



HARYANA VIDYUT PRASARAN NIGAM LTD.
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To The Chief Engineer (PD&C),
DHBVNL, Hisar.

Memo No. R-1228/Ch-96/ HSS-326

Dated: 24.10.2013.

Subject: Creation / augmentation of transmission infrastructure at HVPNL end to facilitate the feeding of 33 kV substations identified to be augmented and /or created by DHBVNL for the financial year 2013-14, 2014-15, 2015-16 and 2016-17 in respect of Fatehabad District.

Subsequent to joint exercise of officers from Operation & planning wing of DHBVNL and TS & planning wing of HVPNL carried out to identify the locations where augmentation and creation of 33 kV substations and corresponding infrastructure at HVPNL end is required, the following proposals were finalized and placed before WTDs HVPNL. The WTDs HVPNL accorded the approval on following works as under:

S No.	Description	Code
1.	Augmentation of 132 kV substation Aherwan from 2x20/25 MVA 132/33 + 1x10/16 MVA 132/11 kV to 1x20/25 MVA 132/33 + 1x40/50 MVA 132/33 kV + 1x10/16 MVA 132/11 kV transformers in FY 2013-14.	1A2295*
2.	Allocation of one 33 kV bay at 220 kV substation Samain to feed 33 kV substation Pirthala (20 MVA) to be shifted from 132 kV substation Uklana through construction of link line by DHBVNL during 2013-14	
3.	Augmentation of 132 kV substation Bhattu Kalan from 2x10/16 MVA 132/11 kV to 1x20/25 MVA 132/33 kV + 2x10/16 MVA 132/11 kV transformers by creating new 33 kV level to feed 33 kV substation Bangaon (10 MVA) by DHBVNL in FY 2014-15 and 33 kV substation Dhaba Kalan (10 MVA) which is proposed to be shifted from 132 kV substation Fatehabad by DHBVNL in FY 2014-15. Note: 20/25 MVA 132/33 kV or 16/20 MVA 132/33 kV transformer spared in the system may be utilized at 132kV substation Bhattu Kalan	1A2296*

4.	Creation of 2 no. 33 kV bays at 132 kV substation Bhattu Kalan for feeding 33 kV substation Dhahi Kalan (10 MVA) and Bangaon (10 MVA) in FY 2014-15	3B2297*
5.	Augmentation of 132 kV substation Uklana from 10/16 MVA 132/33 kV + (1x10/16 + 1x16/20) MVA 132/11 kV to 20/25 MVA 132/33 kV + (1x10/16 + 1x16/20) MVA 132/11 kV transformers in FY 2014-15. Note: 20/25 MVA 132/33 kV transformer spared in the system may be utilized at 132kV substation Uklana	1A2298*
6.	Allocation of one 33 kV bay at 220 kV substation Samain to feed 33 kV substation Jamalpur Sekhon (18 MVA) to be shifted from 132 kV substation Tohana through construction of link line by DHBVNL during FY 2014-15	
7.	Allocation of one 33 kV bay at 220 kV substation Samain to feed 33 kV substation Lochab (14.3 MVA) to be shifted from 132 kV substation Dablain through construction of link line by DHBVNL during 2014-15	
8.	Creation of LILO of 132 kV Narwana - Tohana S/C line at 220 kV substation Samain in FY 2014-15	1L2299*
9.	Creation of 2 No. 132 kV line bays at 220 kV substation Samain to accommodate LILO of 132 kV Narwana - Tohana S/C line at 220 kV substation Samain in FY 2014-15	1B2300*
10.	Allocation of one 33 kV bay being created at 220 kV substation Hukmawali for feeding new 33 kV substation Ratta Khera (10 MVA) to be created by DHBVNL during 2016-17.	
11.	To include works mentioned at Sr. No. 1, 3, 4, 5, 8 and 9 in the list of works as mentioned against each after financial tie up and HERC approval.	

This issues with the approval of WTDs HVPNL on NP-48 of file no. HSS-326.

J. 27/11/11
Chief Engineer/Planning,
HVPNL, Panchkula.

Copy to:

1. The Chief Engineer/ Op, DHBVNL, Hisar.
2. The Chief Engineer/ MM, HVPNL, Panchkula.
3. The Chief Engineer/ TS, HVPNL, Hisar.
4. The Superintending Engineer/ TS, HVPNL, Hisar.



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To

Chief Engineer/ PD&C,
DHBVNL, Hisar.

DGM/

DGM/D-I

DGM/D-II

DGM/L-III

14/189

Memo. No. R-1359/Ch-11/HAP-86

Dated: 1-9-2015

Subject : Proposal for providing Power supply to 132 kV Railway Traction Substation at Jakhal by construction of 2 phase 132 kV S/C line on D/C Khurd to 132 kV TSS Jakhal for electrification work of North Western Railway.

This is with reference to the proposal sent vide your office Memo no. Ch-2/P&D-9047 dated 06.07.2015 for providing power supply at 132kV Railway Traction S/Stn., Jakhal for electrification work of North Western Railway.

The proposal has been considered and decided by WTDs of HVPNL as under:

S. No.	Description	Code
1.	Creation of 132 kV TSS at Jakhal by Railway to feed their load of 10 MVA on 2 phase (virtual load of 17.3MVA i.e. Capacity blockage of power transformer) at 132 kV pressure. The substation shall be constructed as per HVPNL technical specification under the supervision of HVPNL as per the guidelines issued vide Deputy Secretary/Op., HVPNL, Panchkula office memo no. Ch-17/DSO-214/L-154/L-2 dated 25.04.2012.	-
2.	Creation of 132 kV Two phase S/C line on D/C towers from 132 kV substation Chander Khurd to 132 kV TSS Jakhal with 0.2 sq" ACSR conductor size (approx. 18 to 20 Kms) required to be constructed by HVPNL as a deposit work of the Railway.	1D2800*
3.	Creation of additional 01 no. 132 kV line bay at 132 kV substation Chander Khurd for proposed 132 kV 2-phase S/C line on D/C towers by HVPNL as a deposit work of the Railway.	1D2801*
4.	The Railway shall enter into a tripartite agreement with HVPNL & DHBVNL for construction of TSS by them & deposit all applicable supervision/deposit cost charges, etc. before commencement of work.	-
5.	The work of required metering equipment along with CTs of matching capacity as per sanctioned load/contract demand will also be carried out by HVPNL at sending end and by the Railway at receiving end in line with the specification & design requirement of DHBVNL & HVPNL as a deposit work of Railway.	1D2802*
6.	The Railway shall deposit the requisite share cost corresponding to virtual ultimate load of 17.3 MVA in the first instance before commencement of the work. The applicable charges will be as per instructions issued vide Deputy Secretary/Op., HVPNL, Panchkula office Memo No. Ch-99/DSO-434/Vol.-III/CE TS-570/L dated 28.11.2014 or any further amendment. Further, Railway shall submit an undertaking to the effect that they shall deposit the difference (if any) in respect of the share cost or any other applicable supervision/deposit cost charges, etc. mentioned above till the completion of their work and undertaking regarding future	-

P.T.O.

5	consequences if any arise, being taking single source supply from HVPNL on Two phase. The Railway shall apply the load in the office of SDO/OP, DHBVNL, Jakhal under Op./Division Tohana and shall submit an undertaking that they will abide by all instructions of DHBVNL & HVPNL on the subject matter.	
7	Inclusion of the works at Sr.No. 2, 3 & 5 above in the list of Works of HVPNL for FY 2015-16.	

This issues with the approval of WTDs HVPNL on NP-05 of file no HAP-86

Chief Engineer/ Planning,
HVPNL, Panchkula

Copy to:

1. The Chief Engineer/ Op, DHBVNL, Hisar.
2. The Chief Engineer/ MM, HVPNL, Panchkula.
3. The Chief Engineer/ TS, HVPNL, Hisar.
4. The Superintending Engineer/ TS, HVPNL, Hisar.
5. The Superintending Engineer/ MM I, HVPNL, Panchkula
6. The Superintending Engineer/ MM II, HVPNL, Panchkula
7. The Superintending Engineer/ Design, HVPNL, Panchkula.
8. The Superintending Engineer / Civil Design, HVPNL, Panchkula.
9. The Superintending Engineer/ Planning, HVPNL, Panchkula.
10. The Superintending Engineer/ NCR Planning, HVPNL, Gurgaon.
11. The Superintending Engineer/ Op. DHBVNL, Hisar.
12. The Superintending Engineer (P&D), DHBVNL, Hisar.
13. Deputy Secretary/Projects, HVPNL, Panchkula.
14. Executive Engineer (TS), HVPNL, Hisar.
15. S.P.S. to MD, DHBVNL, Hisar for information of worthy Managing Director, DHBVNL please.
16. S.P.S. to MD, HVPNL, Panchkula for information of worthy Managing Director, HVPNL please.
17. P.S. to Director (Op), DHBVNL, Hisar for information of Director (Op.).
18. P.S. to Director/ Proj., DHBVNL, Hisar for information of Director/ Projects.
19. P.S. to Director/Tech., HVPNL, Panchkula for information of Director/Tech.
20. Under Secy. (Meeting section), HVPNL, Panchkula
21. List of works of HVPNL
22. Files for 220 kV substation Samain, 132 kV substations Chander Khurd.

Encls. No. Ch-4/PE&D-9847

Dated :- 21/10/2015.

copy of the above is forwarded to the following for information and further necessary action.

1. The C.E(OP) DHBVN, Hisar.
2. The C.E/ commercial, DHBVN, Hisar.
3. The C.E./ T.S., HVPN, Hisar.
4. The S.E. (OP) wick, DHBVN, Hisar.
5. The S.E./ T.S., HVPN, Hisar.

S.E./ P&D
DHBVN, Hisar