

Annexure-7

IDC capitalised under ADB 12th Plan

A handwritten signature in blue ink, appearing to be the initials 'R' or 'B' with a vertical stroke, positioned below the text 'IDC capitalised under ADB 12th Plan'.

Detail of Capitalisation during 2020-21

Particulars	Amount (Rs)
WIP Balance As On 01/04/2020	11,69,10,916.00
Interest WIP from 01.04.17 to 31.03.20	3,95,12,086.40
Total Value WIP with Interest	15,64,23,002.40
Less: Value of Material Handed Over to Different Store	5,60,53,012.53
Total Capitalisation	10,03,69,989.87

Value of Material Handed Over as per Lt. No (Annexure-A)				
Fatuha	Bodhgaya	Muzzafarpur	Bihar Sharif	Total Value of Store
4,73,962.10	1,40,07,188.25	1,13,95,926.00	3,01,75,936.18	5,60,53,012.53

RP

Annexure-8

Computation of IDC as per provisions of Regulations



Capex & Capitalization for FY 2021 -FY 2024-25															
Details of Capitalization															
Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Awarded through ICB/DCB/ Department /Deposit Work	No. of Bids received	Date of Award	Actual date of Start of work	Original Schedule Date of Completion	Original Cost of Project	CAPEX Approved in Tariff Orders	Mode of Finance	Amended Cost of Project	Capex in FY 16-17	Capex in FY 2017-18	Capex in FY 2018-19	Capex in FY 2019-20	IDC
1	Procurement and Construction for Re-conductoring of 06 nos.132KV Transmission lines against 31/Package K-1/ BSPTCL/ ADB/16	ICB	3	31.10.2016	31.10.2016	31.01.2018	44.00	44.00	ADB	44.39	8.88	35.51			4.66
2	Procurement and Construction for Re-conductoring of 06 nos.132KV Transmission lines against 33/Package M-1/ BSPTCL/ ADB/16	ICB	3	31.10.2016	31.10.2016	31.01.2018	40.86	40.86	ADB	41.32	8.26	33.06			4.34
3	Re-Conductoring of 132KV Chandauti-Sonenagr S/C Trans. Line(L-30) and 132 KV Chandauti-Rafiganj-Sonenagar Trans. Line(L-31) with HTLS Conductor NIT 109/ PR/ BSPTCL/2018	DCB		06.02.2019	06.02.2019	06.02.2020	81.76	79.94	State Plan	76.35			15.27	61.08	4.76
4	i)Construction of 132 KV LLO line on 132KV S/C Dehri-Banjari Transmission line to new GSS Kerpa (ii) Re-conductoring of existing 132 KV S/C transmission line from Dehri to Banjari (iii) Re-conductoring of existing 132 KV D/C transmission line from Dehri to Sonenagar with HTLS(equivalent to panther) Conductor(Approx CKM=29KM NIT 108/ PR/ BSPTCL/2018	DCB		07.02.2019	07.02.2019	07.02.2020	40.39	39.36	State Plan	40.39			8.078	32.312	2.52
5	Re-Conductoring of 132KV Biharsarif-Baripahari D/C Trans. Line(L-14) and 132 KV Sipara-Mithapur-Karbigahiya Trans. Line(L-07) with HTLS Conductor . NIT 107/ PR/ BSPTCL/2018	DCB		06.02.19	06.02.19	FY 2019-20	14.65	14.97	State Plan	14.84			2.968	11.872	0.93
6	For Supply of 6 Nos 50MVA Power Transformer with Construction/Modification of Foundation in Transmission Circle, Muzaffarpur NIT 125/ PR/ BSPTCL/2018	DCB		25.02.2019	25.02.2019	25.02.2020	22.01	17.56	State Plan	20.84			4.168	16.672	1.30
7	For Supply,Erection,testing and commissioning of 06 Nos.of 50 MVA Power Transformer with Construction/Modification of foundation in Transmission Circle Saran, Koshi & Darbhanga NIT 126/ PR/ BSPTCL/2018	DCB		25.02.2019	25.02.2019	25.02.2020	23.36	17.56	State Plan	21.55			4.31	17.24	1.34
8	For Supply of 6 Nos of 50MVA Transformer with Construction/ modification of foundations in transmission Circle NIT 127/ PR/ BSPTCL/2018	DCB		25.02.2019	25.02.2019	25.02.2020	20.49	17.56	State Plan	19.22			3.844	15.376	1.20

BP

Capex & Capitalization for FY 2021 -FY 2024-25												
Details of Capitalization												
Sl. No.	Name of Element (Transmission line, Substation, Bay Extension, etc.)	Awarded through ICB/DCB/ Department /Deposit Work	No. of Bids received	Date of Award	Actual date of Start of work	Original Schedule Date of Completion	Original Cost of Project	CAPEX Approved in Tariff Orders	Mode of Finance	Amended Cost of Project		
9	Supply, erection, testing and commissioning of 05 Nos. of 50 MVA Power Transformer with construction/modification of foundation in Transmission Circle Purnea & Bhagalpur on turnkey basis under State Plan against NIT 128/PR/BSPTCL/2018	DCB		25.02.2019	25.02.2019	25.02.2020	18.95	14.63	State Plan	18.24		
10	Supply, erection, testing and commissioning of 05 Nos. of 50 MVA Power Transformer with construction/modification of foundation in Transmission Circle Patna & Dehri-on -some on turnkey basis under State Plan against NIT No. 129/PR/BSPTCL/2018	DCB		25.02.2019	25.02.2019	25.02.2020		14.63	State Plan	17.1		
	TOTAL						306.47	301.07		314.24		

RP

Annexure-9

Detailed calculation of weighted average rate of depreciation

12

Particulars	Rate of Depreciation	Opening Balance	Depreciation for the year	Addition during the year	Depreciation charged on addition
Land & Land Rights	0.00%	1,469.76	0.00	33.31	0.00
Buildings	3.34%	35.63	1.19	10.39	0.35
Hydraulic Works	5.28%	0.00	0.00	0.03	0.00
Other Civil Works	3.34%	236.95	7.91	47.61	1.59
Plant and Machinery	5.28%	3,603.51	190.27	442.68	23.37
Lines and Cable Network	5.28%	3,189.86	168.42	179.15	9.46
Vehicles	6.33%	0.00	0.00	0.00	0.00
Furniture and Fixtures	6.33%	8.25	0.52	1.40	0.09
Office Equipment	6.33%	2.19	0.14	0.53	0.03
Computers & Accessories	15.00%	2.77	0.42	8.23	1.23
Total other than Land & Land Rights		7,079.15	368.87	690.02	36.13
Average rate of Depreciation in (%)			5.21%		5.24%

Annexure-10

Computations for CPI and WPI

R

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**(b) Price Inflation****Form No: F14**

Particulars	Actual					Estimate	
	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
Annual Average CPI Index	276	284	300	323	339	351	
CPI Inflation		3.08%	5.45%	7.53%	5.02%	6.00%	6.00%
Annual Average WPI Index	112	115	120	122	123	134	
WPI Inflation		2.92%	4.28%	1.68%	1.29%	2.42%	2.42%
				3.92%	3.84%	3.85%	3.85%

Note

CPI and WPI Inflation computed for current year shall be considered for control period at the time of filing of ARR. CPI inflation shall be determined at the time of truing up.



Signature of Petitioner

Month	WPI (new base-2011)					
	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
April	104.70	108.60	114.10	110.20	109.00	113.20
May	105.30	108.60	114.80	111.40	110.40	112.90
June	105.30	110.10	115.20	111.80	111.70	112.70
July	106.20	111.20	116.70	111.10	111.80	113.90
August	106.90	112.90	117.20	110.00	111.20	114.80
September	107.60	114.30	116.40	109.90	111.40	114.90
October	107.40	114.60	115.60	110.10	111.50	115.60
November	107.30	114.30	114.10	109.90	111.90	116.40
December	107.10	113.40	112.10	109.40	111.70	115.70
January	108.00	113.60	110.80	108.00	112.60	116.00
February	108.40	113.60	109.60	107.10	113.00	116.10
March	108.60	114.30	109.90	107.70	113.20	116.30
Average	106.90	112.46	113.88	109.72	111.62	114.88

	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
CPI Old base	10.44%	9.68%	6.29%	5.65%	4.12%	3.08%
CPI New base						
WPI - Old base	7.35%	5.98%	2.00%	-2.49%	3.69%	
WPI new Base		5.20%	1.26%	-3.65%	1.73%	2.92%
CPI	10.44%	9.68%	6.29%	5.65%	4.12%	3.08%
WPI	7.35%	5.20%	1.26%	-3.65%	1.73%	2.92%
CPI:WPI::50:50	8.90%	7.44%	3.77%	1.00%	2.93%	3.00%

12

Month						
	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2011-12	FY 2012-13
April	117.30	121.10	119.20	132.00	152.10	163.50
May	118.30	121.60	117.50	132.70	152.40	163.90
June	119.10	121.50	119.30	133.70	153.10	164.70
July	119.90	121.30	121.00	135.00	154.20	165.80
August	120.10	121.50	122.00	135.90	154.90	167.30
September	120.90	121.30	122.90	136.00	156.20	168.80
October	122.00	122.00	123.60		157.00	168.50
November	121.60	122.30	125.10		157.40	168.80
December	119.70	123.00	125.40		157.30	168.80
January	119.20	123.40	126.50		158.70	170.30
February	119.50	122.20	128.10		159.30	170.90
March	119.90	120.40	129.90		161.00	170.10
Average	119.79	121.80	123.38	134.22	156.13	167.62

	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2021-22-Moving
CPI Old base	5.45%	7.53%	5.02%	3.67%	5.07%
CPI New base			5.02%	3.67%	5.07%
WPI - Old base					
WPI new Base	4.28%	1.68%	1.29%	8.79%	11.55%
CPI	5.45%	7.53%	5.02%	3.67%	5.07%
WPI	4.28%	1.68%	1.29%	8.79%	11.55%
CPI:WPI::50:50	4.86%	4.60%	3.16%	6.23%	8.31%

RP

Month	WPI (old base - 2004)				FY 2011-12
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	
April	171.30	180.80	176.40	177.80	186.00
May	171.40	182.00	178.00	180.20	187.00
June	173.20	183.00	179.10	182.90	189.00
July	175.50	185.00	177.60	184.20	193.00
August	179.00	185.90	176.50	183.30	194.00
September	180.70	185.00	176.50	183.20	197.00
October	180.70	183.70	176.90	183.60	198.00
November	181.50	181.20	177.50	183.50	199.00
December	179.60	178.70	176.80	183.30	197.00
January	179.00	177.30	175.40	185.10	198.00
February	179.50	175.60	174.10	185.50	199.00
March	180.30	176.10	175.30	185.80	201.00
Average	177.64	181.19	176.68	183.20	194.83

CPI Old base
CPI New base
WPI - Old base
WPI new Base

CPI
WPI
CPI:WPI::50:50

JP

Month	CPI (old base) - Base				
	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
April	205.00	226.00	242.00	256.00	271.00
May	206.00	228.00	244.00	258.00	275.00
June	208.00	231.00	246.00	261.00	277.00
July	212.00	235.00	252.00	263.00	280.00
August	214.00	237.00	253.00	264.00	278.00
September	215.00	238.00	253.00	266.00	277.00
October	217.00	241.00	253.00	269.00	278.00
November	218.00	243.00	253.00	270.00	277.00
December	219.00	239.00	253.00	269.00	275.00
January	221.00	237.00	254.00	269.00	274.00
February	223.00	238.00	253.00	267.00	274.00
March	224.00	239.00	254.00	268.00	275.00
Average	215.17	236.00	250.83	265.00	275.92

CPI Old base
 CPI New base
 WPI - Old base
 WPI new Base

CPI
 WPI
CPI:WPI::50:50

RP

Month	2001				
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
April	277.00	288.00	312.00	329.00	345.89
May	278.00	289.00	314.00	330.00	347.33
June	280.00	291.00	316.00	332.00	350.50
July	285.00	301.00	319.00	336.00	353.66
August	285.00	301.00	320.00	338.00	354.24
September	285.00	301.00	322.00	340.13	355.10
October	287.00	302.00	325.00	344.16	
November	288.00	302.00	328.00	345.31	
December	286.00	301.00	330.00	342.14	
January	288.00	307.00	330.00	340.42	
February	287.00	307.00	328.00	342.72	
March	287.00	309.00	326.00	344.45	
Average	284.42	299.92	322.50	338.69	351.12

CPI Old base
CPI New base
WPI - Old base
WPI new Base

CPI
WPI
CPI:WPI::50:50

R

Month	CPI 2016=100		
	FY 2019-20	FY 2020-21	FY 2021-22
April	108.33	114.24	120.10
May	109.03	114.58	120.60
June	109.72	115.28	121.70
July	110.76	116.67	122.80
August	111.11	117.36	123.00
September	111.81	118.10	123.30
October	112.85	119.50	
November	113.89	119.90	
December	114.58	118.80	
January	114.58	118.20	
February	113.89	119.00	
March	113.19	119.60	
Average	111.98	117.60	121.92

CPI Old base
CPI New base
WPI - Old base
WPI new Base

CPI
WPI
CPI:WPI::50:50

RS

Annexure-11

Details of interest and other finance

10

Finance Charges	Amount in Cr
ADB	48.58
State Plan	10.94
Other Bank Charges	1.23
Total	60.75

Other Bank Charges	Amount in Cr
Procurement/ Upfront Fee	1.19
Bank Charges	0.04
	1.23

State Plan Interest	Amount in Cr
Interest Capitalised	4.63
Interest of F.Y 2019-20 charged to P&L	1.86
Charged to P&L	10.94
Total Interest against Capitalisation	17.43

Interest Capitalised from ADB	3.95
Total IDC Capitalised	8.58

RP

Annexure-12
Advertisement Expenses

R

BSPTCL-HQ**Advertisement Expenses**

Ledger Account

1-Apr-2020 to 31-Mar-2021

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
1-4-2020	By Canara Bank- Establishment (Saving A/c)	Receipt	451/31.03.18		2,415.00
17-6-2020	To Canara Bank- Establishment (Saving A/c)	Payment	269	3,237.00	
	To Canara Bank- Establishment (Saving A/c)	Payment	270	27,434.00	
	To Canara Bank- Establishment (Saving A/c)	Payment	271	51,603.00	
	To Canara Bank- Establishment (Saving A/c)	Payment	272	6,413.00	
31-3-2021	To Adv. to Suchna & Jan Sampark Bihar Sarkar	Journal		90,16,917.80	
				91,05,604.80	2,415.00
	By Closing Balance				91,03,189.80
				91,05,604.80	91,05,604.80

