

Details of Existing Equipment

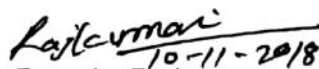
Name of Circle:		Transmission circle, Darbhanga				
Name of GSS:		132/33 KV GSS BENIPATTI				
Sl. No.	Description of bay	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
1	132 KV Line bay	MADHUBANI	Line control & relay panel with Distance protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			1 Ph CVT	03 Nos.	CGL	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
2	132 KV Line bay	JAINAGAR	Line control & relay panel with Distance protection & O/C E/F protection	01 No.	SEL	12-06-2017
			3 Phase Circuit Breaker	01 No.	SIEMENS	
			1 Ph CVT	03 Nos.	ALSTOM	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
3	132 KV Line bay	PUPARI (SURSAND)	Line control & relay panel with Distance protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			1 Ph CVT	03 Nos.	CGL	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
4	132/33 KV Transformer bay(HV)	20 MVA Transformer No.-1 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
5	132/33 KV Transformer bay(HV)	20 MVA Transformer No.-2 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
6	132/33 KV Transformer bay(LV)	20 MVA Transformer No.-1 (LV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
7	132/33 KV Transformer bay(LV)	20 MVA Transformer No.-2 (LV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	


 Assistant Executive Engineer
 Transmission Sub-division Benipatti

Details of Existing Equipment

Name of Circle: Transmission circle, Darbhanga

Name of GSS: 132/33 KV GSS BENIPATTI						
Sl. No.	Description of bay	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
8	132 KV Buscoupler bay	Buscoupler bay	Line control & relay panel with Distance protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	ABB	
			1 Ph PT	03 Nos.	SCT	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
9	33 KV Feeder	BENIPATTI	Line control & relay panel with O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	SCHNEIDER	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
10	33 KV Feeder	AHILYASTHAN	Line control & relay panel with O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	SCHNEIDER	
			LA	03 Nos.	LAMCO	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
11	33 KV Feeder	SPARE-1	Line control & relay panel with O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	SCHNEIDER	
			LA (All 03 Nos. LA of this Spare bay has been utilised for replacement of defective LA in 33 KV Ahilyasthan feeder)	NIL		
			1-Ph Current Transformer (One no. CT of this spare bay has been utilised for replacement of defective CT in 33 KV Ahilyasthan feeder)	02 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
12	33 KV Feeder	SPARE-2	Line control & relay panel with O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	SCHNEIDER	
			LA (All 03 Nos. LA of this Spare bay has been utilised for replacement of defective LA in 33 KV Ahilyasthan feeder)	NIL		
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	
13	33 KV Buscoupler	Buscoupler bay	Line control & relay panel with Distance protection & O/C E/F protection	01 No.	SEL	16-08-2016
			3 Phase Circuit Breaker	01 No.	SCHNEIDER	
			1 Ph PT	03 Nos.	SCT	
			1-Ph Current Transformer	03 Nos.	SCT	
			3 Phase Isolator with/without Earth switch	03 Sets	FARADAY	

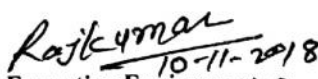

 10-11-2018
 Assistant Executive Engineer (T/C)
 Transmission Sub-division Benipatti

Details of Existing Equipment

Name of Circle:	Transmission circle, Darbhanga
Name of GSS:	132/33 KV GSS BENIPATTI

Other Substation Equipments -

Sl. No.	Description of equipment		Quantity	Make	Date of Commissioning
14	Battery Charger	1	01 No.	Chloride Power system	16-08-2016
		2 (Shifted to GSS Madhubani)			
15	ACDB		2 Nos.	ASPL	One no. commisioned on dt. 16-08-2016 andd another one no. lying idle
16	DCDB(110V/48V)		2 Nos.	ASPL	One no. commisioned on dt. 16-08-2016 andd another one no. lying idle
17	Battery bank	1	1 Set	EXIDE	16-08-2016
		2	1 Set	EXIDE	16-08-2016
18	DG set		1 No.	KIRLOSKAR	26-07-2016
19	PLCC Equipment	1.Isolator			
		2. Battery Charger	2 Nos.	Chloride Power system	One no. commisioned on dt. 16-08-2016 andd another one no. lying idle
		3. Panel	4 Nos.	CGL	One no. commissioned on dt. 05-11-2017.
		4.telephone			
20	Hydrant system with Pipe arrangement		N/A		
21	Fire Fighting Equipment		4		
22	Earthing Rods		6		
23	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)		01 Set		
24	Testing Equipments	Distance to line fault locator	1 Set	TAURUS	
		Digital Megger	1 No.	MOTWANI	
25	Safety Gear(Helmet,Gloves,Boot, etc.)				
26	SST	1	01 No.	TBEA	16-08-2016
		2 (To be commissioned)	01 No.	MARSONS	
27	Spare Hardware Fitting.		N/A.		


 Assistant Executive Engineer (1/c)
 Transmission Sub-division Benipatti

Sample format for GSS land assets

GSS: - 132/33 KV GSS BENIPATTI

Sl. No.	LOCATION	
01	Name of GSS	132/33 KV GSS BENIPATTI
02	Located at (Name of Locality)	Village- Bankatta
03	Block/Parkhand	Benipatti
04	Police Station	Benipatti
05	Sub-division	Benipatti
06	District	Madhubani
07	Transmission division	Transmission division Darbhanga
08	Transmission Circle	Transmission circle, Darbhanga
09	GPS Co-ordinate	Latitude- 26.4218566 Longitude- 85.8734147
	LAND DETAILS	
10	Initial Area (in Acre)	6.43 Acre
11	Whether it was :	
	(i) A Govt. Land (State type GM or)	Govt. Land
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	--
	(ii) Acquired	--
	(iii) Leased Land	--
12	Year of Purchase/Acquisition	2015
13	Whether mutation completed	Under process
14	Cost of the Land (At the time of procurement)	--
15	Whether more land was purchased/acquired/Leased in for GSS Extension work? If yes Give details	--
16	Area of extra land for GSS	---
17	Cost	--
18	Year of purchase/lease of extra land	--
19	Total area at present	6.43 Acre
20	Details of Land (Khata/Khesra)	Khata No.- 138/Khesra No.- 957
21	Thana No.	183
22	Name of Municipality/Nagar Parishad etc.	Panchayat - Bankatta
23	Ward No./Circle No./Holding No.	--
24	Amount of Early Land related Taxes	---
25	Taxes clear up to	--
26	Land record available with	Khata, Khesra, Map


 10-11-2018
 Assistant Executive Engineer (T/C)
 Transmission Sub-division Benipatti

Details of Existing Equipment

Name of Circle: Muzaffarpur

Name of GSS: Dalsinghsarai

Sl. No.		Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	
	132 KV Line Bay	Begusarai	Line control & relay panel with Distance protection & O/C E/F protection	1	Easun	28.07.2011	
			3 Phase Circuit Breaker	1	CGL	28.07.2011	
			1-Ph CVT	3	CGL	28.07.2011	
			LA	3	CGL	28.07.2011	
			1-Ph Current Transformer	3	Mehru	28.07.2011	
			3 Phase isolator with/without Earth switch	3	Switchgear control	28.07.2011	
		Samastipur	Line control & relay panel with Distance protection & O/C E/F protection	1	Easun	28.07.2011	
			3 Phase Circuit Breaker	1	CGL	28.07.2011	
			1-Ph CVT	3	CGL	28.07.2011	
			LA	3	CGL	28.07.2011	
			1-Ph Current Transformer	3	Mehru	28.07.2011	
			3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011	
		Kusheshwarsthan	Line control & relay panel with Distance protection & O/C E/F protection	1	System Control	14.08.2016	
			3 Phase Circuit Breaker	1	Siemens	14.08.2016	
			1-Ph CVT	3	Siemens	14.08.2016	
			LA	3	CGL	14.08.2016	
			1-Ph Current Transformer	3	SCT	14.08.2016	
			3 Phase isolator with/without Earth switch	3	Electrolite	14.08.2016	
		Roseria	Line control & relay panel with Distance protection & O/C E/F protection	1	System Control	14.08.2016	
			3 Phase Circuit Breaker	1	Siemens	14.08.2016	
			1-Ph CVT	3	Siemens	14.08.2016	
			LA	3	CGL	14.08.2016	
			1-Ph Current Transformer	3	SCT	14.08.2016	
			3 Phase Isolator with/without Earth switch	3	Electrolite	14.08.2016	
		Bachhwara TSS	Line control & relay panel with Distance protection & O/C E/F protection	1	System Control	20.12.2016	
			2 Phase Circuit Breaker	1	CGL	20.12.2016	
			1-Ph CVT	0	-		
			LA	2	CGL	20.12.2016	
1-Ph Current Transformer	2		Toshiba	20.12.2016			
2 Phase isolator with/without Earth switch	2		JD Electricals	20.12.2016			
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun	28.07.2011		

132/33 KV Transformer bay(HV)	TR-1 20MVA EMCO	3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
		3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
132/33 KV Transformer bay(HV)	TR-2 20MVA EMCO	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
		3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
132/33 KV Transformer bay(HV)	TR-3 50MVA ECE	Transformer control & relay panel with Differential protection & O/C E/F protection	1	System Control	26.09.2016
		3 Phase Circuit Breaker	1	CGL	26.09.2016
		LA	3	CGL	26.09.2016
		1-Ph Current Transformer	3	SCT	26.09.2016
		3 Phase Isolator with/without Earth switch	3	JD Electricals	26.09.2016
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		1Ph PT	3	CGL	28.07.2011
		LA	0		
		1-Ph Current Transformer	3	Mehru	28.07.2011
132/33 KV Transformer bay(LV)	TR-1 20MVA EMCO	3 Phase Isolator with/without Earth switch	2	Switchgear control	28.07.2011
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
132/33 KV Transformer bay(LV)	TR-2 20MVA EMCO	3 Phaselsolator with/without Earth switch	3	Switchgear control	28.07.2011
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
132/33 KV Transformer bay(LV)	TR-3 50MVA ECE	3 Phaselsolator with/without Earth switch	3	Switchgear control	28.07.2011
		Transformer control & relay panel with Differential protection & O/C E/F protection	1	System Control	26.09.2016
		3 Phase Circuit Breaker	1	CGL	26.09.2016
		LA	3	CGL	26.09.2016
		1-Ph Current Transformer	3	SCT	26.09.2016
33 KV Feeder	Bibhutipur	3 Phaselsolator with/without Earth switch	3	JD Electricals	26.09.2016
		Line control & relay panel with O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
33 KV Feeder	Dalsinghsarai	3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
		Line control & relay panel with O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
33 KV Feeder	Ujiyarpur	3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
		Line control & relay panel with O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011

33 KV Feeder		3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
Vidyapati		Line control & relay panel with O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		LA	3	CGL	28.07.2011
		1-Ph Current Transformer	3	Mehru	28.07.2011
		3 Phase Isolator with/without Earth switch	3	Switchgear control	28.07.2011
33 KV Feeder					
		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun	28.07.2011
		3 Phase Circuit Breaker	1	CGL	28.07.2011
		1Ph PT	3	CGL	28.07.2011
		LA			
		1-Ph Current Transformer	3	Mehru	28.07.2011
		3 Phase Isolator with/w,thout Earthswitch	2	Switchgear control	28.07.2011
33 KV Buscoupler					

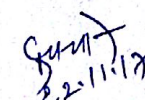
Other Substation Eaulpments •

Battery Charger	1		1	HLB	28.07.2011
Battery Charger	2		1	HLB	28.07.2011
ACDB			1	UNILEC	28.07.2011
DCDB(110V/48V)			2	UNILEC	28.07.2011
Battery bank	1		1	HLB	28.07.2011
Battery bank	2		1	HLB	28.07.2011
DG set			1	JACKSON	28.07.2011
PLCC Equipment		1.Isolator			
		2. Battery Charger	2	HLB	28.07.2011
		3. Panel	8	BPL	not commissioned
		4 .telephone	2	BPL	not commissioned
Hydrant system with Pipe			na		
Fire Fi11htin11 Eaupunent			10	na	
Earthing Rods			6	na	
Tools & Tackles(Spanners,Wrench			1 set	taparia	
Testing Equipments	1 megger 1 bdv test kit	1 multimeter			
Safety Gear(Helmet,Gloves,Boot, etc.)	gloves 2 pairs helmet 03nos boots 02 pair				
SST			1	emco	28.07.2011
Spare Hardware Fitting.			2	na	

Sample format for GSS land assets

GSS:- Dalsinghsarai

LOCATION	
01	Name of GSS
02	Located at (Name of locality)
03	Block/Prakhand
04	Police Station (Thana)
05	Sub-Division
06	District
07	Transmission Division
08	Transmission Circle
09	GPS Co-ordinates
LAND DETAILS	
10	Initial Area (In Acre)
11	Whether it was:
	(i) A Govt. Land (State type GM or)
	(ii) Private Land
	If Private Land, Whether
	(i) Purchased
	(ii) Acquired
	(iii) Leased Land
12	Year of Purchase/Acquisition
13	Whether mutation completed
14	Cost of the Land (At the time of procurement)
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details
16	Area of the extra land for GSS
17	Cost
20	Year of Purchase/lease of extra land
21	Total area at present
	Details of Land (Khata/Khesara)
	Thana No.
	Name of Municipality/Nagar Parishad etc.
	Ward No./Circle No./ Holding No.
	Amount of Early Land related Taxes
	Taxes clear up to
22	Land Records available with


 22.11.17
Assistant Executive Engineer
Transmission Sub division
Dalsinghsarai

Details of Existing Equipment

Name of Circle: DARBHANGA

Name of GSS:-220/132 KV GSS Darbhanga

Sl. No.		Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	220 KV Line Bay	1st bay (Mushahari-1)	Line control & relay panel with Distance protection & O/C E/F protection	3NOS	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1 (SET) 3NOS	Siemens	2006
			1-Ph CVT	3NOS	ALSTOM	2006
			LA	3NOS	CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006
		2nd bay (Musahari-2)	3 Phase Isolator with/without Earth switch	3+1 (SET)	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
			Line relay panel with Distance protection & O/C E/F protection	1NO	Venson	2014
			3 Phase Circuit Breaker	1 (SET) 3NOS	Siemens	2014
			1-Ph CVT	3NOS	Siemens	2014
			LA	3NOS	SCT Limited	2014
			1-Ph Current Transformer	3NOS	Lamco Industries	2014
			3 Phase Isolator with/without Earth switch	3+1 (SET)	Faradey Electricals Pvt. Ltd.	2014
	Transformer bay.	TRFO-1 (220 kV side)	Transformer control & relay panel with Differential protection & O/C E/F protection	2NOS	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1 (SET) 3NOS	Siemens	2006
			LA	3NOS	CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006
			3 Phase Isolator with/without Earth switch	3+1 (SET)	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
		TRFO-2 (220 kV side)	Transformer control & relay panel with Differential protection & O/C E/F protection	2 (SET)	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1Ph (3nos)	Siemens	2006
			LA	3NOS	CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006
			3 Phase Isolator with/without Earth switch	3+1 (SET)	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
	Bus Coupler Bay	TBC	Line control & relay panel with Distance protection & O/C E/F protection	1NOS	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1Ph (3nos)	Siemens	2006
			1 Ph PT	3NOS	ALSTOM	2006
			LA		CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006

			3 Phase Isolator with/without Earth switch	3NOS	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
	Transformer bay	TRFO-1 (132 kV side)	Transformer control & relay panel with Differential protection & O/C E/F protection	1NO	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1 (SET) 3NOS	Siemens	2006
			LA	3NOS	CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006
			3 Phase Isolator with/without Earth switch	3+1 (SET)	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
		TRFO-2 (132 kV side)	Transformer control & relay panel with Differential protection & O/C E/F protection	1NO	Easun Reyrolle	2006
			3 Phase Circuit Breaker	1 (SET) 3NOS	Siemens	2006
			LA	3NOS	CGL	2006
			1-Ph Current Transformer	3NOS	Telk	2006
			3 Phase Isolator with/without Earth switch	3+1 (SET)	Switchgears Structurals India Pvt. Ltd. Hyd.	2006
ation Equipments -						
	Battery Charger	1	250V	1SET	AZ Electronics	2014
		2	250V	1SET	AZ Electronics	2016
	ACDB			1SET	Vikas Engeering Associates	2006
	DCDB(110V/48V)			1SET	Vikas Engeering Associates	2006
	Battery bank	1	250V (LA) 2.2V	1SET	EXIDE	2014
		2	250V (LA) 2.2V	1SET	EXIDE	2017
	DG set			1SET	Jacson India Pvt. Ltd.	2006
	PLCC Equipment	1.Isolator				
		2. Battery Charger			2SET	Eletec SGS Pvt. Ltd.
		3. Panel			4SET	BPL,EPI
		4.telephone				BE-TEL
		Hydrant system with Pipe arrangement				Suchitra Enterprizes
	Fire Fighting Equipment				Greaves	
	Earthing Rods				-	
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)				Taparia	
	Testing Equipments					
	Safety Gear(Helmet,Gloves,Boot, etc.)			1SET	-	
	SST			2NOS	TBEA, TRIL	
	Spare Hardware Fitting.					

Sample format for GSS land assets
GSS: - 220/132 kV Grid S/S Darbhanga

	LOCATION	Ramnagar, Laheriyasarai, Darbhanga
01	Name of GSS	220/132 kV Grid S/S Darbhanga
02	Located at (Name of locality)	Ramnagar, Laheriyasarai, Darbhanga
03	Block/Prakhand	Bahadurpur
04	Police Station (Thana)	Bahadurpur
05	Sub-Division	Darbhanga
06	District	Darbhanga
07	Transmission Division	Darbhanga
08	Transmission Circle	Darbhanga
09	GPS Co-ordinates	Latitude- 26deg05'35", Longitude- 85deg54'35"
	LAND DETAILS	
10	Initial Area (In Acre)	5 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	Yes
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	220/132 kV Grid Substation is constructed in area of 132/33 kV Grid S/S
	(iii) Leased Land	
12	Year of Purchase/Acquisition	
13	Whether mutation completed	No
14	Cost of the Land (At the time of procurement)	-
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	Yes
16	Area of the extra land for GSS	1.76 Acre
17	Cost	7.744 crore
20	Year of lease of extra land	2018
21	Total area at present	6.744 acre
	Details of Land (Khata/Khesara)	-
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Darbhanga
	Ward No./Circle No./ Holding No.	
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

Details of Existing Equipment

Name of Circle: -DARBHANGA

Name of GSS:132/33 KV GSS Darbhanga

Sl. No.		Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	220 KV Line Bay	1st bay	Line control & relay panel with Distance protection & O/C E/F protection	N/A		
			3 Phase Circuit Breaker	N/A		
			1-Ph CVT	NA		
			LA	NA		
			1-Ph Current Transformer	NA		
			3 Phase Isolator with/without Earth switch	NA		
				NA		
		2nd bay..	Line control & relay panel with Distance protection & O/C E/F protection	NA		
			3 Phase Circuit Breaker	NA		
			1-Ph CVT	NA		
			LA	NA		
			1-Ph Current Transformer	NA		
			3 Phase Isolator with/without Earth switch	NA		
	220/132 KV Transformer bay(HV)	1st bay..	Transformer control & relay panel with Differential protection & O/C E/F protection	NA		
			3 Phase Circuit Breaker	NA		
			LA	NA		
			1-Ph Current Transformer	NA		
			3 Phase Isolator with/without Earth switch	NA		
	220/132 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	NA		
			3 Phase Circuit Breaker	NA		
			LA	NA		
			1-Ph Current Transformer	NA		
			3 Phase Isolator with/without Earth switch	NA		
	220 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	NA		
			3 Phase Circuit Breaker	NA		
			1 Ph PT	NA		
			LA	NA		
			1-Ph Current Transformer	NA		
			3 Phase Isolator with/without Earth switch	NA		
			Line control & relay panel with Distance protection & O/C E/F protection	2	English Electricals	1994
				1	ABB	2013
				1	CGL	2015
				3		2017
			3 Phase Circuit Breaker	1		2015
				2	CGL	1994
			1 Ph CVT	2		2017
				3		2013
				3		2015
				3		2015

132 KV Line bay		LA	6	Iamco	2017
			3	CGL	2013
			3		2015
		1-Ph Current Transformer	6	SCT	2017
			3		2015
			3	ABB	2013
		3 Phase Isolator with/without Earth switch	5	Faradey	2017
			10	-	1994
			3	Seimens	2013
			3	Electrolites	2015
132/33 KV Transformer bay(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection		English Electricals	
			1		1994
		3 Phase Circuit Breaker	1	ABB	2009
			3	ABB	2009
		LA	3	CGL	2015
			6	Iamco	2017
		1-Ph Current Transformer	3	SCT	2017
			3	ASEA	1994
		3 Phase Isolator with/without Earth switch	1	Faradey	2017
			5	-	1994
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	English Electricals	1994
			2		2017
		3 Phase Circuit Breaker	3	CGL	2017
			3	Iamco	2017
		LA	3	Elpro Indusdy pvt. Ltd.	1994
			6	SCT	2017
		1-Ph Current Transformer	6	SCT	2017
132 KV Buscoupler bay		3 Phase Isolator with/without Earth switch			
			6	Faradey	2017
		Line control & relay panel with Distance protection & O/C E/F protection	1	English Electricals	1994
			1		2014
		3 Phase Circuit Breaker	3	CGI	2017
		1 Ph PT	3	SCT	2017
		LA			
33 KV Feeder		1-Ph Current Transformer	3	SCT	2017
			3		1994
		3 Phase Isolator with/without Earth switch			
			3	-	1994
		Line control & relay panel with O/C E/F protection	3	ABB	2013
			4		2017
		3 Phase Circuit Breaker	6	CGL	2017
			1		2013
		LA	21	Iamco	2017
			9	ABB	2013
33 KV Buscoupler		1-Ph Current Transformer	6	SCT	2017
			6		2014
		3 Phase Isolator with/without Earth switch	9	Seimens	2013
			12		2017
		Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	2017
			1		2013
		3 Phase Circuit Breaker	3	CGL	2017

	33 KV Buscoupler		LA			
			1-Ph Current Transformer	3	SCT	2015
			3 Phase Isolator with/without Earth switch	2	Faradey	2017
Other Substation Equipments -						
	Battery Charger	1	Amara Raja	1	Defective	2016
		2	Chloride	1		2018
	ACDB- Vikash engineering				Asian Asitchgear pvt. Ltd.	2017
	DCDB(110V/48V)-vikash engineering				Asian Asitchgear pvt. Ltd.	2017
	Battery bank	1	exide	1 set	exide (LMLA)	2016
		2		1 set	Exide (VRLA)	2018
	DG set			Not available	-	-
	PLCC Equipment	1.Isolator		NA		
		2. Battery Charger		1	Amara raja	1994
		3. Panel		1	ABB	-
		4.telephone		NA		
	Hydrant system with Pipe arrangement			NA		
	Fire Fighting Equipment			12	-	
	Earthing Rods			6		
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)			availble	12 Piece	
	Testing Equipments			NA		
	Safety Gear(Helmet,Gloves,Boot, etc.)				2 sets of each	
	SST			1	East India Udyog	1994
	Spare Hardware Fitting.			availble		

Sample format for GSS land assets
GSS: - 132/33 kV Grid S/S Darbhanga

	LOCATION	Ramnagar, Laheriasarai, Darbhanga
01	Name of GSS	132/33 kV Grid S/S Darbhanga
02	Located at (Name of locality)	Ramnagar, Laheriasarai, Darbhanga
03	Block/Prakhand	Bahadurpur
04	Police Station (Thana)	Bahadurpur
05	Sub-Division	Darbhangha
06	District	Darbhangha
07	Transmission Division	Darbhangha
08	Transmission Circle	Darbhangha
09	GPS Co-ordinates	Latitude- 26°05'33", Longitude- 85°54'36"
	LAND DETAILS	
10	Initial Area (In Acre)	5 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	Yes
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	
	(iii) Leased Land	
12	Year of Purchase/Acquisition	
13	Whether mutation completed	No
14	Cost of the Land (At the time of procurement)	-
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	Yes
16	Area of the extra land for GSS	0.92 Acre
17	Cost	1.904 crore
20	Year of lease of extra land	2012 (0.52 acre), 2016 (0.4 acre)
21	Total area at present	5.92 acre
	Details of Land (Khata/Khesara)	-
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Darbhangha
	Ward No./Circle No./ Holding No.	
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

List of testing and maintenance equipment at
G.S.S. Gangwara

01. BDV Test Kit - 01 (not properly working)
02. Megger SKV - 01 (Burnt)
03. Digital Multimeter - 01 (working)
04. oil Sampling bottle - 03 (1 litre capacity)
05. portable SF_6 gas refilling device - 01
06. Automatic capacitance and tan delta kit - 01
07. Transformer winding resistance meter - 01
08. Transformer turn ratio meter - 01
09. Dew point kit for SF_6 gas - 01
10. SF_6 gas evacuation filling and drying plant - 01
11. Transformer oil filtration plant 2KL/Hr capacity - 01
12. Circuit Breaker test kit - 01
13. Primary current injection kit - 01
14. Secondary current injection kit - 01
15. Relay operational meter - 01
16. Selective level meter - 01
17. selective level generator - 01

Note:- All equipments from Sl. No - 04 to 17 have not
used since Nov-14.


22/11/2017

Assistant Executive Engineer
Transmission Sub Division
Gangwara

Detail of Equipment installed at 132/33 KV G.S.S.
Gangwara

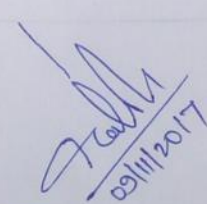
Sl. No.	Name of Equipment	Make and Specification	Quantity	Remarks
01	50 MVA power Transformer	Transformer and Rectifier Ltd.	02	Working
02	315 KVA Station Transformer	Eont India Vidyog Ltd.	01	- do -
03	132 KV Lightning Arrester	Crompton Greaves Ltd.	04 set	- do -
04	132 KV Capacitor voltage transformer	- do -	02 set	- do -
05	132 KV Current Transformer	Mehru Elect. and Mech Engineers Ltd. (200-400-800/1A)	05 set	- do -
06	132KV SF ₆ circuit Breaker	SIEMENS Ltd	05	- do -
07	33 KV Lightning Arrester	Crompton Greaves Ltd	08 set	- do -
08	33 KV Current transformer (600-1200/1A)	Mehru Elect. and Mech Engineers	01 set	- do -
09	33 KV Current transformer (150-300-600/1A)	- do -	08 set	- do -
10	33 KV Potential transformer	- do -	01 set	- do -
11	33 KV Vacuum circuit Breaker	ABB Ltd.	03	- do -
12	Battery (250V, 48V)	Exide (dry cell)	02 sets 02 sets	- do -
13	250V Battery charger	Chloride power system and Solution Ltd	02	- do -
14	48V Battery charger	- do -	02	01 no. not working


 Assistant Executive Engineer
 Transmission Sub Division
 Gangwara

Sample format for GSS land assets

GSS:- GANGWARA

	LOCATION	
01	Name of GSS	132/33 KV G.S. 2 GANGWARA
02	Located at (Name of locality)	CHANDANPATTI, GANGWARA
03	Block/Prakhand	SADAR, DARBHANGA
04	Police Station (Thana)	SADAR, DARBHANGA
05	Sub-Division	SADAR, DARBHANGA
06	District	DARBHANGA
07	Transmission Division	SAMASTIPUR
08	Transmission Circle	MUZAFFARPUR
09	GPS Co-ordinates	Lat - 26.16514, Long - 85.91456
	LAND DETAILS	
10	Initial Area (In Acre)	5.25 Acre.
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	0.5 Acre, BSEB LAND
	(ii) Private Land	4.75 Acre.
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	Acquired
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2014
13	Whether mutation completed	Not
14	Cost of the Land (At the time of procurement)	62338847.00
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work?	No
	If yes, Give details	
16	Area of the extra land for GSS	No
17	Cost	N/A
20	Year of Purchase/lease of extra land	N/A
21	Total area at present	5.25 Acre.
	Details of Land (Khata/Khesara) ✓	168, 169, 170, 172, 174, 175, 176
	Thana No.	511
	Name of Municipality/Nagar Parishad etc.	N/A
	Ward No./Circle No./ Holding No.	02
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	


 Assistant Executive Engineer
 Transmission Sub Division
 Gangwara

Details of Existing Equipment

Name of Circle: DARBHANGA

Name of GSS:-220/132/33KV GSS LAUKAHI(UNDER-CONSTRUCTION)

Sl. No.		Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	220 KV Line Bay	1st bay (DARBHANGA-1)	Line control & relay panel with Distance protection & O/C E/F protection	2NOS	ALSTOM	6/20/2018
			3 Phase Circuit Breaker	1 (SET) 3NOS	ALSTOM	
			1-Ph CVT	3NOS	ALSTOM	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3+1 (SET)	G.R POWER	
		2nd bay (DARBHANGA-2)	Line control & relay panel with Distance protection & O/C E/F protection	2NOS	ALSTOM	6/20/2018
			3 Phase Circuit Breaker	1 (SET) 3NOS	ALSTOM	
			1-Ph CVT	3NOS	ALSTOM	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3+1 (SET)	G.R POWER	
	220 KV Line Bay	1st bay (MADHEPURA-1)	Line control & relay panel with Distance protection & O/C E/F protection	2 NOS	CGL	10/25/2018
			3 Phase Circuit Breaker	1(SET) 3 NOS	CGL	
			1-Ph CVT	3 NOS	CGL	
			LA			
			1-Ph Current Transformer	3 NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3+1(SET)	SIEMENS	
		2nd bay (MADHEPURA-2)	Line control & relay panel with Distance protection & O/C E/F protection	2NOS	CGL	11/3/2018
			3 Phase Circuit Breaker	3 NOS	CGL	
			1-Ph CVT	3 NOS	CGL	
			LA			
			1-Ph Current Transformer	3 NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3+1(SET)	SIEMENS	
	220/132 KV Transformer bay.	TRFO-1	Transformer control & relay panel with Differential protection & O/C E/F protection	2NOS	ALSTOM	6/20/2018
			3 Phase Circuit Breaker	1 (SET) 3NOS	ALSTOM	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	

		3 Phase Isolator with/without Earth switch	3+1 (SET)	G.R POWER	
220/132 KV Transformer bay.	TRFO-2	Transformer control & relay panel with Differential protection & O/C E/F protection	2 (SET)	ALSTOM	
		3 Phase Circuit Breaker	1Ph (3nos)	ALSTOM	
		LA	3NOS	ALSTOM	
		1-Ph Current Transformer	3NOS	MEHRU	
		3 Phase Isolator with/without Earth switch	3+1 (SET)	G.R POWER	
220 KV	TBC	Line control & relay panel with Distance protection & O/C E/F protection	2NOS	ALSTOM	6/20/2018
		3 Phase Circuit Breaker	1Ph (3nos)	ALSTOM	
		1 Ph PT	3NOS	ALSTOM	
		LA			
		1-Ph Current Transformer	3NOS	MEHRU	
		3 Phase Isolator with/without Earth switch	3NOS	G.R POWER	
132 KV Line bay	SUPAUL-1	Line control & relay panel with Distance protection & O/C E/F protection	1SET	ALSTOM	
		3 Phase Circuit Breaker	1SET	ALSTOM	
		1 Ph CVT	3NOS	ALSTOM	
		LA	3NOS	ALSTOM	
		1-Ph Current Transformer	3NOS	MEHRU	
		3 Phase Isolator with/without Earth switch	3NOS	G.R POWER	
	SUPAUL-2(PHULPARAS)	Transformer control & relay panel with Distance protection & O/C E/F protection	1SET	ALSTOM	9/17/2018
		3 Phase Circuit Breaker	1SET	ALSTOM	
		LA	3NOS	ALSTOM	
		1-Ph Current Transformer	3NOS	MEHRU	
		3 Phase Isolator with/without Earth switch	3SET	G.R POWER	
132/33 KV Transformer bay.	TRFO-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1SET	ALSTOM	6/21/2018
		3 Phase Circuit Breaker	1SET	ALSTOM	
		LA	3NOS	ALSTOM	
		1-Ph Current Transformer	3NOS	MEHRU	
		3 Phase Isolator with/without Earth switch	3SET	G.R POWER	

	132/33 KV Transformer bay.	TRFO-2	Transformer control & relay panel with Differential protection & O/C E/F protection	1SET	ALSTOM	
			3 Phase Circuit Breaker	1SET	ALSTOM	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3SET	G.R POWER	
	132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1SET	ALSTOM	
			3 Phase Circuit Breaker	1SET	ALSTOM	
			1 Ph PT	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	2NOS	G.R POWER	
	33 KV Feeder	BAY 2,3,5,6,8 &9(Nos)	Line control & relay panel with O/C E/F protection	1SET	ALSTOM	
			3 Phase Circuit Breaker	1SET	SCHNEIDER	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	3NOS	G.R POWER	
	33 KV Buscoupler	TBC-1	Line control & relay panel with Distance protection & O/C E/F protection	1SET	ALSTOM	
			3 Phase Circuit Breaker	3NOS	SCHNEIDER	
			1 Ph PT	3NOS	MEHRU	
			LA	3NOS	ALSTOM	
			1-Ph Current Transformer	3NOS	MEHRU	
			3 Phase Isolator with/without Earth switch	4SET	G.R POWER	
Other Substation Equipments -						
	Battery Charger	1	250V	1SET	CHLORIDE	
		2	250V	1SET	CHLORIDE	
	ACDB			1SET	E.T	
	DCDB(110V/48V)			1SET	E.T	
	Battery bank	1	250V (DRY CELL) 2.2V	1SET	CHLORIDE	
		2	250V (DRY CELL) 2.2V	1SET	CHLORIDE	
	DG set			1SET		
	PLCC Equipment	1.Isolator				
		2. Battery Charger		2SET	CHLORIDE	
		3. Panel		4SET	ALSTOM,ABB	
		4.telephone			BE-TEL	
Hydrant system with Pipe arrangement						
Fire Fighting Equipment						
Earthing Rods					V.J.R	
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)						
Testing Equipments						
Safety Gear(Helmet,Gloves,Boot, etc.)				1SET	KRAM	
SST				2NOS	TBEA	6/22/2018
Spare Hardware Fitting.						

Sample format for GSS land assets

GSS:- 220/132/33kv GSS Laukahi.

	LOCATION	
01	Name of GSS	Laukahi
02	Located at (Name of locality)	Vill-Dudhailla, Panchayat-Kukurdhaura.
03	Block/Prakhand	Laukahi
04	Police Station (Thana)	Andhra Math
05	Sub-Division	Phulparas
06	District	Madhubani
07	Transmission Division	Darbhanga
08	Transmission Circle	Darbhanga
09	GPS Co-ordinates	26.4288064,86.6358102
	LAND DETAILS	
10	Initial Area (In Acre)	20 acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	20 acre
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	20 acre
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2014/15
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	
16	Area of the extra land for GSS	
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	20 acre
	Details of Land (Khata/Khesara)	
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Vill-Dudhailla, panchayat-kukurdaura
	Ward No./Circle No./ Holding No.	Ward no-12.
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

Status of Equipments at TSD ROSERA

Status of Equipments at TSD ROSERA																			
		MAKE		Capacity															
Transformer-1		ECE		20MVA															
Transformer-2		ECE		20MVA															
SST-1		MARSON Ltd		315KVA															
SST-2		MARSON Ltd		315KVA															

Ajitesh Ullah
AEE/TSD/ROSERA.

Sample format for GSS and assets
132/33 kv GSS ROSERA

sl.no.	LOCATION	
1	Name of GSS	132/33 kv GSS ROSERA
2	Located at (Name of locality)	Bhirha
3	Block	Rosera
4	Police station	Rosera
5	Sub division	Rosera
6	District	Samastipur
7	Transmission division	Samastipur
8	Transmission circle	Muzaffarpur
9	GPS Coordinates	25.783428 N / 86.070966 E
	LAND DETAILS	
10	Initial area (in acres)	4.67 acres
11	Whether it was	
	a) A Govt. land (state type GM or)	Bihar Govt.
	b) Private land	No
	If private land, whether	
	a) purchased	
	b) acquired	
	c) leased land	
12	Year of purchased/ Acquisition	2015
13	whether mutation completed	
14	Cost of land (at the time of procurement)	N/A
15	Whether more land was purchased/Acquired/Leased in the GSS extension work? If yes give details	N/A
16	Area of the extra land for GSS	N/A
17	Cost	
18	Year of purchase/lease of extra land	
19	Total area at present	4.67 acres
	Details of the. land (khata/ khesara)	khesra no. 7995, 7996
	Thana no.	66
	Name of municipality/Nagar parishad etc	Bhirha
	Ward no./Circle no. /holding no.	5
	Amount of early land related taxes	
	Taxes clear up to	
22	Land records available with	BSPTCL TD Samastipur dispatch no. 286 dated 04/04/2015

Ajitesh Mishra
AEPTSD/ROSER

DETAILS OF EXISTING EQUIPMENT IN GSS SHAHPUR PATORI					
Name of GSS-Shahpur Patori					
Name of Division- samastipur			Name of circle- Dharbhanga		
Voltage Level	Name of Bay	Equipment Name	Qty	Make	Date of Commissioning
132 KV Line bay	Ujiyarpur	line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	ABB	2018
		1ph CVT	3	CGL	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 Set	FARADAY	2018
132 KV Transformer bay (HV)	20 MVA Transformer no. 01	Transformer control and relay panel with differential protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	ABB	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
	20 MVA Transformer no. 02	Transformer control and relay panel with differential protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	ABB	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018

132 KV Transformer bay (LV)	20 MVA Transformer no. 01	Transformer control and relay panel with differential protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
	20 MVA Transformer no. 02	Transformer control and relay panel with differential protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
132 KV Bus coupler bay		line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	ABB	2018
		1ph PT	3	SCT Ltd.	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	2 set	FARADAY	2018
	Feeder 1	line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018

33KV Feeder		3ph isolator with/without earth switch	3 set	FARADAY	2018
	Feeder 2	line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
	Feeder 3	line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
	Feeder 4	line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		LA	3	CGL	2018
		1ph CT	3	SCT Ltd.	2018
		3ph isolator with/without earth switch	3 set	FARADAY	2018
33 KV Bus coupler		line control and relay panel with distance protection and O/C E/F protection	1	SEL	2018
		3 ph circuit breaker	1	Schneider	2018
		1 ph PT	3	SCT Ltd.	2018
		1ph CT	3	SCT Ltd.	2018

		3ph isolator with/without earth switch	2 set	FARADAY	2018
Hgh Level isolator	132 KV side		1 set	FARADAY	2018
	33 KV side		1 set	FARADAY	2018
Isolator near SST			2 set	FARADAY	2018
Battery Charger	250 volt		1	Chloride	2018
	48 volt		2	Chloride	2018
Battery Bank	250 volt		1	Exide	2018
	48 volt		1	Exide	2018
DG Set			1	Jakson & Company	
ACDB			4	Asian Switchgear	2018
DCDB			2	Asian Switchgear	2018
PLCC Equipment		1. Isolator	NA		
		2. Battery Charger	NA		
		3. Panel	4		
		4. Telephone			
Hydrant system with pipe arrangement					
Fire fighting equipment			2	Safety fire services limited	
Earthing Rods					
Tools and Tackles					
Testing Equipment					
Safety Gear					
SST			2	East India Udyog Limited	2018
Spare Hardware Fitting					

Sample format for GSS land assets

132/33kv GSS, Shahpur patori

Sl. No.	Location	
1	Name of GSS	132/33kv GSS, Shahpur Patori
2	Located at (Name of locality)	Sivaisinghpur
3	Block/Prakhanda	Mohiuddin Nagar
4	Police station(Thana)	Mohiuddin Nagar
5	Subdivision	Shahpur Patori
6	District	Samastipur
7	Transmission Division	Samastipur
8	Transmission Circle	Darbhanga
9	GPS Co-ordinates	25.611374, 85.6664679
	Land details	
10	Initial Area(in acre)	4.85
11	whether it was	
	(i) A Govt Land(State type GM or)	
	(ii) Private Land	
	if private land whether	Govt.land
	(i) Purchased	
	(ii) Acquired	
	(iii) Leased Land	
12	year of purchase/Acquisition	
13	Whether mutation completed	
14	Cost of Land (at the time of procurement)	
15	whether more land was purchased/acquired/leased in for Extension work ? If yes give details	
16	Area of the extra Land for GSS	
17	Cost of Land (at the time of procurement)	
18	Year of purchase/Leas of Extra Land	
19	Total area at present	
	Details of Land (Khata/khesara)	4.85
	Thana no	new-740, old-135
	Name of Municipality/Nagar Parisad etc.	
	Ward no/Circle No./Holding No.	Sivaisinghpur
	Amount of Early Land related Taxes	17
	Taxes clear up to	
20	Land Records available with	