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Technical Aspect

Construction of 220/132 kV GSS at Garhwa is essential as at present there is no grid in Palamau district as well as in Garhwa district at 220 kV level. After construction of 220 kV level grid in this region JUSNL is able to transmit power at 220 kV level from Hatia to this region which is yet isolated from generating station of Jharkhand and totally depends on other states i.e. Bihar and Uttar Pradesh. Solar energy generating station are also going to setup in this region, hence JUSNL also be able to evacuate more power at 220 kV level in compare to 132 kV level.

At present 220/132/33 kV GSS Itkhori is being constructed which is about 25 KM from Chatra town. Hence JUSNL also planned to construct 132/33 kV GSS at Chatra with associated transmission line 132 kV D/C 3 phase Itkhori -- Chatra is essential to provide stable power adjacent area of Chatra which is at present totally depends on DVC.

5. **Fund:** Fund for the above projects will be made available from State Plan for which requisition will be made to Energy Deptt., Govt. of Jharkhand.

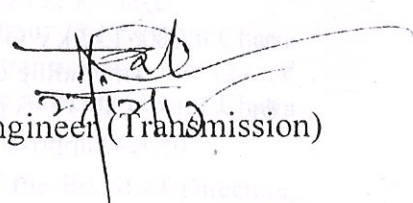
Points of Decision

Administrative approval of the Board of Directors, JUSNL is solicited for construction of following projects:

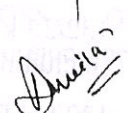
- A) 220/132 kV GSS at Garhwa with associated transmission line: Rs. 98.00 Crores
B) 132/33 kV GSS at Chatra with associated transmission line: Rs. 70.00 Crores

Grand Total Rs. 168.00 Crores

(Rupees One Hundred Sixty Eight Crore) only.


Chief Engineer (Transmission)

File No. C.E. (Trans.)/ 1468/ 2015-16


Company Secretary



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JHARKHAND URJA SANCHARAN NIGAM LIMITED

(CIN No. – U40108JH2013SGC001704)

Regd. Office – Engineering Building, H.E.C., Dhurwa, Ranchi – 834 004

Agenda Item No. 15.04.06./2015-16

Sub: Administrative approval for construction of new Grid Sub-Station and Transmission Lines under Jharkhand State.

1. JUSNL has envisaged and prepared a comprehensive programme in respect of development of transmission network. This has been conceptualized keeping an eye to supply of firm and stable power to meet the rapid growth of power demand in Jharkhand State (to meet power demand under RGGVY & incoming industries). Accordingly it has been planned to take up the construction of new grid sub-stations and associated transmission lines under 24x7 Power For All to cope up with the power demand of various areas under Jharkhand State.
2. With the coming of a number of Generation project and Rural Electrification schemes (RGGVY) as well as ever increasing demand of reliable and uninterrupted power supply to every corner of Jharkhand State.
3. A decision has been taken by the Govt. of India that all villages of the state are to be electrified by the end of the year 2019. This has also stressed on need of construction of Grid Sub-Station and transmission lines to cater power to these sub-station efficiently and with reliability.
4. Pursuant to the above, construction of undernoted Grid Sub-Station and transmission lines has been felt essential:

		(Amount in Rs.)
		<u>Tentative Project Cost</u>
A)		
a)	220/ 132 kV G/S/S at Garhwa (including cost of land & Civil work)	95.00 Crores
b)	132 kV D/C 3 phase Garhwa – Garhwa (132 kV) trans. line. 05 KM approx.	<u>3.00 Crores</u> 98.00 Crores
B) a)	132/33 kV Grid Sub-Station at Chatra (including cost of land & Civil work)	55.00 Crores
b)	132 kV D/C, 3 phase Itkhori – Chatra transmission line (25 KM)	<u>15.00 Crores</u> 70.00 Crores
Grand Total (A+B)		<u>168.00 Crores</u>

Note: Cost of transmission line includes ROW, Forest Clearance, Railway Clearance and

Electrical Executive Engineer
Transmission Division
Jharkhand



झारखण्ड ऊर्जा संचरण निगम लिमिटेड
JHARKHAND URJA SANCHARAN NIGAM LIMITED
(CIN: U40108JH2013SGC001704)

Regd. Office: - Engineering Building, H.E.C., Dhurwa, Ranchi-834004
Telephone: - 0651-2400804 & Fax: 0651-2400123

EXTRACT OF MINUTES FOR THE FIFTEENTH MEETING OF THE BOARD OF DIRECTORS OF JHARKHAND URJA SANCHARAN NIGAM LIMITED HELD ON MONDAY, 28TH DAY OF DECEMBER, 2015 AT 03:30 P.M. AND CONCLUDED AT 04:00 P.M. IN THE CHAMBER OF PRINCIPAL SECRETARY, DEPARTMENT OF FINANCE, GoJ, PROJECT BUILDING, DHURWA, RANCHI - 4.

ITEM NO. 15-04: Any other item with the permission of the Chairman.

ITEM NO. 15-04-06: Administrative approval for construction of new Grid Sub-Station and Transmission Lines under Jharkhand State.

It was informed to the Board that the decision has been taken by the Govt. of India that all villages of the state are to be electrified by the end of the year 2019. This has also stressed on need of construction of Grid Sub-Station and transmission lines to cater power to these sub-station efficiently and with reliability. Pursuant to the above, construction of undernoted Grid Sub-Station and transmission lines has been felt essential:

Sl. No	Particulars	Tentative Project Cost (Amount in Rs.)
A)	a) 220/ 132 kV G/S/S at Garhwa (including cost of land & Civil work)	95.00 Crores
	b) 132 kV D/C 3 phase Garhwa – Garhwa (132 kV) trans. line. 05 KM approx.	3.00 Crores
		98.00 Crores
B)	a) 132/33 kV Grid Sub-Station at Chatra (including cost of land & Civil work)	55.00 Crores
	b) 132 kV D/C, 3 phase Itkhori – Chatra transmission line (25 KM)	15.00 Crores
		70.00 Crores
	Grand Total (A+B)	168.00 Crores

It was further informed to the Board that Construction of 220/132 kV GSS at Garhwa is essential as at present there is no grid in Palamau district as well as in Garhwa district at 220 kV level, after which JUSNL will be able to transmit power at 220 kV level from Hatia to this region and Solar energy generating station are also going to setup in this region, hence JUSNL will also be able to evacuate more power at 220 kV level as compared to 132 kV level.

At present 220/132/33 kV GSS Itkhori is being constructed which is about 25 KM from Chatra town. Hence construction of 132/33 kV GSS at Chatra with associated transmission line 132 kV D/C 3 phase Itkhori – Chatra is essential to provide stable power to the adjacent area of Chatra which is at present totally depends on DVC.

It was further informed to the Board that administrative approval of the Board of Directors, JUSNL is solicited for construction of the projects of 220/132 kV GSS at Garhwa with associated transmission line and 132/33 kV Chatra with associated transmission line.

The Board of Directors discussed the matter and approved the proposal.

Date: 08.01.2016
Place: Ranchi

For Jharkhand Urja Sancharan Nigam Limited

Ankita Agarwal
Ankita Agarwal
(Company Secretary)