

Details of Existing Equipment

Name of Circle: Koshi(Madhepura)

Name of GSS:Kataiya

Sl no.	Voltage level (KV)	Name of bay	Name of equipment	Quantity	Make	d.o.c
1	132/33	Transformer no 1 (50 MVA)	C/R Panel	1	danish	10-06-2015
			3 phase CB	1	CGL	06.02.17
			1 Phase CVT	NA	NA	NA
			LA	3	LAMCO	27-12-2016
			1 Phase CT	3	SCT	10-06-2015
			3 Phase isolator	3(SET)	FARADAY	27-12-2016
2	132/33	Transformer no 2 (20 MVA)	C/R Panel	1	GC ALSTOM	NA
			3 Phase CB	1	CGL 2012	NA
			LA	3	LAMCO	07.01.17
			1 Phase CT	3	MEHRU	12.04.17
			3 Phase isolator	3 set	FARADAY	07.11.17
3	132/33	Transformer no 3 (20 MVA)	C/R Panel	3	CGL 2008	25.04.13
			3 phase CB	1	SIEMENS 2008	25.04.13
			LA	3	CGL 2008	25-04-2013
			1 phase CT	3	Vidyut control system	25.04.13
			3 Phase isolator	3 set	siemens	25.04.13
4	33	Incomer no 1	C/R panel	1	danish	10-06-2015
			3 phase CB	1	CGL	13.07.13
			1 phase CT	3	SCT	06-02-2017
			3 Phase isolator	3	Faraday	28.12.16
			LA	3	LAMCO	28.12.16
5	33	Incomer no 2	C/R panel	1		
			3 phase CB	1	SIEMENS	22.11.17
			LA	3	LAMCO	04.01.17
			1 phase CT	3	MEHRU	12.04.17
			3 Phase isolator	3	FARADAY	07.01.17
6	33	Incomer no 3	Line CR panel	1	CGL	25.04.13
			3 phase CB	1	SIEMENS	25.04.13
			LA	3	ZINC OXIDE	25.04.13
			1 PHASE CT	3	Vidyut co.system	25.04.13
			3 Phase isolator	3	SIEMENS 2008	25.04.13

Sl no.	Voltage level (KV)	Name of bay	Name of equipment	Quantity	Make	d.o.c
7	132	Kataiya forbesganj 1	Line CR Panel	1	ENGLISH ELECTRIC	NA
			3 phase CB	1	CGL 2012	NA
			1 Phase CVT	3	HITACHI LTD. 1968	NA
			LA	3	LAMCO	13.04.17
			1 Phase CT	3	MEHRU	NA
			3 Phase isolator	3(SET)	FARADAY	13.01.17
8	132	Kataiya forbesganj 2	Line CR Panel	1	EASUN REYROLLE LTD.	NA
			3 Phase CB	1	CGL 2014	NA
			1 Phase CVT	3	BHEL 2005	NA
			LA	3	CGL	NA

			1 Phase CT		3	BHEL 2004	NA
			3 Phase isolator	3 set		GR POWER SWITCHGEAR LTD.	NA
9	132	Kataiya forbesganj 3	Line CR Panel		1	CGL	18.01.15
			3 phase CB			CGL 2014	18.01.15
			1 phase CVT		3	CGL 2014	18.01.15
			LA		3	CGL 2014	18.01.15
			1 phase CT		3	SCT LIMITED	18.01.15
			3 Phase isolator	3 SET		ELEKTROLITES	
10	132	Kataiya supaul 1	Line CR panel		2	ABB	03.08.13
			3 phase CB		1	ABB 2008	03.08.13
			1 phase CVT		3	CGL 2008	03.08.13
			LA		3	CGL	03.08.13
			1 phase CT		3	CGL	03.08.13
			3 Phase isolator		3	SIEMENS	03.08.13
11	132	Kataiya supaul 2	Line CR panel		2	ABB	03.08.13
			3 phase CB		1	ABB 2008	03.08.13
			1 phase CVT		3	CGL 2008	03.08.13
			LA		3	CGL	03.08.13
			1 phase CT		3	CGL	03.08.13
			ISOLATOR		3	SIEMENS	03.08.13
Sl no.	Voltage level (KV)	Name of bay	Name of equipment	Quantity	Make	d.o.c	
12	132	Kataiya Duhabi	C/R Panel		1	GC ALSTOM	NA
			3 phase CB		1	CGL 2012	2013
			1 Phase CVT		0	NA	NA
			LA		3	ELPRO INT.LTD. 1993	NA
			1 Phase CT		3	SCT 2013	04.06.16
			3 Phase isolator	3(SET)		FARADAY	10.04.17 (T- Bus)
13	132	Kataiya kusaha	Line CR Panel		1	CGL	22.02.17
			3 Phase CB		1	CGL 2016	13.02.17
			1 Phase CVT		3	CGL 2016	08.02.17
			LA		3	CGL	08.02.17
			1 Phase CT		3	KAPCO 2016	
			3 Phase isolator	3 set		Switchgear & structural (india) pvt. Ltd. 2016	14.02.17
14	33	Birpur	C/R Panel		1	VENSON ELECTRIC	NA
			3 phase CB		1	SIEMENS 2017	22.11.17
			LA		3	LAMCO	07.11.17
			1 phase CT		3	Floral electrical pvt. Ltd.	04.05.11
			3 Phase isolator	3 SET		ELPRO international Ltd.	NA
15	33	Raghopur	C/R panel		1	Siemens	11.08.13
			3 phase CB		1	SIEMENS	11.08.13
			LA		3	CGL 2008	11.08.13
			3 Phase isolator	3 SET		SIEMENS 2009	
			1 phase CT		3	VIDYUT CO. SYSTEM	11.08.13
			PT		3	VIDYUT CO. SYSTEM	11.08.13

Sl no.	Voltage level (KV)	Name of bay	Name of equipment	Quantity	Make	d.o.c
16	132	BUSCOUPLER	C/R Panel	1		
			3 phase CB	1	ALSTOM	12.04.17

			1 Phase PT		3	VISHAL TR. & SWITCHGEAR PVT.LTD.2009	07.11.17
			LA		0		
			1 Phase CT		3	MEHRU	12.04.17
			3 Phase isolator	3(SET)		NAME PLATE NOT SHOWN(VERY OLD)	
17	33	BUSCOUPLER	C/R Panel		1	Hitachi	NA
			3 Phase CB		1	CGL 2013	NA
			PT		3	MEGAWIN	NA
			LA		3		NA
			1 Phase CT		3	MEHRU	08.04.17
			3 Phase isolator	3 set		ALLIANCE ENG.PVT.LTD	NA
18	33	Viratnagar 1	Line CR Panel		1	HITACHI	NA
			3 phase CB		1	CGL 2013	NA
			1 phase CVT	NA		NA	NA
			LA		3	LAMCO	29.12.16
			1 phase CT	NA		NA	NA
			3 Phase isolator		3	FARADAY	29.12.16
19	33	Viratnagar 2	C/R panel		1	HITACHI	NA
			3 phase CB		1	ALIND SWITCHGEAR 2008	NA
			PT				
			LA		3	LAMCO	30.12.16
			1 phase CT	NA		NA	NA
			3 Phase isolator		3	FARADAY	30.12.16
20	33	Rajviraj	C/R panel		1	HITACHI	NA
			3 phase CB		1	SIEMENS	22.11.17
			LA				
			1 PHASE CT				
			3 phase isolator		3	ALLIANCE ENG.PVT.LTD	VERY OLD
21	33	JAGDISHPUR	Line CR panel		1	Siemens	11.08.13
			3 PHASE CB		1	SIEMENS	11.08.13
			1 PHASE CT		3	VIDYUT CONTROL SYSTEM	11.08.13
			LA		3	CGL 2008	11.08.13
			ISOLATOR	3 SET		SIEMENS	11.08.13
			PT		3	VIDYUT CO SYSTEM	11.08.13

*

EQUIPMENT	QUANTITY	MAKE	D.O.C
1.SST	29.04.13		
2.ACDB	2	VIKAS Engineering	2013 & 2016
3.DCDB	2	VIKAS Engineering	2013 & 2016
4.PLCC PANEL	6	ABB	NA

5.Fire fighting

NA

NA

NA

BATTERY BANK AND CHARGER DEATAILS AT 132/33KVGSS KATAIYA.

Battery charger details:-

1.MAKE:-AZ ELECTRONICS PUNE 2013-14. SL NO-AZ/13-14/362 COMMISSIONING YEAR -2016

INPUT VOLTAGE -415+/-5%, 3 Phase. Capacity - 250v 200AH.STATUS –RUNNING.

2.MANUFACTURER:-CHLORIDE POWER SYSTEM& SOLUTION LTD .SL NO-3332/1 MAKE-2014.

CAPACITY:-250V 300AH.STATUS:-RUNNING (NO LOAD) NOTE-SPARE commissioning year-2016.

3.MANUFACTURER:- caldyne automatic pvt ltd Kolkata.sl no-2212/1 make -2010

Capacity-250v 300AH.STATUS-NOT WORKING (INTERNAL DEFECT).

4.110 V Battery charger:-very old no plate not available. status- running.

5.48 v battery charger

Manufacturer-caldyne automatic ltd sl no-1082/3 make-2004. Capacity-48v 300AH.

Status-not working (defective).

Battery bank details:-

1.250V 300AH. NO.OF battery-113. MAKE-EXIDE. YEAR-2010

2.250V 300AH(DRY CELL). No of battery-120.make-exide.

3.110v 200ah no of battery-53. Make –TAURUS. Commissioning year-2016.

4.48v battery bank not available.

Sample format for GSS land assets

----- GSS Kataiya

	LOCATION	Kataiya bhimnagar
1	Name of GSS	132/33kv GSS Kataiya
2	Located at (Name of locality)	Kataiya
3	Block/Prakhand	Basantpur
4	Police Station (Thana)	Bhimnagar thana no 1
5	Sub-Division	Birpur
6	District	Supaul
7	Transmission Division	Birpur
8	Transmission Circle	Koshi(Madhepura)
9	GPS Co-ordinates	Lattitude 26.4 longitude 86.95
	LAND DETAILS	
10	Initial Area (In Acre)	5.5
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	
	(ii) Private Land	NA
	If Private Land, Whether	
	(i) Purchased	NA
	(ii) Acquired	NA
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2012
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	NA
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	1.5 acre
17	Cost	NA
20	Year of Purchase/lease of extra land	2014
21	Total area at present	7 acre
	Details of Land (Khata/Khesara)	
	Thana No.	339/2280
	Name of Municipality/Nagar Parishad etc.	NA
	Ward No./Circle No./ Holding No.	NA
	Amount of Early Land related Taxes	NA
	Taxes clear up to	NA
22	Land Records available with	

Details of Existing Equipment

Name of Circle: Koshi(Madhepura)

Name of GSS:Saharsa

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				
			3 Phase Circuit Breaker				
			1-Ph CVT				
			LA				
			1-Ph Current Transformer				
		3 Phase Isolator with/without Earth switch					
		2nd bay..	Line control & relay panel with Distance protection & O/C E/F protection				
			3 Phase Circuit Breaker				
			1-Ph CVT				
	LA						
	1-Ph Current Transformer						
	220/132 KV Transformer bay(HV)	1st bay..	Transformer control & relay panel with Differential protection & O/C E/F protection				
			3 Phase Circuit Breaker				
LA							
1-Ph Current Transformer							
3 Phase Isolator with/without Earth switch							
220/132 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection					
		3 Phase Circuit Breaker					
		LA					
		1-Ph Current Transformer					
		3 Phase Isolator with/without Earth switch					
220 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection					
		3 Phase Circuit Breaker					
		1 Ph PT					
		LA					
		1-Ph Current Transformer					

		3 Phase Isolator with/without Earth switch			
132 KV Line bay	1st bay(Banmankhi)	Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	14-07-2016
		3 Phase Circuit Breaker	1	Simens	2010
		1 Ph CVT	3	Alstom	19-09-2016
		LA	3	Lamco industries	25-06-2015
		1-Ph Current Transformer	3	Bhel	2005
		3 Phase Isolator with/without Earth switch	3	faraday electrical	04-06-2015
132 KV Line bay	d bay (Udakishunga)	Line control & relay panel with Distance protection & O/C E/F protection	1	easun reyrolle	2005
		3 Phase Circuit Breaker	1	CGL	2005
		1 Ph CVT	3	CGL	2005
		LA	3	CGL	2005
		1-Ph Current Transformer	3	CGL	2005
		3 Phase Isolator with/without Earth switch	3	Elpro	2005
132 KV Line bay	d bay(Kanochar-1 Ne)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132 KV Line bay	th bay(Madhepura)	Line control & relay panel with Distance protection & O/C E/F protection	1	easun reyrolle	2005
		3 Phase Circuit Breaker	1	CGL	2005
		1 Ph CVT	3	CGL	2005
		LA	3	CGL	2005
		1-Ph Current Transformer	3	CGL	2005
		3 Phase Isolator with/without Earth switch	3	Elpro	2005
	5th bay(Kanochar-2)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017

		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132 KV Line bay	6th bay(Kanohar-3)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	CGL	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132/33 KV Transformer bay(HV)	1st bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	02-04-2015
		3 Phase Circuit Breaker	1	Alstom	31-01-2015
		LA	3	Lamco industries limited	23-06-2015
		1-Ph Current Transformer	3	Heptacare	02-04-2015
		3 Phase Isolator with/without Earth switch	3	faraday electricals	31/01/2015,
132/33 KV Transformer bay(HV)	2nd bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	11-06-2015
		3 Phase Circuit Breaker	1	Alstom	12-05-2015
		LA	3	Lamco industries limited	23-06-2015
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	faraday electrical	12/05/2015, 11/02/2016
132/33 KV Transformer bay(LV)	1st bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	02-04-2015
		3 Phase Circuit Breaker	1	schnider electric	08-02-2015
		LA	3	Lamco industries	21-12-2015
		1-Ph Current Transformer	3	Advent Engineers	02-04-2015
		3 Phase Isolator with/without Earth switch	3	faraday electrical	04/04/2015, 28/01/2016
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	11-06-2015
		3 Phase Circuit Breaker	1	schnider electric	19-04-2015
		LA	3	Lamco industries	23-06-2015
		1-Ph Current Transformer	3	SCT Limited	07-06-2014

	2nd bay	3 Phase Isolator with/without Earth switch	3	faraday electrical	19-04-2015
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	31-01-2015
		3 Phase Circuit Breaker	1	Alstom	31-01-2015
		1 Ph PT	3	Mehru Electrical	20-06-2015
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	Bhel	
		3 Phase Isolator with/without Earth switch	2	faraday electrical	20-06-2015
33 KV Feeder	1st bay(Nayabazar)	Line control & relay panel with O/C E/F protection	1	Alstom	31-01-2015
		3 Phase Circuit Breaker	1	schnider electric	13-02-2015
		LA	3	Lamco industries	25-06-2015
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	faraday electricals	30/06/2015, 21/12/2015
33 KV Feeder	2nd bay(Saharsa Old)	Line control & relay panel with O/C E/F protection	1	Venson	2008
		3 Phase Circuit Breaker	1	Simens	2008
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	Vidyut Control	2008
		3 Phase Isolator with/without Earth switch		Elpro	2008
33 KV Feeder	3rd bay(Kanohar-1 Ne)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
33 KV Feeder	4th bay(Balwahat)	Line control & relay panel with O/C E/F protection	1	Venson	2011
		3 Phase Circuit Breaker	1	Simens	2011
		LA	3	Lamco industries	2011
		1-Ph Current Transformer	3	Vidyut Control	2011
		3 Phase Isolator with/without Earth switch	3	electrolyte	2011
33 KV Feeder		Line control & relay panel with O/C E/F protection	1	Venson	2011
		3 Phase Circuit Breaker	1	Simens	2011
		LA	3	N/A	N/A

33 KV Feeder	5th bay(Sattarkataiy	1-Ph Current Transformer	3	Vidyut Control	2011
		3 Phase Isolator with/without Earth switch	3	electrolyte	2011
33 KV Feeder	6th bay(Kanohar-2)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
33 KV Feeder	7th bay(Kanohar-3)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	
		LA	3	Lamco industries limited	
		1-Ph Current Transformer	3	Heptacare	
		3 Phase Isolator with/without Earth switch	3	Simens	
33 KV Feeder	8th bay (kanohar-4)	Line control & relay panel with O/C E/F protection	1	Venson	
		3 Phase Circuit Breaker	1	CGL	
		LA	3	Lamco industries limited	
		1-Ph Current Transformer	3	Heptacare	
		3 Phase Isolator with/without Earth switch	3	Simens	
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	14-04-2015
		3 Phase Circuit Breaker	1	schnider electric	14-04-2015
		1 Ph PT	3	Mehru Electrical	23-04-2015
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	Faraday electrica	14-04-2015

Other Substation Equipments -

Battery Charger	1	1	Amara Raja	2014
	2	1	Chloride	2016
ACDB		1	Maktel	2016
DCDB(250V)		1	System Control a	2017
Battery bank	1	1	exide	2005
	2	1	exide	2016
DG set		N/A	N/A	N/A
PLCC Equipment	1.Isolator	N/A	N/A	N/A
	2. Battery Charger	1	HBLNife	
	3. Panel	3	alstom, BPL	
	4.telephone	N/A	N/A	N/A
Hydrant system with Pipe arrangement		N/A	N/A	N/A
Fire Fighting Equipment		N/A	N/A	N/A

	Earthing Rods	N/A	N/A	N/A
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)	10		
	Testing Equipments	3		
	Safety Gear(Helmet,Gloves,Boot, etc.)	1 SET	Gloves	
	SST	1	GE	
	Spare Hardware Fitting.			

Sample format for GSS land assets

GSS:- -220/132/33 KV MADHEPURA

LOCATION		
1	Name of GSS	220/132/33 KV Gss Madhepura
2	Located at (Name of locality)	Near BS college ,singheshwar
3	Block/Prakhand	Rupauli
4	Police Station (Thana)	singheshwar
5	Sub-Division	Madhepura
6	District	Madhepura
7	Transmission Division	Koshi(madhepura)
8	Transmission Circle	Koshi,(madhepura)
9	GPS Co-ordinates	Latitude-25.9986431,Longitude-86.7793324
LAND DETAILS		
10	Initial Area (In Acre)	18.532 ACRE(GOVT-11.842 +PVT-6.69)
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	GM AAM LAND
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	ACQUIRED
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2010
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	10181000/-
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	NO
16	Area of the extra land for GSS	
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	18.532 ACRE
	Details of Land (Khata/Khesara)	KHATA NO-2676/KHESARA- 19102,19103,19104,19105,19106,16133,16132,161 28,16127,16126,16125,16124,19140,19130,19129, 19121,19122,19119,19118,19116,19120,19115,191 14,19113,19107,19083,16138,16137,16136,16135, 16134,16131,16130,16129
	Thana No.	22
	Name of Municipality/Nagar Parishad etc.	MADHEPURA
	Ward No./Circle No./ Holding No.	WARDNO-08
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

Details of Existing Equipment

Name of Circle: Purnea

Name of GSS:132Kv/33Kv GSS Nirmali

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				
			3 Phase Circuit Breaker				
			1-Ph CVT				
			LA				
			1-Ph Current Transformer				
		3 Phase Isolator with/without Earth switch					
		2nd bay..	Line control & relay panel with Distance protection & O/C E/F protection				
			3 Phase Circuit Breaker				
			1-Ph CVT				
			LA				
1-Ph Current Transformer							
220/132 KV Transformer bay(HV)	1st bay..	Transformer control & relay panel with Differential protection & O/C E/F protection					
		3 Phase Circuit Breaker					
		LA					
		1-Ph Current Transformer					
220/132 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection					
		3 Phase Circuit Breaker					
		LA					
		1-Ph Current Transformer					
220 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection					
		3 Phase Circuit Breaker					
		1 Ph PT					
		LA					
		1-Ph Current Transformer					
132 KV Line bay		Line control & relay panel with Distance protection & O/C E/F protection	2	SEL	25-12-2016		
		3 Phase Circuit Breaker	2	ABB	25-12-2016		
		1 Ph CVT	6	CGL	25-12-2016		
		LA	6	Lamco	25-12-2016		
		1-Ph Current Transformer	6	SCT	25-12-2016		
		3 Phase Isolator with/without Earth switch	6	Faraday Electricals LTD.	25-12-2016		
132/33 KV Transformer bay(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	SEL	28-12-2016 & 7-2-2017		
		3 Phase Circuit Breaker	2	ABB	28-12-2016 & 7-2-2017		
		LA	6	Lamco	28-12-2016 & 7-2-2017		
		1-Ph Current Transformer	6	SCT	28-12-2016 & 7-2-2017		
		3 Phase Isolator with/without Earth switch	6	Faraday Electricals LTD.	28-12-2016 & 7-2-2017		
		Transformer control & relay panel with Differential protection & O/C E/F protection	2	SEL	28-12-2016 & 7-2-2017		

132/33 KV Transformer bay(LV)		3 Phase Circuit Breaker	2	Schneider	29-12-2016 & 8-2-2017
		LA	6	Lamco	28-12-2016 & 7-2-2017
		1-Ph Current Transformer	6	SCT	29-12-2016 & 8-2-2017
		3 Phase Isolator with/without Earth switch	6	Faraday Electricals LTD.	29-12-2016 & 7-2-2017
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	
		3 Phase Circuit Breaker	1	ABB	
		1 Ph PT	3	SCT	
		LA	0	Lamco	
		1-Ph Current Transformer	3	SCT	
33 KV Feeder		3 Phase Isolator with/without Earth switch	2	Faraday Electricals LTD.	
		Line control & relay panel with O/C E/F protection	4	SEL	11-06-2017
		3 Phase Circuit Breaker	4	Schneider	11-06-2017
		LA	4	Lamco	11-06-2017
		1-Ph Current Transformer	12	SCT	11-06-2017
33 KV Buscoupler		3 Phase Isolator with/without Earth switch	12	Faraday Electricals LTD.	11-06-2017
		Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	
		3 Phase Circuit Breaker	1	Schneider	
		1 Ph PT	3	SCT	
		LA	0		
	1-Ph Current Transformer	3	SCT		
	3 Phase Isolator with/without Earth switch	2	Faraday Electricals LTD.		

Other Substation Equipments -

Battery Charger	1	Automatic float and float cum boost	1	Chloride Power System & solutions ltd.	25-12-2016
	2	Automatic float and float cum boost	1	Chloride Power System & solutions ltd.	25-12-2016
ACDB			1	Asian Switchgear Pvt Ltd.	29-12-2016
DCDB(250V/48V)			(1/1)	Asian Switchgear Pvt Ltd.	25-12-2016
Battery bank	1	Dry cell (maintainence free)	1	Exide	25-12-2016
	2	Dry cell (maintainence free)	1	Exide	25-12-2016
DG set			1	Make Jakson and company, license by Kirloskar Oil Engines Ltd.	25-12-2016
PLCC Equipment	1.Isolator		0		
	2. Battery Charger		2	Chloride Power System & solutions ltd.	25-12-2016
	3. Panel		2	CGL	02-04-2018
	4.telephone		24	Beetel	02-04-2018
Hydrant system with Pipe arrangement			0		
Fire Fighting Equipment(Fire Extinguisher)			12	Gunnebo India Pvt. Ltd.	24-12-2016
Earthing Rods			6	Monarch Electronics	28-12-2016
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)			0		
Testing Equipments(BDV/Multimeter/Megger)			(1/1/1)	Motwani	28-12-2016
Safety Gear(Helmet,Gloves,Boot, etc.)			0		
SST			2	Marsons Ltd.	29-12-2016
Spare Hardware Fitting.(closing coil/tripping coil/moving contact/fixed contact)			(12/12/12/12)	ABB,Schneider,farady	not used yet

Sample format for GSS land assets

GSS:- 132/33KV GSS Nirmali

LOCATION		
1	Name of GSS	Nirmali
2	Located at (Name of locality)	Village-khusyali
3	Block/Prakhand	Marauna
4	Police Station (Thana)	Marauna
5	Sub-Division	Nirmali
6	District	Supaul
7	Transmission Division	Birpur
8	Transmission Circle	Koshi/Madhepura
9	GPS Co-ordinates	26°17'N 86°26'E
LAND DETAILS		
10	Initial Area (In Acre)	4.176 acre(approx.)
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	Yes(Administration)
	(ii) Private Land	No
	If Private Land, Whether	
	(i) Purchased	NA
	(ii) Acquired	NA
	(iii) Leased Land	NA
12	Year of Purchase/Acquisition	2015
13	Whether mutation completed	Information not available.
14	Cost of the Land (At the time of procurement)	NA
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	No
16	Area of the extra land for GSS	NA
17	Cost	NA
20	Year of Purchase/lease of extra land	NA
21	Total area at present	3.666 acre(approx.)
	Details of Land (Khata/Khesara)	Information not available.
	Thana No.	Information not available.
	Name of Municipality/Nagar Parishad etc.	Information not available.
	Ward No./Circle No./ Holding No.	Ward no-11
	Amount of Early Land related Taxes	Information not available.
	Taxes clear up to	Information not available.
22	Land Records available with	Information not available.

Details of Existing Equipment

Name of Circle: Koshi(Madhepura)

Name of GSS:Saharsa

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		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
			1-Ph Current Transformer		
		2nd bay..	3 Phase Isolator with/without Earth switch		
			Line control & relay panel with Distance protection & O/C E/F protection		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
220/132 KV Transformer bay(HV)	1st bay..	1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220/132 KV Transformer bay(LV)		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220 KV Buscoupler bay		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Line control & relay panel with Distance protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		1 Ph PT			
		LA			

		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
132 KV Line bay	1st bay(Banmankhi)	Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	14-07-2016
		3 Phase Circuit Breaker	1	Simens	2010
		1 Ph CVT	3	Alstom	19-09-2016
		LA	3	Lamco industries	25-06-2015
		1-Ph Current Transformer	3	Bhel	2005
		3 Phase Isolator with/without Earth switch	3	faraday electrical	04-06-2015
132 KV Line bay	d bay (Udakishunga)	Line control & relay panel with Distance protection & O/C E/F protection	1	easun reyrolle	2005
		3 Phase Circuit Breaker	1	CGL	2005
		1 Ph CVT	3	CGL	2005
		LA	3	CGL	2005
		1-Ph Current Transformer	3	CGL	2005
		3 Phase Isolator with/without Earth switch	3	Elpro	2005
132 KV Line bay	d bay(Kanochar-1 Ne)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132 KV Line bay	th bay(Madhepura)	Line control & relay panel with Distance protection & O/C E/F protection	1	easun reyrolle	2005
		3 Phase Circuit Breaker	1	CGL	2005
		1 Ph CVT	3	CGL	2005
		LA	3	CGL	2005
		1-Ph Current Transformer	3	CGL	2005
		3 Phase Isolator with/without Earth switch	3	Elpro	2005
	5th bay(Kanochar-2)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017

		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132 KV Line bay	6th bay(Kanohar-3)	Line control & relay panel with Distance protection & O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		1 Ph CVT	3	CGL	10-07-2017
		LA	3	CGL	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
132/33 KV Transformer bay(HV)	1st bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	02-04-2015
		3 Phase Circuit Breaker	1	Alstom	31-01-2015
		LA	3	Lamco industries limited	23-06-2015
		1-Ph Current Transformer	3	Heptacare	02-04-2015
		3 Phase Isolator with/without Earth switch	3	faraday electricals	31/01/2015,
132/33 KV Transformer bay(HV)	2nd bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	11-06-2015
		3 Phase Circuit Breaker	1	Alstom	12-05-2015
		LA	3	Lamco industries limited	23-06-2015
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	faraday electricals	12/05/2015, 11/02/2016
132/33 KV Transformer bay(LV)	1st bay	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	02-04-2015
		3 Phase Circuit Breaker	1	schnider electric	08-02-2015
		LA	3	Lamco industries	21-12-2015
		1-Ph Current Transformer	3	Advent Engineers	02-04-2015
		3 Phase Isolator with/without Earth switch	3	faraday electricals	04/04/2015, 28/01/2016
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Alstom	11-06-2015
		3 Phase Circuit Breaker	1	schnider electric	19-04-2015
		LA	3	Lamco industries	23-06-2015

	2nd bay	1-Ph Current Transformer	3	SCT Limited	07-06-2014
		3 Phase Isolator with/without Earth switch	3	faraday electrical	19-04-2015
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	31-01-2015
		3 Phase Circuit Breaker	1	Alstom	31-01-2015
		1 Ph PT	3	Mehru Electrical	20-06-2015
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	Bhel	
		3 Phase Isolator with/without Earth switch	2	faraday electrical	20-06-2015
33 KV Feeder	1st bay(Nayabazar)	Line control & relay panel with O/C E/F protection	1	Alstom	31-01-2015
		3 Phase Circuit Breaker	1	schnider electric	13-02-2015
		LA	3	Lamco industries	25-06-2015
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	faraday electricals	30/06/2015, 21/12/2015
33 KV Feeder	2nd bay(Saharsa Old)	Line control & relay panel with O/C E/F protection	1	Venson	2008
		3 Phase Circuit Breaker	1	Simens	2008
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	Vidyut Control	2008
		3 Phase Isolator with/without Earth switch		Elpro	2008
33 KV Feeder	3rd bay(Kanohar-1 Ne)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
33 KV Feeder	4th bay(Balwahat)	Line control & relay panel with O/C E/F protection	1	Venson	2011
		3 Phase Circuit Breaker	1	Simens	2011
		LA	3	Lamco industries	2011
		1-Ph Current Transformer	3	Vidyut Control	2011
		3 Phase Isolator with/without Earth switch	3	electrolyte	2011
		Line control & relay panel with O/C E/F protection	1	Venson	2011
		3 Phase Circuit Breaker	1	Simens	2011

33 KV Feeder	5th bay(Sattarkataiy	LA	3	N/A	N/A
		1-Ph Current Transformer	3	Vidyut Control	2011
		3 Phase Isolator with/without Earth switch	3	electrolyte	2011
33 KV Feeder	6th bay(Kanohar-2)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	10-07-2017
		LA	3	Lamco industries	10-07-2017
		1-Ph Current Transformer	3	Heptacare	10-07-2017
		3 Phase Isolator with/without Earth switch	3	Simens	10-07-2017
33 KV Feeder	7th bay(Kanohar-3)	Line control & relay panel with O/C E/F protection	1	Venson	10-07-2017
		3 Phase Circuit Breaker	1	CGL	
		LA	3	Lamco industries limited	
		1-Ph Current Transformer	3	Heptacare	
		3 Phase Isolator with/without Earth switch	3	Simens	
33 KV Feeder	8th bay (kanohar-4)	Line control & relay panel with O/C E/F protection	1	Venson	
		3 Phase Circuit Breaker	1	CGL	
		LA	3	Lamco industries limited	
		1-Ph Current Transformer	3	Heptacare	
		3 Phase Isolator with/without Earth switch	3	Simens	
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	Alstom	14-04-2015
		3 Phase Circuit Breaker	1	schnider electric	14-04-2015
		1 Ph PT	3	Mehru Electrical	23-04-2015
		LA	N/A	N/A	N/A
		1-Ph Current Transformer	3	SCT Limited	
		3 Phase Isolator with/without Earth switch	3	Faraday electrica	14-04-2015

Other Substation Equipments -

Battery Charger	1	1	Amara Raja	2014
	2	1	Chloride	2016
ACDB		1	Maktel	2016
DCDB(250V)		1	System Control a	2017
Battery bank	1	1	exide	2005
	2	1	exide	2016
DG set		N/A	N/A	N/A
PLCC Equipment	1.Isolator	N/A	N/A	N/A
	2. Battery Charger	1	HBLNife	
	3. Panel	3	alstom, BPL	
	4.telephone	N/A	N/A	N/A
Hydrant system with Pipe arrangement		N/A	N/A	N/A

	Fire Fighting Equipment	N/A	N/A	N/A
	Earthing Rods	N/A	N/A	N/A
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)	10		
	Testing Equipments	3		
	Safety Gear(Helmet,Gloves,Boot, etc.)	1 SET	Gloves	
	SST	1	GE	
	Spare Hardware Fitting.			

Sample format for GSS land assets

GSS:- Saharsa

	LOCATION	
1	Name of GSS	Saharsa
2	Located at (Name of locality)	Near Matasyagandha
3	Block/Prakhand	Sattarkatiya
4	Police Station (Thana)	Saharsa Sadar
5	Sub-Division	Saharsa
6	District	Saharsa
7	Transmission Division	Koshi(Madhepura)
8	Transmission Circle	Koshi(Madhepura)
9	GPS Co-ordinates	25.899809, 86.593037
	LAND DETAILS	
10	Initial Area (In Acre)	Approx 7 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	N/A
13	Whether mutation completed	
14	Cost of the Land (At the time of procurement)	N/A
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	No
16	Area of the extra land for GSS	No
17	Cost	No
20	Year of Purchase/lease of extra land	No
21	Total area at present	Approx 7 Acre
	Details of Land (Khata/Khesara)	
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Saharsa
	Ward No./Circle No./ Holding No.	Ward no 1
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

Details of Existing Equipment

Name of Circle: koshi(madhepura)

Name of GSS:Simri Bakhtiyarpur

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		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
			1-Ph Current Transformer		
		2nd bay..	3 Phase Isolator with/without Earth switch		
			Line control & relay panel with Distance protection & O/C E/F protection		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
220/132 KV Transformer bay(HV)	1st bay..	1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220/132 KV Transformer bay(LV)		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220 KV Buscoupler bay		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Line control & relay panel with Distance protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		1 Ph PT			
		LA			

		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
132 KV Line bay	1st bay(sonbarsa)	Line control & relay panel with Distance protection & O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	ABB	2017
		1 Ph CVT	3	SCT LIMITED GHA	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	3	FARADAY	2017
132/33 KV Transformer bay(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	ABB	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	3	FARADAY	2017
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	CG	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	3	FARADAY	2017
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	ABB	2017
		1 Ph PT	3	SCT LIMITED GHA	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	2	FARADAY	2017
33 KV Feeder	1ST BAY(BANMA)	Line control & relay panel with O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	CG	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	3	FARADAY	2017

33 KV Feeder	2nd BAY (SIMRI BAKHTIYA4PUR)	Line control & relay panel with O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	CG	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	3	FARADAY	2017
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	CG, CGZIV	2017
		3 Phase Circuit Breaker	1	CG	2017
		1 Ph PT	3	SCT LIMITED GHA	2017
		LA	3	CG	2017
		1-Ph Current Transformer	3	SCT LIMITED GHA	2017
		3 Phase Isolator with/without Earth switch	2	FARADAY	2017

Other Substation Equipments -

Battery Charger	1	1	CHLORIDE	2017
	2	1	CHLORIDE	2017
ACDB		1	ASIAN SWITCH G	2017
DCDB(110V/48V)		1	ASIAN SWITCH G	2017
Battery bank	1	1	EXIDE	2017
	2	1	EXIDE	2017
DG set		1	KIRLOSKAR	2017
PLCC Equipment	1.Isolator	N/A	N/A	N/A
	2. Battery Charger	N/A	N/A	N/A
	3. Panel	N/A	N/A	N/A
	4.telephone	N/A	N/A	N/A
Hydrant system with Pipe arrangement		N/A	N/A	N/A
Fire Fighting Equipment		3	CHAWLA	
Earthing Rods		6		
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)				
Testing Equipments				
Safety Gear(Helmet,Gloves,Boot, etc.)				
SST		2	EAST INDIA	2017
Spare Hardware Fitting.				

Sample format for GSS land assets

GSS:- -----Simri Bakhtiyarpur-----

LOCATION		
1	Name of GSS	Simri Bakhtiyarpur
2	Located at (Name of locality)	matha
3	Block/Prakhand	salkhua
4	Police Station (Thana)	Salkhua
5	Sub-Division	Simri Bakhtiyarpur
6	District	Saharsa
7	Transmission Division	Koshi (Madhepura)
8	Transmission Circle	Koshi(Madhepura)
9	GPS Co-ordinates	25 ⁰ 39'56.02" N, 86 ⁰ 37'10.07" E
LAND DETAILS		
10	Initial Area (In Acre)	Approx 3 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	
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	Approx 3 Acre
	Details of Land (Khata/Khesara)	Khesra no- 1068, 1079
	Thana No.	335
	Name of Municipality/Nagar Parishad etc.	
	Ward No./Circle No./ Holding No.	2
	Amount of Early Land related Taxes	
	Taxes clear up to	
22	Land Records available with	

Details of Existing Equipment

Name of Circle: **KOSHI**

Name of GSS: **132/33 KV GSS SONBARSA**

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	
	132 KV Line Bay	132Kv Kusheswarsthan ckt-1	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	14.10.2015
			3 Phase Circuit Breaker	1	SIMENS	14.10.2015
			1-Ph CVT	3	Alstom T&D india ltd	14.10.2015
			LA	3	Lamco industries pvt ltd	14.10.2015
			1-Ph Current Transformer	3	SCT Limited.	14.10.2015
			3 Phase Isolator with/without Earth switch	3	SIMENS	14.10.2015
		132Kv Kusheswarsthan ckt-2(After Bay Shifting)	Line control & relay panel with Distance protection & O/C E/F protection	1	SIMENS	17.02.2014
			3 Phase Circuit Breaker	1	SIMENS	17.02.2014
			1-Ph CVT	3	CGL	17.02.2014
			LA	3	CGL	17.02.2014
			1-Ph Current Transformer	3	CGL	17.02.2014
		132kv Madhepura ckt-1(After Bay Shifting)	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	14.10.2015
			3 Phase Circuit Breaker	1	SIMENS	14.10.2015
			1-Ph CVT	3	Alstom T&D india ltd	14.10.2015
			LA	3	Lamco industries pvt ltd	14.10.2015
			1-Ph Current Transformer	3	SCT Limited.	14.10.2015
			3 Phase Isolator with/without Earth switch	3	SIMENS	14.10.2015
		132KV Madhepura ckt-2(After Bay Shifting)	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	14.10.2015
			3 Phase Circuit Breaker	1	SIMENS	14.10.2015
			1-Ph CVT	3	Alstom T&D india ltd	14.10.2015
			LA	3	Lamco industries pvt ltd	14.10.2015
	1-Ph Current Transformer		3	SCT Limited.	14.10.2015	
	3 Phase Isolator with/without Earth switch		3	SIMENS	14.10.2015	
		Line control & relay panel with Distance protection & O/C E/F protection	1	System control & Automation Pvt Ltd.	09.10.2017	

	132KV Simribakhtiyarpur	3 Phase Circuit Breaker	1	SIMENS	09.10.2017
		1-Ph CVT	3	SIMENS	09.10.2017
		LA	3	CGL	09.10.2017
		1-Ph Current Transformer	3	SCT Limited.	09.10.2017
		3 Phase Isolator with/without Earth switch	3	SIMENS	09.10.2017
	132KV Udakishanganj ckt-1(After Bay Shifting)	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	14.10.2015
		3 Phase Circuit Breaker	1	SIMENS	14.10.2015
		1-Ph CVT	3	Alstom T&D india Ltd	14.10.2015
		LA	3	Lamco industries pvt Ltd	14.10.2015
		1-Ph Current Transformer	3	SCT Limited.	14.10.2015
		3 Phase Isolator with/without Earth switch	3	SIMENS	14.10.2015
	132KV Udakisanganj ckt- 2(After Bay Shifting)	Line control & relay panel with Distance protection & O/C E/F protection	1	System control & Automation Pvt Ltd.	14.02.2017
		3 Phase Circuit Breaker	1	CGL	14.02.2017
		1-Ph CVT	3	CGL	14.02.2017
		LA	3	CGL	14.02.2017
1-Ph Current Transformer		3	SCT Limited.	14.02.2017	
3 Phase Isolator with/without Earth switch		3	J.D ELECTRICALS	14.02.2017	
132/33 KV Transformer bay:-01(HV)	Transformer No:- 01	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SIMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIMENS	17.02.2014
		LA	3	CGL	17.02.2014
		1-Ph Current Transformer	3	CGL	17.02.2014
		3 Phase Isolator with/without Earth switch	3	SIMENS	17.02.2014
132/33 KV Transformer bay:-01(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	SIEMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIEMENS	17.02.2014
		LA	3	CGL	17.02.2014
		1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	17.02.2014
		3 Phase Isolator with/without Earth switch	3	SIEMENS	17.02.2014
132/33 KV Transformer bay:-02(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	18.05.2014
		3 Phase Circuit Breaker	1	SIMENS	18.05.2014
		LA	3	CGL	18.05.2014

		1-Ph Current Transformer	3	CGL	18.05.2014
		3 Phase Isolator with/without Earth switch	3	SIMENS	18.05.2014
132/33 KV Transformer bay:-02(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	1	ABB	18.05.2014
		3 Phase Circuit Breaker	1	SIMENS	18.05.2014
		LA	3	CGL	18.05.2014
		1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	18.05.2014
		3 Phase Isolator with/without Earth switch	3	SIEMENS	18.05.2014
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	SIMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIMENS	17.02.2014
		1 Ph PT	3	CGL	17.02.2014
		LA	NA	NA	NA
		1-Ph Current Transformer	3	CGL	17.02.2014
33 KV Feeder	33KV SONBARSA	Line control & relay panel with O/C E/F protection	1	SIMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIEMENS	17.02.2014
		LA	3	CGL	17.02.2014
		1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	17.02.2014
		3 Phase Isolator with/without Earth switch	3	SIEMENS	17.02.2014
33 KV Feeder	33KV SAURBAZAR	Line control & relay panel with O/C E/F protection	1	SIMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIEMENS	17.02.2014
		LA	3	CGL	17.02.2014
		1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	17.02.2014
		3 Phase Isolator with/without Earth switch	3	SIEMENS	17.02.2014
33 KV Feeder	33KV ROUTA	Line control & relay panel with O/C E/F protection	1	SIMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIEMENS	17.02.2014
		LA	3	CGL	17.02.2014
		1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	17.02.2014
		3 Phase Isolator with/without Earth switch	3	SIEMENS	17.02.2014
		Line control & relay panel with Distance protection & O/C E/F protection	1	SIEMENS	17.02.2014
		3 Phase Circuit Breaker	1	SIEMENS	17.02.2014

33 KV Buscoupler	1 Ph PT	3	Vidyuth control system pvt ltd.	17.02.2014
	LA	NA	NA	NA
	1-Ph Current Transformer	3	Vidyuth control system pvt ltd.	17.02.2014
	3 Phase Isolator with/without Earth switch	3	SIEMENS	17.02.2014

Other Substation Equipments -

Battery Charger	1	250v	1	Amara Raza Power System Ltd.	17.02.2014
	2	250v	1	Chloride Power system & solution ltd.	08.10.2018
	3	48v	1	Amara Raza Power System Ltd.	17.02.2014
ACDB			3	Maktel System/vikas Power Equipment/System control automation pvt. Ltd.	17.02.2014/ 14.02.2017/ 09.10.2017
DCDB(250V/48V)			3	Maktel System/vikas Power Equipment	17.02.2014/ 14.02.2017
Battery bank	1	250v	2	HBL Power System Ltd.	17.02.2014
	2	48v	1	HBL Power System Ltd.	17.02.2014
DG set(100kva)			1	Jakson limited	17.02.2014
PLCC Equipment	1.Isolator		NA	NA	NA
	2. Battery Charger		2	amara raza	17.02.2014
	3. Panel		14	ABB,BPL,CGL	17.02.2014
	4.telephone		2	ABB,BPL	NA
Hydrant system with Pipe arrangement			NA	NA	NA
Fire Fighting Equipment			12	NA	NA
Earthing Rods				NA	NA
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)			15	NA	NA
Testing Equipments			6	NA	NA
Safety Gear(Helmet,Gloves,Boot, etc.)			3	NA	NA
SST			1	vijay electricals	17.02.2014
Spare Hardware Fitting.			NA	NA	NA

Sample format for GSS land assets

GSS:- SONBARSA

	LOCATION	Bhabtiya
1	Name of GSS	Sonbarsa
2	Located at (Name of locality)	Routa khem
3	Block/Prakhand	Saubazar
4	Police Station (Thana)	Saubazar
5	Sub-Division	Sonbarsa
6	District	Saharsa
7	Transmission Division	Birpur
8	Transmission Circle	Purnea
9	GPS Co-ordinates	25.77486333,86.67285333
	LAND DETAILS	Private land
10	Initial Area (In Acre)	
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	
	(ii) Private Land	Yes
	If Private Land, Whether	
	(i) Purchased	8.38
	(ii) Acquired	
	(iii) Leased Land	
12	Year of Purchase/Acquisition	04-02-2010
13	Whether mutation completed	04-12-2012
14	Cost of the Land (At the time of procurement)	34226671/-
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	Nil
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	8.38
	Details of Land (Khata/Khesara)	
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Raita khem 126
	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: Koshi (Madhepura)

Name of GSS: Supaul

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	
1	132 KV Line bay	Madhepura - Supaul circuit 1	Line control & relay panel with Distance protection & O/C E/F protection	1	SIEMENS	15/02/2006
			3 Phase Circuit Breaker	1	SIEMENS	15/02/2006
			1 Ph CVT	3	CGL	15/02/2006
			LA	3	CGL	15/02/2006
			1-Ph Current Transformer	3	CGL	15/02/2006
			3 Phase Isolator with/without Earth switch	3	SIEMENS	15/02/2006
2	132 KV Line bay	Madhepura - Supaul circuit 2	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	29/01/2013
			3 Phase Circuit Breaker	1	SIEMENS	29/01/2013
			1 Ph CVT	3	CGL	29/01/2013
			LA	3	CGL	29/01/2013
			1-Ph Current Transformer	3	CGL	29/01/2013
			3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	29/01/2013
3	132 KV Line bay	Supaul-Kataiya circuit 1	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	29/01/2013
			3 Phase Circuit Breaker	1	SIEMENS	29/01/2013
			1 Ph CVT	3	CGL	29/01/2013
			LA	3	CGL	29/01/2013
			1-Ph Current Transformer	3	CGL	29/01/2013
			3 Phase Isolator with/without Earth switch	3	SIEMENS	29/01/2013
4	132 KV Line bay	Supaul-Kataiya circuit 2	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	29/01/2013
			3 Phase Circuit Breaker	1	ABB	29/01/2013
			1 Ph CVT	3	CGL	29/01/2013
			LA	3	CGL	29/01/2013
			1-Ph Current Transformer	3	CGL	29/01/2013
			3 Phase Isolator with/without Earth switch	3	SIEMENS	29/01/2013
	132 KV Line bay	Supaul-Phulparash	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	N/A
			3 Phase Circuit Breaker	1	CGL	N/A
			1 Ph CVT	3	CGL	N/A
			LA	3	CGL	N/A
			1-Ph Current Transformer	3	CGL	N/A
			3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	N/A

132 KV Line bay	Supaul-Nirmali	Line control & relay panel with Distance protection & O/C E/F protection	1	ABB	N/A
		3 Phase Circuit Breaker	1	ABB	N/A
		1 Ph CVT	3	CGL	N/A
		LA	3	CGL	16/06/2018
		1-Ph Current Transformer	3	CGL	N/A
		3 Phase Isolator with/without Earth switch	3	SIEMENS	N/A
132/33 KV Transformer bay(HV)	Transformer 1	Transformer control & relay panel with Differential protection & O/C E/F protection	2	Micom & ERL	01-07-2016
		3 Phase Circuit Breaker	1	CGL	25/02/2018
		LA	3	CGL	
		1-Ph Current Transformer	3	CGL	15/02/2006
		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	15/02/2006
132/33 KV Transformer bay(HV)	Transformer 2	Transformer control & relay panel with Differential protection & O/C E/F protection	2	Micom & ERL	01-07-2016
		3 Phase Circuit Breaker	1	CGL	15/02/2006
		LA	3	CGL	15/02/2006
		1-Ph Current Transformer	3	CGL	15/02/2006
		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	15/02/2006
132/33 KV Transformer bay(HV)	Transformer 3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	GE	08-10-2015
		3 Phase Circuit Breaker	1	CGL	08-10-2015
		LA	3	CGL	08-10-2015
		1-Ph Current Transformer	3	Heptacare Power Industries Ltd.	08-10-2015
		3 Phase Isolator with/without Earth switch	3	SIEMENS	08-10-2015
132/33 KV Transformer bay(LV)	Transformer 1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	REL	15/02/2006
		3 Phase Circuit Breaker	1	CGL	15/02/2006
		LA	3	CGL	15/02/2006
		1-Ph Current Transformer	3	Vidyut Control system Pvt Ltd.	15/02/2006
		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	15/02/2006
132/33 KV Transformer bay(LV)	Transformer 2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	ERL	15/02/2006
		3 Phase Circuit Breaker	1	CGL	15/02/2006
		LA	3	CGL	15/02/2006
		1-Ph Current Transformer	3	Vidyut Control system Pvt Ltd.	15/02/2006

		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	15/02/2006
132/33 KV Transformer bay(LV)	Transformer 3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	GE	08-10-2015
		3 Phase Circuit Breaker	1	CGL	08-10-2015
		LA	3	CGL	08-10-2015
		1-Ph Current Transformer	3	Heptacare Power Industries Ltd.	08-10-2015
		3 Phase Isolator with/without Earth switch	3	SIEMENS	08-10-2015
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	ERL	02-12-2016
		3 Phase Circuit Breaker	1	CGL	03-12-2016
		1 Ph PT	3	CGL	04-12-2016
		LA	3	CGL	05-12-2016
		1-Ph Current Transformer	3	CGL	06-12-2016
		3 Phase Isolator with/without Earth switch	2	ELPRO Int. Ltd	07-12-2016
33 KV Feeder	Supaul	Line control & relay panel with O/C E/F protection	1	ERL	08-12-2016
		3 Phase Circuit Breaker	1	CGL	09-12-2016
		LA	3	CGL	
		1-Ph Current Transformer	3	LAMCO Indust. Pvt. Ltd.'	22/11/2016
		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	09-12-2016
33 KV Feeder	Pipra	Line control & relay panel with O/C E/F protection	1	SEL	15/12/2017
		3 Phase Circuit Breaker	1	CGL	15/12/2017
		LA	3	CGL	15/12/2017
		1-Ph Current Transformer	3	SCT Ltd.	15/12/2017
		3 Phase Isolator with/without Earth switch	3	FARADAY ELECTRICALS PVT. LTD	15/12/2017
33 KV Feeder	Hardi	Line control & relay panel with O/C E/F protection	1	ERL	15/02/2006
		3 Phase Circuit Breaker	1	Stelmec	15/02/2006
		LA	3	CGL	
		1-Ph Current Transformer	3	Modern Electronics	18/09/2017
		3 Phase Isolator with/without Earth switch	3	ELPRO Int. Ltd	15/02/2006
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	ERL	15/02/2006
		3 Phase Circuit Breaker	1	CGL	15/02/2006
		1 Ph PT	3	Vidyut Control system Pvt Ltd.	15/02/2006

		LA	3	CGL	15/02/2006
		1-Ph Current Transformer	3	Vidyut Control system Pvt Ltd.	15/02/2006
		3 Phase Isolator with/without Earth switch	2	ELPRO Int. Ltd	15/02/2006

Other Substation Equipments -

	Battery Charger	1	1	AMARARAJA	30/08/2018
		2	1	CLORIDE	N/A
	ACDB		1	VIKAS ENGINEERING ASSOCIATE	15/02/2006
	DCDB(110V/48V)		1	VIKAS ENGINEERING ASSOCIATE	15/02/2006
	Battery bank	1	1	TARUS	15/02/2006
		2	1	TARUS	15/02/2006
	DG set		1	JAKSONS LIMITED	15/02/2006
	PLCC Equipment	1.Isolator	N/A	N/A	N/A
		2. Battery Charger	N/A	N/A	N/A
		3. Panel	N/A	N/A	N/A
		4.telephone	N/A	N/A	N/A
	Hydrant system with Pipe arrangement		N/A	N/A	N/A
	Fire Fighting Equipment		11	N/A	N/A
	Earthing Rods		3	N/A	N/A
	Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)		2 SET	N/A	N/A
	Testing Equipments		2	N/A	N/A
	Safety Gear(Helmet,Gloves,Boot, etc.)		4	N/A	N/A
	SST		2	N/A	N/A
	Spare Hardware Fitting.		10	N/A	N/A

GSS land assets

GSS:- Supaul

LOCATION		
1	Name of GSS	132/33 kv GSS Supaul
2	Located at (Name of locality)	Supaul
3	Block/Prakhand	Supaul
4	Police Station (Thana)	Supaul
5	Sub-Division	Supaul
6	District	Supaul
7	Transmission Division	Supaul
8	Transmission Circle	Koshi (Madhepura)
9	GPS Co-ordinates	Latitude: 26.1269191 Longitude: 86.6079538
LAND DETAILS		
10	Initial Area (In Acre)	Details N/A at Sub-Division Supaul
11	Whether it was:	Details N/A at Sub-Division Supaul
	(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	Details N/A at Sub-Division Supaul
13	Whether mutation completed	Details N/A at Sub-Division Supaul
14	Cost of the Land (At the time of procurement)	Details N/A at Sub-Division Supaul
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	Details N/A at Sub-Division Supaul
16	Area of the extra land for GSS	Details N/A at Sub-Division Supaul
17	Cost	Details N/A at Sub-Division Supaul
20	Year of Purchase/lease of extra land	Details N/A at Sub-Division Supaul
21	Total area at present	Details N/A at Sub-Division Supaul
	Details of Land (Khata/Khesara)	
	Thana No.	
	Name of Municipality/Nagar Parishad etc.	Nagar parishad Supaul
	Ward No./Circle No./ Holding No.	Ward No 4
	Amount of Early Land related Taxes	Details N/A at Sub-Division Supaul
	Taxes clear up to	Details N/A at Sub-Division Supaul
22	Land Records available with	

Details of Existing Equipment

Name of Circle: PURNEA

Name of GSS: 132/33KV GSS TRIVENIGANJ

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		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
			1-Ph Current Transformer		
		2nd bay..	3 Phase Isolator with/without Earth switch		
			Line control & relay panel with Distance protection & O/C E/F protection		
			3 Phase Circuit Breaker		
			1-Ph CVT		
			LA		
220/132 KV Transformer bay(HV)	1st bay..	1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220/132 KV Transformer bay(LV)		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Transformer control & relay panel with Differential protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		LA			
220 KV Buscoupler bay		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
		Line control & relay panel with Distance protection & O/C E/F protection			
		3 Phase Circuit Breaker			
		1 Ph PT			
		LA			

		1-Ph Current Transformer			
		3 Phase Isolator with/without Earth switch			
132 KV Line bay		Line control & relay panel with Distance protection & O/C E/F protection	2	SEL	02-02-2017
		3 Phase Circuit Breaker	2	ABB	02-02-2017
		1 Ph CVT	6	5(CROMPTOM GREAVES),1(ALS TOM)	02-02-2017
		LA	6	LAMCO	02-02-2017
		1-Ph Current Transformer	6	SCT	02-02-2017
		3 Phase Isolator with/without Earth switch	6	FARADAY ELECTRICAL(P) LTD.	02-02-2017
132/33 KV Transformer bay(HV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	SEL	04-02-2017/24-05-2017
		3 Phase Circuit Breaker	2	ABB	04-02-2017/24-05-2017
		LA	6	LAMCO	04-02-2017/24-05-2017
		1-Ph Current Transformer	6	SCT	04-02-2017/24-05-2017
		3 Phase Isolator with/without Earth switch	6	FARADAY ELECTRICAL(P) LTD.	04-02-2017/24-05-2017
132/33 KV Transformer bay(LV)		Transformer control & relay panel with Differential protection & O/C E/F protection	2	SEL	04-02-2017/24-05-2017
		3 Phase Circuit Breaker	2	SCHNEIDER	15-04-2017/25-05-2017
		LA	6	LAMCO	04-02-2017/24-05-2017
		1-Ph Current Transformer	6	SCT	04-02-2017/24-05-2017
		3 Phase Isolator with/without Earth switch	6	FARADAY ELECTRICAL(P) LTD.	15-04-2017/25-05-2017
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	
		3 Phase Circuit Breaker	1	ABB	
		1 Ph PT	3	SCT	
		LA	0		
		1-Ph Current Transformer	3	SCT	
		3 Phase Isolator with/without Earth switch	2	FARADAY ELECTRICAL(P) LTD.	
		Line control & relay panel with O/C E/F protection	4	SEL	22-04-2017
		3 Phase Circuit Breaker	4	SCHNEIDER	22-04-2017

33 KV Feeder	LA	12	LAMCO	22-04-2017
	1-Ph Current Transformer	12	SCT	22-04-2017
	3 Phase Isolator with/without Earth switch	12	FARADAY ELECTRICAL(P) LTD.	22-04-2017
33 KV Buscoupler	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	
	3 Phase Circuit Breaker	1	SCHNEIDER	
	1 Ph PT	3	SCT	
	LA	0		
	1-Ph Current Transformer	3	SCT	
	3 Phase Isolator with/without Earth switch	2	FARADAY ELECTRICAL(P) LTD.	

Other Substation Equipments -

Battery Charger	1	AUTOMATIC FLOAT & FLOAT CUM BOOST CHARGER	1	CHLORIDE POWER SYSTEMS & SOLUTIONS LTD	02-02-2017
	2	AUTOMATIC FLOAT & FLOAT CUM BOOST CHARGER	1	CHLORIDE POWER SYSTEMS & SOLUTIONS LTD	02-02-2017
		ACDB	1	ASIAN SWITHGEAR(P) LTD	15-04-2017
		DCDB(250V/48V)	1 / 1	ASIAN SWITHGEAR(P) LTD	02-02-2017
Battery bank	1		1	EXIDE	02-02-2017
	2		1	EXIDE	02-02-2017
		DG set	1	JAKSON & COMPANY (LICENSE BY KIRLOSKAR OIL ENGINES LTD)	02-02-2-17
PLCC Equipment		1.Isolator	0		
		2. Battery Charger	2	CHLORIDE POWER SYSTEMS & SOLUTIONS LTD	02-02-2017
		3. Panel	2	CGL	
		4.telephone	24	BEETEL	
		Hydrant system with Pipe arrangement	0		
		Fire Fighting Equipment(EXTINGUISER)	12	GUNNEBO INDIA(P) LTD	01-02-2017
		Earthing Rods	6	MONARCH ELECTRONICS	02-02-2017
		Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)	0		
		Testing Equipments(100KV BDV TEST KIT / MICROPROCESSOR BASED	1 / 1 / 1	MOTWANE	02-02-2017
		Safety Gear(Helmet,Gloves,Boot, etc.)	0		
		SST	2	MARSONS LTD	15-04-2017

	Spare Hardware Fitting.(CLOSING/TRIPPING COIL/MOVING/FIXED CONTACT)	12 / 12 / 12 / 12	ABB,SCHNEIDER /ABB,SCHNEIDE R/FARADAY/FAR ADAY	
--	---------------------------------------------------------------------	----------------------	---------------------------------------------------------	--

Sample format for GSS land assets

GSS:- -132/33KV GSS TRIVENIGANJ

	LOCATION	CHHATAPUR,SUPAUL
1	Name of GSS	132/33KV GSS TRIVENIGANJ
2	Located at (Name of locality)	CHHATAPUR,SUPAUL
3	Block/Prakhand	CHHATAPUR
4	Police Station (Thana)	CHHATAPUR
5	Sub-Division	TRIVENIGANJ
6	District	SUPAUL
7	Transmission Division	BIRPUR
8	Transmission Circle	PURNEA
9	GPS Co-ordinates	latitude:26.2259205 longitude:87.0064530
	LAND DETAILS	
10	Initial Area (In Acre)	2.71 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	YES (NBPDC)
	(ii) Private Land	
	If Private Land, Whether	
	(i) Purchased	
	(ii) Acquired	
	(iii) Leased Land	
12	Year of Purchase/Acquisition	2015(from NBPDC TO BSPTCL)
13	Whether mutation completed	NOT Available
14	Cost of the Land (At the time of procurement)	NOT Available
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	NO
16	Area of the extra land for GSS	NA
17	Cost	NA
20	Year of Purchase/lease of extra land	NA
21	Total area at present	2.71Acre
	Details of Land (Khata/Khesara)	NOT Available
	Thana No.	NOT Available
	Name of Municipality/Nagar Parishad etc.	NOT Available
	Ward No./Circle No./ Holding No.	NOT Available
	Amount of Early Land related Taxes	NOT Available
	Taxes clear up to	NOT Available
22	Land Records available with	NOT Available

Details of Existing Equipment

Name of Circle/Kashi		Name of GSS: 132/33 KV GSS Udaikhisinganj		Name of Bay		Name of Equipment Name		Name of Bay		Name of Equipment Name		Name of Bay		Name of Equipment Name	
Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
132 KV Line Bay	Saharsa Cir-1	Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006	Sombarsa Cir-1	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	15.03.2016	Sombarsa Cir-2	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	15.03.2016
		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006		3 Phase Circuit Breaker	1	Siemens limited	15.03.2016		3 Phase Circuit Breaker	1	Siemens limited	15.03.2016
		1 Ph CVT	3	BHEL	16.06.2006		1 Ph CVT	3	ALSTOM	15.03.2016		1 Ph CVT	3	ALSTOM	15.03.2016
		1 Ph Current Transformer	3	Crompton Greaves	16.06.2006		1 Ph Current Transformer	3	Siemens	15.03.2016		1 Ph Current Transformer	3	Siemens	15.03.2016
		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006		3 Phase Isolator with/without Earth switch	3	Siemens limited	15.03.2016		3 Phase Isolator with/without Earth switch	3	Siemens limited	15.03.2016
132/33 KV Transformer bay(MV)	20 MVA Tr-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006	132/33 KV Transformer bay(MV)	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006
		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006
		1 Ph CVT	3	BHEL	16.06.2006		1 Ph CVT	3	BHEL	16.06.2006		1 Ph CVT	3	BHEL	16.06.2006
		1 Ph Current Transformer	3	Crompton Greaves	16.06.2006		1 Ph Current Transformer	3	Crompton Greaves	16.06.2006		1 Ph Current Transformer	3	Crompton Greaves	16.06.2006
		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006
132/33 KV Transformer bay(MV)	20 MVA Tr-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006	20 MVA Tr-2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006		Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006
		3 Phase Circuit Breaker	1	BHEL	16.06.2006		3 Phase Circuit Breaker	1	BHEL	16.06.2006		3 Phase Circuit Breaker	1	BHEL	16.06.2006
		1 Ph CVT	3	Crompton Greaves	16.06.2006		1 Ph CVT	3	Crompton Greaves	16.06.2006		1 Ph CVT	3	Crompton Greaves	16.06.2006
		1 Ph Current Transformer	3	Vidvut system control	16.06.2006		1 Ph Current Transformer	3	Vidvut system control	16.06.2006		1 Ph Current Transformer	3	Vidvut system control	16.06.2006
		3 Phase Isolator with/without Earth switch	3	KIRON	16.06.2006		3 Phase Isolator with/without Earth switch	3	KIRON	16.06.2006		3 Phase Isolator with/without Earth switch	3	KIRON	16.06.2006
132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	16.06.2006
		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006		3 Phase Circuit Breaker	1	Crompton Greaves	16.06.2006
		1 Ph CVT	3	BHEL	16.06.2006		1 Ph CVT	3	BHEL	16.06.2006		1 Ph CVT	3	BHEL	16.06.2006
		1 Ph Current Transformer	3	BHEL	16.06.2006		1 Ph Current Transformer	3	BHEL	16.06.2006		1 Ph Current Transformer	3	BHEL	16.06.2006
		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006		3 Phase Isolator with/without Earth switch	3	G R Power	16.06.2006
33 KV Feeder	Udaikhisinganj feeder	Line control & relay panel with O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006	Gwalipara/Chaura feeder	Line control & relay panel with O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006		Line control & relay panel with O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006
		3 Phase Circuit Breaker	1	Stelmec	14.08.2006		3 Phase Circuit Breaker	1	Stelmec	14.08.2006		3 Phase Circuit Breaker	1	Stelmec	14.08.2006
		1 Ph CVT	3	Crompton Greaves	14.08.2006		1 Ph CVT	3	Crompton Greaves	14.08.2006		1 Ph CVT	3	Crompton Greaves	14.08.2006
		1 Ph Current Transformer	3	Vidvut system control	14.08.2006		1 Ph Current Transformer	3	Vidvut system control	14.08.2006		1 Ph Current Transformer	3	Vidvut system control	14.08.2006
		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006
33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyroll Ltd	14.08.2006
		3 Phase Circuit Breaker	1	Siemens	14.08.2006		3 Phase Circuit Breaker	1	Siemens	14.08.2006		3 Phase Circuit Breaker	1	Siemens	14.08.2006
		1 Ph CVT	3	Vidvut system control	14.08.2006		1 Ph CVT	3	Vidvut system control	14.08.2006		1 Ph CVT	3	Vidvut system control	14.08.2006
		1 Ph Current Transformer	3	Vidvut system control	14.08.2006		1 Ph Current Transformer	3	Vidvut system control	14.08.2006		1 Ph Current Transformer	3	Vidvut system control	14.08.2006
		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006		3 Phase Isolator with/without Earth switch	3	KIRON	14.08.2006
Other Substation Equipments -															
Battery Charger	1	250 V Battery Charger-1	1	Calypso	16.06.2006										
	2	250 V Battery Charger-2	1	Mitsubishi Power systems Ltd.	04.10.2018										
DC/AC															
Battery bank	1	48 V Battery Charger-1	1	Calypso	16.06.2006										
	2	48 V Battery Charger-2	1	Eltek	20.09.2018										
DC set															
PLCC Equipment	1 Isolator														
	2 Battery Charger		5	ABB/BPL	Not commissioned										
3 Panel		1													
4 Telephone		1													
Hydrant system with Pipe arrangement		NH													
Fire Fighting Equipment		21													
Barbed Wire		5													
Tools & Tackles/Consumables/Workshop etc. (not/Partial)		2													
Tactical Equipment		1													
Safety Gear/Insulation Gloves Boot etc.1		5													
SST		1													
Spare Hardware Fittings		Available													

Details for GSS land assets

GSS:- Udakishunganj

LOCATION		
1	Name of GSS	132/33 KV GSS Udakishunganj
2	Located at (Name of locality)	Panchwati Dohotwari
3	Block/Prakhand	Udakishunganj
4	Police Station (Thana)	Udakishunganj
5	Sub-Division	Udakishunganj
6	District	Madhepura
7	Transmission Division	Koshi (Madhepura)
8	Transmission Circle	Koshi
9	GPS Co-ordinates	25.67173 N, 86.938499 E
LAND DETAILS		
10	Initial Area (In Acre)	7.8
11	Whether it was:	Not available
	(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	Not available
13	Whether mutation completed	Not available
14	Cost of the Land (At the time of procurement)	NA
15	Whether more land was purchased /acquired/ Leased in for GSS Extension work? If yes, Give details	NA
16	Area of the extra land for GSS	
17	Cost	
20	Year of Purchase/lease of extra land	
21	Total area at present	7.8 acre
	Details of Land (Khata/Khesara)	NA
	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	NA