

Details of Existing Equipment

(1)

Name of Circle: Bhagalpur

Name of GSS:-BANKA

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
132 KV Line bay	132 kv Banka old -Banka New ckt-1	Line control & relay panel with Distance protection & O/C E/F protection	1	system control and automation pvt ltd and ALSTOM RELAY	2017
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2017
		1 ph PT	3	Cromton Greaves Ltd	2017
		LA	3	Cromton Greaves Ltd	2017
		1-Ph Current Transformer	3	SCT Ltd	2017
		3 Phase Isolator with/without Earth switch	3	RK Engineers	2017
	132 kv Banka old -Banka New ckt-2	Line control & relay panel with Distance protection & O/C E/F protection	1	system control and automation pvt ltd and ALSTOM RELAY	2017
		3 Phase Circuit Breaker	3	Cromton Greaves Ltd	2017
		LA	3	Cromton Greaves Ltd	2017
		1-Ph Current Transformer	3	SCT Ltd	2017
		3 Phase Isolator with/without Earth switch	3	RK Engineers	2017
	132 kv Banka PG Banka ckt-1	Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyrolle Ltd	2006
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2006
		1 Ph PT	3	BHEL	2006
		LA	3	Cromton Greaves Ltd	2006
		1-Ph Current Transformer	3	BHEL	2006
		3 Phase Isolator with/without Earth switch	3	GR Power swichgear ltd	2006
	132 kv Banka PG Banka ckt-2	Line control & relay panel with Distance protection & O/C E/F protection	1	system control and automation pvt ltd and ALSTOM RELAY	2016
		3 Phase Circuit Breaker	1	SIEMENS	2016
		1 Ph CVT	3	SIEMENS	2016
		LA	3	Cromton Greaves Ltd	2016
1-Ph Current Transformer		3	SCT Ltd	2016	
3 Phase Isolator with/without Earth switch		3	RK Engineers	2016	

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132/33 KV Transformer bay(HV)	132 KV TR-NO-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyrolle Ltd DUOHAS-M and MIT-131 resp.	2006
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2006
		LA	3	Cromton Greaves Ltd	2006
		1-Ph Current Transformer	3	vidyut control system	2006
		3 Phase Isolator with/without Earth switch	3	GR Switchgear Ltd	2006
	132 KV TR-NO-2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	C & S ALSTOM RELAY	2016
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2013
		LA	3	Cromton Greaves Ltd	2006
		3 Phase Isolator with/without Earth switch	3	GR Switchgear Ltd	2006
		1-Ph Current Transformer	3	BHEL	2006
	132 KV TR-NO-3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	C & S ALSTOM RELAY	2015
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2015
		LA	3	elektrolites	2015
		3 Phase Isolator with/without Earth switch	3	Elektrolite	2015
		1-Ph Current Transformer	3		2015
	33 KV TR-NO-1	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Easun Reyrolle Ltd	2006
		3 Phase Circuit Breaker	1	BHEL	2006
		LA	3	Cromton Greaves	2006
		1-Ph Current Transformer	3	vidyut control system	2006
		3 Phase-Isolator with/without Earth switch	3	Klron textile Industries	2006

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132/33 KV Transformer bay(LV)	33 KV TR-NO-2	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Cramton Greaves Ltd	2016
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	
		LA	3	Cromton Greaves	2006
		1-Ph Current Transformer	3	R phase-SCT Ltd Y and B Phase-vidyut control system	2017 2006
		3 Phase Isolator with/without Earth switch	3	Kiron textile Industries	2006
33 KV TR-NO-3	33 KV TR-NO-3	Transformer control & relay panel with Differential protection & O/C E/F protection	1	Cromton Greaves Ltd	2015
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2015
		LA	3	elektrolite	2015
		1-Ph Current Transformer	3	SCT Ltd	2015
		3 Phase Isolator with/without Earth switch	3	elektrolite	2015
132 KV Bus coupler bay	132 kv Bus Coupler	Line control & relay panel with Distance protection & O/C E/F protection	1	Easun Reyrolle Ltd	2006
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2006
		1 Ph CVT	3	BHEL	2006
		LA	3	N/A	2006
		1-Ph Current Transformer	3	BHEL	2006
		3 Phase Isolator with/without Earth switch	2	4,GR Power switchgear	2006
33 kv Banka	33 kv Banka	Line control & relay panel with O/C E/F protection	1	Vension Electric	2006
		3 Phase Circuit Breaker	1	seimens	2017
		LA	3	Areva	2006
		1-Ph Current Transformer	3	kapco electricals	2006
		3 Phase Isolator with/without Earth switch	3	Elektrolite	2006
33 kv barahat	33 kv barahat	Line control & relay panel with O/C E/F protection	1	Easun Reyrolle Ltd	2006
		3 Phase Circuit Breaker	1	Stelmec	2015
		LA	2	Cromton Greaves	2006

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33 KV Feeder		1-Ph Current Transformer	3	vidyut control system	2006
		3 Phase Isolator with/without Earth switch	3	kiran textile	2006
	33 kv Rajoun	Line control & relay panel with O/C E/F protection	1	Vension Electric	2006
		3 Phase Circuit Breaker	1	Stelmec	2015
		LA	3	Cromton Greaves	2006
		1-Ph Current Transformer	3	R and B phase-kepeca electrical pvt ltd	2006 2015
		3 Phase Isolator with/without Earth switch	3	Elektrolite	2006
	33 kv Katoria-1	Line control & relay panel with O/C E/F protection	1	Areva	2008
		3 Phase Circuit Breaker	1	seimens	2017
		LA	3	Cromton Greaves	2008
		1-Ph Current Transformer	3	Modern electric	2008
		3 Phase Isolator with/without Earth switch	3	Project electrical Industries	2008
	33 kv katoria-2	Line control & relay panel with O/C E/F protection	1	Areva	2008
		3 Phase Circuit Breaker	3	Stelmec	2015
		LA	3	Cromton Greaves	2008
		1-Ph Current Transformer	3	R AND Y Phase-Modern electric and B-phase-shree electro controls pvt ltd	2008
		3 Phase Isolator with/without Earth switch	3	Project electrical Industries	2008
	33 kv Nehru colony	Line control & relay panel with O/C E/F protection	1	Cromton Greaves Ltd	2015
		3 Phase Circuit Breaker	1	Cromton Greaves Ltd	2015
		LA	3	Elektrolite	2015
1-Ph Current Transformer		3	SCT Ltd	2015	
3 Phase Isolator with/without Earth switch		3	Elektrolite	2015	
		Line control & relay panel with Distance protection & O/C E/F protection	1	Easun reyrolle ltd	2006
		3 Phase Circuit Breaker	1	Megawin switch gear	2006

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33 KV Bus coupler	3 KV BUS COUPLE	1 Ph PT	3	Universal Magnaflex	2006
		LA	3	N/A	2006
		1-Ph Current Transformer	3	Florals pvt ltd	2006
		3 Phase Isolator with/without Earth switch	2	electrolites	2006
Other Substation Equipments -					
Battery Charger	1		1	caldyne	2006
	2		2	AZ Electricals	2017
ACDB			3	Maktel system and system control automation ltd	2006 2017
DCDB(110V/48V)			3	Maktel system and system control automation ltd	2006 2017
Battery bank	1		1	exide	2016
	2		2	exide	2016
DG set				Greaves cotton Ltd	2006
PLCC Equipment	1. Isolator			N/A	
	2. Battery Charger		1	caldyne (defective)	
	3. Panel		4	2 nos BPL 2 nos ABB	2006 2016
	4. telephone			BPL	2006
Hydrant system with Pipe arrangement					
Fire Fighting Equipment			24	NITIN Fire protection industries ltd and Kandya fyer pvt ltd	2017
Earthing Rods			4	kiron	
Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)				Taparia	
Testing Equipments			3	ATRM-SIVANANDA WTRM-Sivananda Multimeter- FLUKE Relay test kit (k3063i) 01-no primary injection- 01 no relay tool kit-03 no test plug-01 no	
Safety Gear(Helmet,Gloves,Boot, etc.)			5 2 pair	Udyogy-Helmet janki rubber industries- hand gloves	
SST			1	Kanohar Electricals ltd	2006
Spore Hardware Fitting.			25		

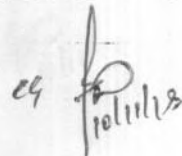
M. Pradeep
29/11/2018
AEE BSITCL, Rahe

eg for isolator

Sample format for GSS land assets

GSS:- BANKA

LOCATION	
Name of GSS	Banka
Located at (Name of locality)	Near chandan river
Block/Prakhand	Banka
Police Station (Thana)	Banka
Sub Division	Banka
District	Banka
Transmission Division	Bhagalpur
Transmission Circle	Bhagalpur
GPS Co-ordinates	Latitude 24 891402 Longitude 86.937122
LAND DETAILS	
Initial Area (In Acre)	6.5 acre (approximate)
Whether it was:	No details of land related documents available
(i) A Govt. Land (State type GM or)	
(ii) Private Land	
If Private Land, Whether	
(i) Purchased	
(ii) Acquired	
(iii) Leased Land	
Year of Purchase/Acquisition	
Whether mutation completed	
Cost of the Land (At the time of procurement)	
Whether more land was purchased /acquired/ Leased in for GSS Extension work?	
If yes, Give details	
Area of the extra land for GSS	
Cost	
Year of Purchase/lease of extra land	
Total area at present	
Details of Land (Khata/Khesara)	
Thana No.	
Name of Municipality/Nagar Parishad etc	Banka
Ward No /Circle No / Holding No	ward no. 3/11
Amount of Early Land related Taxes	
Taxes clear up to	
Land Records available with	


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Details of Existing Equipment

Name of Circle:- Transmission Circle Bhagalpur

Name of GSS:- GSS Jamalpur

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
132 KV Line bay	132 kV Lakhisarai line bay	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	07.09.2017
		3 Phase Circuit Breaker	1	SIEMENS	26.12.2010
		1 Ph CVT	3	ALSTOM	23.12.2017
		LA	3	LEMCO	22.11.2017
		1-Ph Current Transformer	3	SCT	07.09.2017
		3 Phase Isolator with/without Earth switch	3	FARADAY ELECTRIC	22.11.2017
	132 kV Tarapur line bay	Line control & relay panel with Distance protection & O/C E/F protection	1	SEL	15.10.2017
		3 Phase Circuit Breaker	1	CGL	05.12.2017
		1 Ph CVT	3	ALSTOM	01.02.2018
		LA	3	LEMCO	21.10.2017
		1-Ph Current Transformer	3	VISHAL	10.08.2012
		3 Phase Isolator with/without Earth switch	3	FARADAY ELECTRIC	-
132/33 KV Transformer bay(HV)	132 kv Transformer-1 (CGL make)	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SIEMENS	Feb. 2012
		3 Phase Circuit Breaker	1	SIEMENS	Feb. 2012
		LA	3	CGL	Feb. 2012
		1-Ph Current Transformer	3	CGL	Feb. 2012
		3 Phase Isolator with/without Earth switch	3	SIEMENS	Feb. 2012
	132 kv Transformer-2 (BBL make)	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SEL	13.01.2018
		3 Phase Circuit Breaker	1	CGL	Feb. 2012
		LA	3	LAMCO	-
		1-Ph Current Transformer	3	VISHAL	Feb. 2012
		3 Phase Isolator with/without Earth switch	3	FARADAY ELECTRIC	-
132/33 KV Transformer bay(LV)	33 kv Transformer-1 (CGL make)	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SIEMENS	May. 2008
		3 Phase Circuit Breaker	1	SIEMENS	May. 2008
		LA	3	CGL	May. 2008
		1-Ph Current Transformer	3	MAKTEL SYSTEMS	May. 2008
		3 Phase Isolator with/without Earth switch	3	FARADAY ELECTRIC	-
	33 kv Transformer-2 (BBL make)	Transformer control & relay panel with Differential protection & O/C E/F protection	1	SEL	13.01.2018
		3 Phase Circuit Breaker	1	AREVA	10.09.2008
		LA	3	LEMCO	-
		1-Ph Current Transformer	3	ADVENT ENGINEERS	10.09.2008
		3 Phase Isolator with/without Earth switch	4	FARADAY ELECTRIC	-

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132 KV Buscoupler bay		Line control & relay panel with Distance protection & O/C E/F protection	1 SEL	19.06.17
		3 Phase Circuit Breaker	1 CGL	20.05.17
		1 Ph PT	3 SCT	01.12.2017
		1-Ph Current Transformer	3 SCT	20.05.17
		3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-
33 KV Feeders	33 kv Bindwara	Line control & relay panel with O/C E/F protection	1 SEL	23.07.17
		3 Phase Circuit Breaker	1 CGL	-
		LA	3 LEMCO	-
		1-Ph Current Transformer	3 SCT	-
		3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-
	33 kv ITC	Line control & relay panel with O/C E/F protection	1 C&S Electric	16.10.2016
		3 Phase Circuit Breaker	3 CGL	-
		LA	3 LEMCO	-
		1-Ph Current Transformer	3 SCT	-
		3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-
	33 kv Railways	Line control & relay panel with O/C E/F protection	1 C&S Electric	16.10.2016
		3 Phase Circuit Breaker	1 CGL	-
		LA	3 LEMCO	-
		1-Ph Current Transformer	3 SCT	-
		3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-
	33 kv Dharahra	Line control & relay panel with O/C E/F protection	1 SEL	02.08.17
		3 Phase Circuit Breaker	1 CGL	-
		LA	3 LEMCO	-
		1-Ph Current Transformer	3 SCT	-
		3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-
	33 kv karanchaura	Line control & relay panel with O/C E/F protection	1 SEL	22.07.17
		3 Phase Circuit Breaker	1 CGL	-
		LA	3 LEMCO	-
		1-Ph Current Transformer	3 SCT	-
3 Phase Isolator with/without Earth switch		FARADAY 3 ELECTRIC	-	
33 kv Safiabab	Line control & relay panel with O/C E/F protection	1 SEL	25.07.17	
	3 Phase Circuit Breaker	1 CGL	-	
	LA	3 LEMCO	-	
	1-Ph Current Transformer	3 SCT	-	
	3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-	
33 KV Nandlalpur	Line control & relay panel with O/C E/F protection	1 SEL	17.09.2018	
	3 Phase Circuit Breaker	1 CGL	-	
	LA	3 LEMCO	-	
	1-Ph Current Transformer	3 SCT	-	
	3 Phase Isolator with/without Earth switch	FARADAY 3 ELECTRIC	-	
33 kv Dakranala	Line control & relay panel with O/C E/F protection	1 SEL	05.08.2017	
	3 Phase Circuit Breaker	1 CGL	-	
	LA	3 LEMCO	-	
	1-Ph Current Transformer	3 SCT	-	

K. Anil Kumar

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			3 Phase Isolator with/without Earth switch		FARADAY 3 ELECTRIC	-	
		33 kv Bariayarpur	Line control & relay panel with O/C E/F protection	1 SEL		27.07.17	
			3 Phase Circuit Breaker	1 CGL			-
			LA	3 LEMCO			-
			1-Ph Current Transformer	3 SCT			-
			3 Phase Isolator with/without Earth switch	3 ELECTRIC	FARADAY		-
	33 KV Buscoupler		Line control & relay panel with Distance protection & O/C E/F protection	1 SEL		01.06.17	
			3 Phase Circuit Breaker	1 CGL			-
			1 Ph PT	3 SCT			07.12.2017
			1-Ph Current Transformer	3 SCT			-
			3 Phase Isolator with/without Earth switch	3 ELECTRIC	FARADAY		-
			Other Substation Equipments				
	Battery Charger	1	250 V Battery Charger-I	1	Chloride Power Systems	15.09.17	
		2	250 V Battery Charger-II	1	Chloride Power Systems	27.12.2017	
		3	250 V Battery Charger (OLD)	1	Amara Raja	-	
	ACDB	1	415 V ACDB	1	Asian Switchgear	17.07.17	
		2	415 V ACDB (Extention)	1	Maktel Systems	-	
	DCDB	1	250 V DCDB	1	Asian Switchgear	09.05.17	
		2	250 V DCDB (Extention)	1	Maktel Systems	-	
	Battery bank	1		1	Exide	21.09.17	
		2		1	HBL	13.06.2008	
	DG set		125 kVA DG set	1	Jakson & Company	-	
			Hydrant system with Pipe arrangement	N.A.		-	
	Fire Fighting Equipment			10	ZENITH	-	
	Earthing Rods					-	
			Tools & Tackles(Spanners,Wrench..etc.(Set/Piece)	7 pcs	Spanners	-	
				8 pcs	Ring wrench	-	
				1 pcs	Slide wrench	-	
				1 pcs	Screw driver	-	
				1 pcs	hammer	-	
				1 pcs	plier	-	
	Testing Equipments		Multimeter	1	Fluke	-	
	Safety Gear(Helmet, Gloves, Boot etc.)			6 pcs	Helmet	-	
				1 set	Gloves	-	
				2 set	Boot	-	
	SST	1	315 kVA SST	1	Associated Electricals		
		2	315 kVA SST	1	TBEA	-	
	Spare Hardware fitting	-	-	-	-	-	

Mavin Kumar
09/11/18

Electrical Executive Engineer
Transmission Division, Munger

K. Anzifanhu
09.11.18

for
Assistant Executive Engineer
Transmission Subdivision, Jamalpur

GSS LAND ASSETS

GSS:- 132/33 kV GSS Jamalpur

	LOCATION	
01	Name of GSS	132/33 kV GSS Jamalpur
02	Located at (Name of locality)	Safiabad
03	Block/Prakhand	Jamalpur
04	Police Station (Thana)	Naya Ramnagar
05	Sub-Division	Jamalpur
06	District	Munger
07	Transmission Division	Munger
08	Transmission Circle	Bhagalpur
09	GPS Co-ordinates	Latitude- 25.336 & Longitude- 86.487
	LAND DETAILS	
10	Initial Area (In Acre)	N.A.(Not Available)
11	Whether it was:	N.A.
	(i) A Govt. Land (State type GM or)	-
	(ii) Private Land	-
	If Private Land, Whether	N.A.
	(i) Purchased	-
	(ii) Acquired	-
	(iii) Leased Land	-
12	Year of Purchase/Acquisition	N.A.
13	Whether mutation completed	N.A.
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	-
17	Cost	-
20	Year of Purchase/lease of extra land	-
21	Total area at present	N.A.
	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	N.A.

for *K. Anand*
09.11.18
Assistant Executive Engineer
Transmission Subdivision, Jamalpur

Manish Kumar
09/11/18
Electrical Executive Engineer
Transmission Division, Munger

Details of Existing Equipment

Name of circle: Bhagalpur

Name of GSS:- 132/33kv GSS Jamui

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of commissioning	
132kv PG(LKR)-jamui	1 st bay	Line control & relay panel with distance protection & O/C,E/F protection	01	Schneider	05.10.2015	
		3 phase circuit breaker	01	Siemens	05.10.2015	
		1phase CVT	03	CGL	05.10.2015	
		LA	03	CGL	05.10.2015	
		1-Ph current Transformer	03	TOSHIBA	05.10.2015	
		3 phase Isolator with/without Earth switch	03	J D Electricals	05.10.2015	
	2 nd bay	Line control & relay panel with distance protection & O/C,E/F protection	01	Schneider	05.10.2015	
		3 phase circuit breaker	01	Siemens	05.10.2015	
		1phase CVT	03	CGL	05.10.2015	
		LA	03	CGL	05.10.2015	
		1-Ph current Transformer	03	TOSHIBA	05.10.2015	
		3 phase Isolator with/without Earth switch	03	J D Electricals	05.10.2015	
	132kv jamui-Sheikhpura	1 st bay	Line control & relay panel with distance protection & O/C,E/F protection	01	AREVA	2012
			3 phase circuit breaker	01	AREVA	2012
1phase CVT			03	AREVA	2012	
LA			03	AREVA	2012	
1-Ph current Transformer			03	AREVA	2012	
3 phase Isolator with/without Earth switch			03	Siemens	2012	
132kv Jamui-Lakhsarai		Line control & relay panel with distance protection & O/C,E/F protection	01	ALSTOM	14.11.2015	
		3 phase circuit breaker	01	ALSTOM	15.02.2015	
		1phase CVT	02	ALSTOM	2016	
		LA	03	LAMCO	2016	
		1-Ph current Transformer	03	VISHAL Transformer & switchgears LTD		
		3 phase Isolator with/without Earth switch	03	Faraday	06.06.2015	
132kv jamui-	2 ND	Line control & relay panel	01	SYSTEM	01.12.2017	

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10/11/18

Electrical Executive Engineer
Transmission Division, Munger

Sheikhpura	bay	with distance protection & O/C,E/F protection		CONTROL	
		3 phase circuit breaker	01	SIEMENS	01.12.2017
		1phase CVT	03	SIEMENS	01.12.2017
		LA	03	CGL	01.12.2017
		1-Ph current Transformer	03	SCT LTD	01.12.2017
		3 phase Isolator with/without Earth switch	03	SIEMENS	01.12.2017
132kv Jamui-TSS Jhaha Railway	1 st bay	Line control & relay panel with distance protection & O/C,E/F protection	01	Eason reyrolle	2011
		3 phase circuit breaker	01	CGL	2011
		LA	02	Lamco	09.10.2015
		1-Ph current Transformer	02	SCT LTD	2011
		3 phase Isolator with/without Earth switch	03	Faraday	2011
132kv Jamui-TSS Jhaha Railway	2 nd bay	Line control & relay panel with distance protection & O/C,E/F protection	01	Eason reyrolle	2011
		3 phase circuit breaker	01	AREVA	2011
		LA	02	Lamco	14.10.2015
		1-Ph current Transformer	02	SCT LTD	2011
		3 phase Isolator with/without Earth switch	03	Faraday	2011
132KV JAMUI-JAMUI(NEW)	1 ST	Line control & relay panel with distance protection & O/C,E/F protection	01	System control & Automation	14.11.2017
		3 phase circuit breaker	01	CGL	14.11.2017
		LA	03	CGL	14.11.2017
		1-Phase CVT	03	CGL	14.11.2017
		1-Ph current Transformer	03	SCT	14.11.2017
		3 phase Isolator with/without Earth switch	03	R K ENGINEERS	14.11.2017
132KV JAMUI-JAMUI(NEW)	2 ND	Line control & relay panel with distance protection & O/C,E/F protection	01	System control & Automation	14.11.2017
		3 phase circuit breaker	01	CGL	14.11.2017
		LA	03	CGL	14.11.2017
		1-Phase CVT	03	CGL	14.11.2017
		1-Ph current Transformer	03	SCT	14.11.2017
		3 phase Isolator with/without Earth switch	03	R K ENGINEERS	14.11.2017
132kv Buscoupler		Line control & relay panel with distance protection & O/C,E/F protection	01	ALSTOM	2012
		3 phase circuit breaker	01	AREVA	2012

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10/11/18

Electrical Executive Engineer
Transmission Division, M. S.

		1-Ph current Transformer	03	AREVA	2012
		3 phase Isolator with/without Earth switch	03	Siemens	2012
132/33kv 50MVA Transformer(HV)		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	2016
		3 phase circuit breaker	01	ALSTOM	09.06.2015
		LA	03	LAMCO	04.01.2016
		1-Ph current Transformer	03	LAMCO	03.04.2018
		3 phase Isolator with/without Earth switch	03	Faraday	04.01.2016
132/33kv 20MVA Transformer(HV)		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	2010
		3 phase circuit breaker	01	AREVA	2010
		1phase PT	03	Mehruelct. & mech. Engineering sPvt ltd	2016
		LA	03	AREVA	2010
		1-Ph current Transformer	03	AREVA	2010
		3 phase Isolator with/without Earth switch	03	Siemens	2010
132/33kv 50MVA Transformer(HV)		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	05.11.2016
		3 phase circuit breaker	01	ALSTOM	10.02.2015
		LA		Lamco	08.01.2015
		1-Ph current Transformer		CGL	05.11.2016
		3 phase Isolator with/without Earth switch		Faraday	09.01.2016
33kv Jamui		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	15.04.2016
		3 phase circuit breaker	01	Schneider	18.02.2015
		LA	03	Lamco	12.05.2015
		1-Ph current Transformer	03	floral	N.A
		3 phase Isolator with/without Earth switch	03	Faraday	04.08.2015
33kv Jhajha		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	13.03.2016
		3 phase circuit breaker	01	Schneider	16.08.2018

Mouin Kumar
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Electrical Executive Engineer
Transmission Division, Munger

		LA	03	Lamco	11.05.2015
		1-Ph current Transformer	03	Floral	N.A
		3 phase Isolator with/without Earth switch	03	Faraday	03.08.2015
33kv Jamui-2		Line control & relay panel with differential protection & O/C,E/F protection	01	AREVA	14.01.2017
		3 phase circuit breaker	01	CGL	10.06.2018
		LA	03	N.A	2012
		1-Ph current Transformer	03	SCT	2012
		3 phase Isolator with/without Earth switch	03	Faraday	21.08.2015
33kv Chakai		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	13.03.2016
		3 phase circuit breaker	01	Schneider	15.04.2015
		LA	03	Lamco	10.05.2015
		1-Ph current Transformer	03	Kapco	2012
		3 phase Isolator with/without Earth switch	03	Faraday	13.05.2016
33kv Laxmipur		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	10.08.2015
		3 phase circuit breaker	01	Schneider	22.04.2015
		LA	03	Lamco	09.05.2015
		1-Ph current Transformer	03	Kapco	2012
		3 phase Isolator with/without Earth switch	03	Faraday	25.05.2016
132/33kv 50MVA Transformer(LV)		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	2016
		3 phase circuit breaker	01	Schneider	09.06.2015
		LA	03	Lamco	2016
		1-Ph current Transformer	03	Lamco	03.04.2018
		3 phase Isolator with/without Earth switch	03	Faraday	12.09.2015
132/33kv 20MVA Transformer(LV)		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	2016
		3 phase circuit breaker	01	Schneider	09.06.2015
		LA	03	N.A	
		1-Ph current Transformer	03	Floral	07.10.2010
		3 phase Isolator	03	siemens	07.10.2010

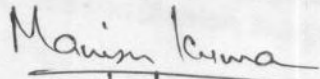
Mavin Kumar
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Electrical Executive Engineer
Transmission Division, I.

132/33kv 50MVA Transformer(LV)		with/without Earth switch			
		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	05.11.2016
		3 phase circuit breaker	01	Schneider	09.06.2015
		LA	03	Lamco	08.06.2015
		1-Ph current Transformer	03	SCT	21.02.2018
33kv Buscoupler		3 phase Isolator with/without Earth switch	03	Faraday	04.08.2015
		Line control & relay panel with differential protection & O/C,E/F protection	01	ALSTOM	16.04.2016
		3 phase circuit breaker	01	AREVA	2010
		PT	03	Laxmiengg.	2010
		1-Ph current Transformer	03	Kapco	2010
33kv Khairma		3 phase Isolator with/without Earth switch	03	siemens	2010
		Line control & relay panel with differential protection & O/C,E/F protection	01	AREVA	14.01.2017
		3 phase circuit breaker	01	AREVA	2012
		LA	03	NA	
		1-Ph current Transformer	03	SCT	2017
	3 phase Isolator with/without Earth switch	03	SIEMENS		

Other Substation Equipments-

Battery Charger	1			
	2	01	Chloride	28.01.2016
ACDB		01	Amara raja	N.C
		03	Jasper engineeringspvt. Ltd, system control	2013
			Jasper engineeringspvt. ltd	2013
DCDB(110V/48V)				
Battery Bank	1			
	2	01 set	Exide	28.01.2016
DG Set				
PLCC Equipment	1. Isolator	N.A	N.A	N.A
	2. Battery Charger	N.A	N.A	N.A
	3. Panel	02	USHA	N.A
	4. Telephone	07	ABB, ALSTOM	2016
		N.A	N.A	N.A


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 Transmission Division, Mumbai

	Hydrant system with pipe arrangement	N.A	N.A	N.A
	Fire fighting Equipment	15	GUNNEBO India Ltd, Chawla fire protection.	N.A
	Earthing Rods	02 set	N.A	N.A
	Tools & Tackles (Spanners, wrench. Etc. (set/piece)	02 set	Taparia	N.A
	Testing Equipment	07	Magger, Tauras	N.A
	Safety gear (Helmet, Gloves, Boot, etc.)	02 set	Hillson, Janaki	N.A
	SST	01	Orrisa transformer meerut	N.A
	Spare Hardware Fitting.	N.A		N.A

AVAILABILITY OF TESTING KITS/INSTRUMENTS AT GSS JAMUI

SL. NO.	DESCRIPTION OF TESTING KIT/INSTRUMENTS	QUANTITY	REMAKS
1.	Portable inflatable lighting tower (make-Askaequipments Ltd. Model)	01 nos.	
2.	Motorised megger (05kv) with 10meter test lead	01 nos.	
3.	Digital earth resistance tester	01 nos.	
4.	100MT Hydraulic compressor machine (with 06 nos. die sets)	01 nos.	
5.	Motorised BDV test kit	01 nos.	
6.	Tauras fault locator	01 set.	
7.	Tauras megger	01 nos	

This is for your kind information.

NIRAJ KUMAR

JEE/TSD/JAMUI

10.11.2018

Niraj Kumar
10/11/18

Electrical Executive Engineer
Transmission Division, Jamui

Sample format for GSS land assets

GSS:-132/33KV GSS JAMUI

	LOCATION	
01	Name of GSS	132/33KV GSS JAMUI
02	Located at (Name of locality)	MALAYPUR, JAMUI
03	Block/Prakhand	BARHAT
04	Police Station (Thana)	MALAYPUR
05	Sub-Division	JAMUI
06	District	JAMUI
07	Transmission Division	MUNGER
08	Transmission Circle	BHAGALPUR
09	GPS Co-ordinates	Latitude=24.96389007,Longitude=86.2548675
	LAND DETAILS	
10	Initial Area (In Acre)	06.13 Acre
11	Whether it was:	
	(i) A Govt. Land (State type GM or)	NO
	(ii) Private Land	YES
	If Private Land, Whether	
	(i) Purchased	NO
	(ii) Acquired	YES
	(iii) Leased Land	NO
12	Year of Purchase/Acquisition	1984
13	Whether mutation completed	NA
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	NIL
17	Cost	NA
20	Year of Purchase/lease of extra land	NIL
21	Total area at present	06.13 Acre only
	Details of Land (Khata/Khesara)	203/16,330/20,493/27,493/28,493/29,195/30/17/21
	Thana No.	60
	Name of Municipality/Nagar Parishad etc.	GRAMIN AREA.
	Ward No./Circle No./ Holding No.	15
	Amount of Early Land related Taxes	NA
	Taxes clear up to	NA
22	Land Records available with	YES

Mamun Kumar

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**Electrical Executive Engineer
Transmission Division, Munger**

Details of Existing Equipment

Name of Circle:

Name of GSS:

Sl. No.	Name of Bay	Equipment Name	Quantity	Make	Date of Commissioning
	132kv Kahalgaon-Sultanganj ckt I line bay	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel- SIEMENS Dist. Prot. Relay- SIEMENS O/C-MICOM ALSTOM E/F- Genesis	2009
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2009
		1 Ph CVT	03 nos.	CGL	2009
		LA	03 nos.	CGL	2009
		1-Ph Current Transformer	03 nos.	R Phase- CGL Y Phase- CGL B Phase- CGL	2009
		3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2009
	132kv Kahalgaon-Sultanganj ckt II line bay	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel- SIEMENS Dist. Prot. Relay- SIEMENS O/C-MICOM ALSTOM E/F- Genesis	2009
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2009
		1 Ph CVT	03 nos.	CGL	2009
		LA	03 nos.	CGL	2009
		1-Ph Current Transformer	03 nos.	R Phase- CGL Y Phase- CGL B Phase- CGL	2009
		3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2009
132 KV Line bay	132kv NTPC(Kahalgaon)- Kahalgaon line bay	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM MICOM ALSTOM O/C-	2015
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
		1 Ph CVT	03 nos.	NA	2015
		LA	03 nos.	LAMCO	2015
		1-Ph Current Transformer	03 nos.	R Phase- VICTRANS ENGINEERS Y Phase- VISHAL TRANSFORMERS	2015
		3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2015
	132kv Kahalgaon-Lalmatiya line bay	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel-EASUN REYROLLE Dist. Prot. Relay- SEL O/C- Genesis E/F- Genesis	2005
		3 Phase Circuit Breaker	01 no.	CGL	2005
		1 Ph CVT	03 nos.	BHEL	2005
		LA	03 nos.	CGL	2005
		1-Ph Current Transformer	03 nos.	BHEL	2005

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Shivraj K

132kv Kahalgaoon- Sabour line bay	3 Phase Isolator with/without Earth switch	03 set	G R POWER SWITCHGEAR	2005
	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel-EASUN REYROLLE Dist. Prot. Relay- SEL O/C- Genesis E/F- Genesis	2005
	3 Phase Circuit Breaker	01 no.	CGL	2005
	1-Ph CVT	03 nos.	BHEL	2005
	LA	03 nos.	CGL	2005
	1-Ph Current Transformer	03 nos.	BHEL	2005
	3 Phase Isolator with/without Earth switch	03 set	G R POWER SWITCHGEAR	2005
132/33kv Transformer No.:- 01 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM MICOM ALSTOM O/C-	2015
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
	LA	03 nos.	LAMCO	2015
	1-Ph Current Transformer	03 nos.	HINDUSTAN BROWN BOVERI	2015
	3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2015
132/33kv Transformer No.:- 02 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM MICOM ALSTOM O/C-	2015
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
	LA	03 nos.	LAMCO	2015
	1-Ph Current Transformer	03 nos.	HINDUSTAN BROWN BOVERI	2015
	3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2015
132/33kv Transformer No.:- 03 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- VENSON ELECTRIC Dist. Prot. Relay- Multilin 650 O/C- GE Multilin E/F- GE Multilin	10-03-2014
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	10-03-2014
	LA	03 nos.	LAMCO	10-03-2014
	1-Ph Current Transformer	03 nos.	LAMCO	10-03-2014
	3 Phase Isolator with/without Earth switch	03 set	ELEKTROLITES	10-03-2014
132/33kv Transformer No.:- 04 (HV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM MICOM ALSTOM O/C-	12-02-2016
	3 Phase Circuit Breaker	01 no.	CGL	12-02-2016
	LA	03 nos.	ELEKTROLITES	12-02-2016
	1-Ph Current Transformer	03 nos.	SCT LTD.	12-02-2016
	3 Phase Isolator with/without Earth switch	03 set	ELEKTROLITES	12-02-2016

Shivash K

132/33 KV Transformer bay(LV)	132/33kv Transformer No.:- 01 (LV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	2015
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
		LA	03 nos.	LAMCO	2015
		1-Ph Current Transformer	03 nos.	R Phase- SCT Y Phase- SCT B Phase- ELECTRICAL STAMPING	2015
	3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2015	
	132/33kv Transformer No.:- 02 (LV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	2015
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
		LA	03 nos.	LAMCO	2015
		1-Ph Current Transformer	03 nos.	R Phase- ADVENT ENGINEERS Y Phase- ADVENT ENGINEERS B Phase- ADVENT ENGINEERS	2005
	3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2015	
	132/33kv Transformer No.:- 03 (LV)	Transformer control & relay panel with Differential protection & O/C E/F protection	01 set	C & R Panel- VENSON ELECTRIC O/C- Multilin 350 E/F- Multilin 350	10-03-2014
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	10-03-2014
LA		03 nos.	LAMCO	10-03-2014	
1-Ph Current Transformer		03 nos.	LAMCO	10-03-2014	
3 Phase Isolator with/without Earth switch		03 set	KLEKTROLITES	10-03-2014	
Transformer control & relay panel with Differential protection & O/C E/F protection		01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	12-02-2016	
132/33kv Transformer No.:- 04 (LV)	3 Phase Circuit Breaker	01 no.	CGL	12-02-2016	
	LA	03 nos.	KLEKTROLITES	12-02-2016	
	1-Ph Current Transformer	03 nos.	SCT LTD.	12-02-2016	
	3 Phase Isolator with/without Earth switch	03 set	KLEKTROLITES	12-02-2016	
	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM	2015	
132 KV Buscoupler bay	132kv Bus-Coupler	3 Phase Circuit Breaker	01 no.	O/C-MICOM ALSTOM SIEMENS LTD.	2015
		1 Ph PT	03 nos.	SCT LTD.	2015
		LA	03 nos.	NA	2015
		1-Ph Current Transformer	03 nos.	HINDUSTAN BROWN BOVERI	2015
		3 Phase Isolator with/without Earth switch	03 set	SIEMENS LTD.	2015

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Shivish Kumar

33kv Kahalgaon Feeder	Line control & relay panel with O/C E/F protection	01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	2015
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
	LA	03 nos.		2015
	1-Ph Current Transformer	03 nos.	R Phase- LAMCO Y Phase- LAMCO B Phase- SCT	2015
	3-Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2015
33kv Sanhaulla Feeder	Line control & relay panel with O/C E/F protection	01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	2015
	3 Phase Circuit Breaker	01 no.	CGL	2015
	LA	03 nos.	LAMCO	2015
	1-Ph Current Transformer	03 nos.	R Phase- FLORALS ELECTRICALS Y Phase- FLORALS ELECTRICALS B Phase- ADVENT ENGINEERS	2015
	3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2015
33 KV Feeder	Line control & relay panel with O/C E/F protection	01 set	C & R Panel- VENSON ELECTRIC O/C-MICOM Schneider Electric E/F- MICOM Schneider Electric	2014
	3 Phase Circuit Breaker	01 no.	CGL	2014
	LA	03 nos.	LAMCO	2014
	1-Ph Current Transformer	03 nos.	KAPCO ELECTRIC	2014
	3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2014
33kv Ganga Pump Nahar Yojana Stage- 01 Feeder	Line control & relay panel with O/C E/F protection	01 set	C & R Panel- C & S O/C-MICOM ALSTOM E/F- MICOM ALSTOM	2015
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	2015
	LA	03 nos.	OBLUM ELECTRICALS	2015
	1-Ph Current Transformer	03 nos.	MODERN ELECTRONICS	2015
	3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS	2015
33kv Ganga Pump Nahar Yojana Stage- 02 Feeder	Line control & relay panel with O/C E/F protection	01 set	C & R Panel- VENSON ELECTRIC O/C- Multilin 350 E/F- Multilin 350	10-03-2014
	3 Phase Circuit Breaker	01 no.	SIEMENS LTD.	10-03-2014
	LA	03 nos.	LAMCO	10-03-2014
	1-Ph Current Transformer	03 nos.	LAMCO	10-03-2014
	3 Phase Isolator with/without Earth switch	03 set	KLEKTROLITES	10-03-2014

Shishu K

33 KV Buscoupler	33kv Bus-Coupler	Line control & relay panel with Distance protection & O/C E/F protection	01 set	C & R Panel- C & S Dist. Prot. Relay- MICOM ALSTOM MICOM ALSTOM	O/C-	2015
		3 Phase Circuit Breaker	01 no.	SIEMENS LTD.		2015
		1 Ph PT	03 nos.	SCT LTD.		2015
		LA	03 nos.	LAMCO		2015
		1-Ph Current Transformer	03 nos.	SCT LTD.		2015
		3 Phase Isolator with/without Earth switch	03 set	FAARADAY ELECTRICALS		2015
Other Substation Equipments -						
Battery Chrg.	1		01 no.	HBL		Oct-13
	2		01 no.	CHLORIDE		Sep-14
		ACDB	02 no.			
		DCDB(110V/48V)				
Battery bank	1		01 set	HBL		Oct-13
	2		01 set	EXIDE		Sep-14
		DG set	NO			
CC Equipme		1. Isolator		NA		
		2. Battery Charger	01 no.	ELTEK		Jan-17
		3. Panel	04 no.			
		4. telephone	02 no.			
		Hydrant system with Pipe arrangement	NO	Not Available		
		Fire Fighting Equipment	14 NOS.			
		Earthing Rods	NA			
		Tools & Tackles(Spanners,Wrench...etc.(Set/Piece)	01 set	TAPARIYA		
		Testing Equipments	01 set			
		Safety Gear(Helmet,Gloves,Boot, etc.)	01 set			
		SST	02 set	01. 33/0.43KV 315KVA SST-EAST INDIA UDYOG LTD. 02.33/0.43KV 315KVA SST-EAST INDIA UDYOG LTD.		Feb-18
		Spare Hardware Fitting.	01 set			

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10/11/2018

Shivesh Kumar
10/11/2018
ASSISTANT EXECUTIVE ENGINEER
TRANSMISSION SUB DIVISION
KAHALGAON, BHAGALPUR

Transmission Sub-Division Kahalgaon

Sample format for GSS land assets

GSS:- --KAHALGAON----

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

Note:- NA for Not Applicable

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Shivesh Kumar

10/11/2018

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**ASSISTANT EXECUTIVE ENGINEER
TRANSMISSION SUB DIVISION
KAHALGAON, BHAGALPUR**

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