, Kangra		VPNoBB (512 Kbps)	
F) Generation Offices				
89	CHIEF ENGINEER (GEN.), HPSEB, SUNDERNAGAR		VPNoBB (512 Kbps)	
90	SUPERINTENDING ENGINEER, POWER HOUSE (ELECT.), HPSEB, SUNDERNAGAR		VPNoBB (512 Kbps)	
91	SUPERINTENDING ENGINEER (GEN.) CIRCLE, HPSEB, BHABANAGAR		VPNoBB (512 Kbps)	
92	SUPERINTENDING ENGINEER, BHABA CONST. CIRCLE HPSEB		VPNoBB (512 Kbps)	
93	SUPERINTENDING ENGINEER, GEN. CIRCLE, HPSEB, SARABAI		VPNoBB (512 Kbps)	
94	SUPERINTENDING ENGINEER (GEN.) CIRCLE, HPSEB, NAHAN		VPNoBB (512 Kbps)	
95	SUPERINTENDING ENGINEER, GEN. CIRCLE, HPSEB, PALAMPUR		VPNoBB (512 Kbps)	
96	SUPERINTENDING ENGINEER, (ELECT.), UHL STAGE-III, HPSEB, SUNDERNAGAR		VPNoBB (512 Kbps)	
97	MANAGING DIRECTOR, BEAS VALLEY POWER CORPORATION, JOGINDER NAGAR (MANDI		VPNoBB (512 Kbps)	
G) Substation Offices				
98	Sr. XEN, 220/132/33KV Grid Sub-Stn. Divn. Kunihar		VPNoBB (512 Kbps)	
99	Sr. XEN, 220/ 66 / 22KV S/Stn. Divn Kotla (Jeori)		VPNoBB (512 Kbps)	
100	Sr. XEN, 220KV Sub-Stn. Divn Jassore.		VPNoBB (512 Kbps)	
H) Miscellaneous offices				
101	CHIEF ENGINEER (I & P) HPSEB, SUNDERNAGAR		VPNoBB (512 Kbps)	
102	Hydel Invest. Divn. HPSEB, Chamba		VPNoBB (512 Kbps)	
103	PLANNING CIRCLE NO. I, HPSEB, SUNDERNAGAR		VPNoBB (512 Kbps)	
104	SUPERINTENDING ENGINEER, Rajiv Gandhi Garamin Viduyutikaran Yojana Cell),		VPNoBB (512 Kbps)	
105	Elect. Division, HPSEB, Pangri Valley (Killar)		VPNoBB (512 Kbps)	
106	Sr. Executive Engineer, Ghanvi Const. Divn. No. 1, HPSEB, Jeori		VPNoBB (512 Kbps)	
107	Thirot Const. Divn., HPSEB, Pandoh (Re-named LCD-III, Pandoh)		VPNoBB (512 Kbps)	
108	SUPERINTENDING ENGINEER, SURVEY & INVEST. CIRCLE NO. II, HPSEB, CHAMBA		VPNoBB (512 Kbps)	
I) Operation Offices				
109	CHIEF ENGINEER (OP) CZ, HPSEB, MANDI		VPNoBB (512 Kbps)	
110	CHIEF ENGINEER (OP) NORTH, HPSEB, DHARAMSALA		VPNoBB (512 Kbps)	
Sr. No.	Operation Circle	Electrical Division office	Electrical Sub-division office	Type of Connect.
111	Kangra	ED Baijnath	ESD, Baijnath	VPNoBB (512 Kbps)
112			ESD, Paprola	VPNoBB (512 Kbps)
113			ESD Kudial	VPNoBB (512 Kbps)
114			ESD Panchrukhi	VPNoBB (512 Kbps)
115			ESD Chadiyhar	VPNoBB (512 Kbps)
116			ESD Jaisinghpur	VPNoBB (512 Kbps)
117		ED Lambagaon	ESD, Alampur	VPNoBB (512 Kbps)
118			ESD Thural	VPNoBB (512 Kbps)
119			ESD Dehra	VPNoBB (512 Kbps)
120			ESD Paragpur	VPNoBB (512 Kbps)
121			ESD Sansarpur Tarris	VPNoBB (512 Kbps)
122			ESD Daliyara	VPNoBB (512 Kbps)
123	ED Dehra	ESD Haripur	VPNoBB (512 Kbps)	
124		ESD Dadasiwa	VPNoBB (512 Kbps)	
125		ESD Shantla	VPNoBB (512 Kbps)	
126		ESD Shahpur	VPNoBB (512 Kbps)	
127		ESD, Rait	VPNoBB (512 Kbps)	
128		ESD, Charri	VPNoBB (512 Kbps)	
129	ED Shahpur	ESD, Lapiana	VPNoBB (512 Kbps)	
130		ESD Jawali	VPNoBB (512 Kbps)	
131		ESD Rehan	VPNoBB (512 Kbps)	
132		ESD Rai	VPNoBB (512 Kbps)	
133		ESD, Gangath	VPNoBB (512 Kbps)	
134		ESD Fatehpur	VPNoBB (512 Kbps)	
135	ED Jawali	ESD Killar	VPNoBB (512 Kbps)	
136		ESD Sach	VPNoBB (512 Kbps)	
137		33 KV Tissa	VPNoBB (512 Kbps)	
138		ESD Nurpur	VPNoBB (512 Kbps)	
139		ESD, Indora	VPNoBB (512 Kbps)	
140		ESD, Kotla	VPNoBB (512 Kbps)	
141	ED Nurpur	ESD, Damtal	VPNoBB (512 Kbps)	
142		ESD Kandorai (Store)	VPNoBB (512 Kbps)	
143		ESD, Ganoh	VPNoBB (512 Kbps)	
144		ESD, Sunani	VPNoBB (512 Kbps)	
145		ESD Amb	VPNoBB (512 Kbps)	
146		ESD Bharwai	VPNoBB (512 Kbps)	
147	Una	ASE (E), Amb	ESD Nehrain	VPNoBB (512 Kbps)
148			ESD, ChowkiMinar	VPNoBB (512 Kbps)

149			ESD, Dharampur	VPNoBB (512 Kbps)
150		ED Dharampur	ESD Tihra	VPNoBB (512 Kbps)
151			ESD Sandhol	VPNoBB (512 Kbps)
152			ESD Sarkaghat	VPNoBB (512 Kbps)
153		ED Sarkaghat	ESD Bhambla	VPNoBB (512 Kbps)
154			ESD Badarwar	VPNoBB (512 Kbps)
155			ESD Baldwara	VPNoBB (512 Kbps)
156			ESD, Gohar	VPNoBB (512 Kbps)
157		ED Gohar	ESD, Janjali	VPNoBB (512 Kbps)
158			ESD, Pandoh	VPNoBB (512 Kbps)
159			ESD, Baggi	VPNoBB (512 Kbps)
160		ED Bilaspur	ESD, Kot	VPNoBB (512 Kbps)
161			ESD NO.1, Ghumarwin	VPNoBB (512 Kbps)
162			ESD No.II, Ghumarwin	VPNoBB (512 Kbps)
163		ED Ghumarwin	ESD, Bharari	VPNoBB (512 Kbps)
164			ESD, Berthin	VPNoBB (512 Kbps)
165			ESD, Talai	VPNoBB (512 Kbps)
166			ESD, Jandhuta	VPNoBB (512 Kbps)
167			ESD, Kandrouer	VPNoBB (512 Kbps)
168			ESD Karsog	VPNoBB (512 Kbps)
169		ED Karsog	ESD, Churag	VPNoBB (512 Kbps)
170			ESD, Chattari	VPNoBB (512 Kbps)
171			ESD, Pagna	VPNoBB (512 Kbps)
172			ESD Nerri	VPNoBB (512 Kbps)
173			ESD, Seri	VPNoBB (512 Kbps)
174		ED Keylong	ESD, Keylong	VPNoBB (512 Kbps)
175			ESD, UdaiPur	VPNoBB (512 Kbps)
176			ECSD Karga	VPNoBB (512 Kbps)
177		ED Barsar	ESD, Barsar	VPNoBB (512 Kbps)
178			ESD Galore	VPNoBB (512 Kbps)
179			ESD Bhareri	VPNoBB (512 Kbps)
180			ESD Bhoranaj	VPNoBB (512 Kbps)
181			ESD Bijhar	VPNoBB (512 Kbps)
182			ESD Bhotta	VPNoBB (512 Kbps)
183		ED Solan	ESD-II Solan	VPNoBB (512 Kbps)
184			ESD Kandaghat	VPNoBB (512 Kbps)
185		ED Arki	ESD Arki	VPNoBB (512 Kbps)
186			ESD, Darla	VPNoBB (512 Kbps)
187			ESD, Bhumti	VPNoBB (512 Kbps)
188			ESD, Kunihar	VPNoBB (512 Kbps)
189		ED Rajgarh	ESD, Rajgarh	VPNoBB (512 Kbps)
190			ESD, Sarahan	VPNoBB (512 Kbps)
191			ESD, Narag	VPNoBB (512 Kbps)
192			ESD, Charana	VPNoBB (512 Kbps)
193			ESD, Panog	VPNoBB (512 Kbps)
194		ED Anni	ESD, Anni	VPNoBB (512 Kbps)
195			ESD, Nithar	VPNoBB (512 Kbps)
196			ESD, Nirmand	VPNoBB (512 Kbps)
197			ESD, Jagathkhana	VPNoBB (512 Kbps)
198		ED R/Peo	ESD, R/Peo	VPNoBB (512 Kbps)
199			ESD, Tapri	VPNoBB (512 Kbps)
200			ESD, Bhaha Nager	VPNoBB (512 Kbps)
201			ESD, Pooh	VPNoBB (512 Kbps)
202			ESD, Sangla	VPNoBB (512 Kbps)
203		ED Kaza	ESD Kaza	VPNoBB (512 Kbps)
204			ESD, Tabo	VPNoBB (512 Kbps)
205		ED Chopal	ESD, Chopal	VPNoBB (512 Kbps)
206			ESD, Nerwa	VPNoBB (512 Kbps)
207			ESD, Kupvi	VPNoBB (512 Kbps)

Total number of required circuits

Sr. No.	Offices	Quantity	Annual Charges per circuit	Amount
A)	Store Offices	56	54000	3024000
B)	RE Offices	9	54000	486000
C)	M&T offices	5	54000	270000
D)	LDC offices	4	54000	216000
E)	Transmission Offices	14	54000	756000
F)	Generation Offices	9	54000	486000
G)	Substation Offices	3	54000	162000
H)	Miscellaneous offices	8	54000	432000
I)	Operation Offices	Chief Engineer offices (2)		
		Electrical Division offices (23)		
		Electrical Sub-division offices (97)	54000	6588000
		Total operation offices = 122		
Total amount				12420000