

*Summary of ARR & Fees and
Charges for SLDC Filings*

Submitted by

SLDC

For

FY 2021-22

OPTCL'S PROPOSAL FOR ARR & LEVY OF ANNUAL FEES & CHARGES FOR SLDC FUNCTIONS FOR FY 2021-22

1. The application for approval of Annual Revenue Requirement and Fees & Charges for SLDC for FY 2021-22 has been prepared by OPTCL in line with the provision mentioned in the CERC (Fees & Charges of RLDC & other related matters) Regulations, 2009, OERC (Fees & Charges of SLDC & other related matters) Regulations, 2010 and considering the following recommendation of the MOP Committee Report.
 - (a) SLDC is to be equipped suitably to play the pivotal role of an Independent System Operator (ISO).
 - (b) Power system operation is the core activity of LDCs. Efficient load dispatching also requires a deep understanding of Transmission, Generation and Distribution technology. In view of above, the executives shall be from electrical engineering discipline. Efforts need be made to supplement them with interdisciplinary learning and development.
2. As per the recommendation in the report of the task force committee on "Capital Expenditure and Issues related to Emoluments for Personnel in Load Despatch Centres", the assets pertaining to the Control Centre (SLDC) has to be handed over to the State Load Despatch Centres.

Provision of CAPEX Plan

3. The Commission has approved the CAPEX expenses amounting Rs. 717.99 lakh proposed by SLDC vide their order dated 23.03.2017. Phasing of expenditure for the building is: Rs.135.00 lacs during FY-2016-17 and Rs. 315.00 lacs during the FY-2017-18.
4. On the request of SLDC, the Commission has allowed shifting of the CAPEX plan implementation by one year i.e. during FY 2017-18 and 2018-19.
5. Construction of new building revised proposal along with total estimate of Rs 34.55 Cr phased in next two years.
6. The Commission vide letter No. DIR(T)-351/08/1288 dated 10.09.2019 has approved Rs. 27.72 lakhs towards procurement & installation of 16 numbers of AC machines and computers & peripherals.
7. The status of CAPEX is enclosed herewith as Annexure-I

Organizational structure and their Functions

8. OPTCL submitted that the man power structure given in the ARR is in line with the approved structure by the Government of Odisha. Total 67 nos. of executives / non-executives shall be deployed at SLDC. Details of staffing at Annexure-II

Item wise Annual Revenue Requirement for SLDC operation as proposed by OPTCL for FY 2021-22

9. As per the OERC (Fees and Charges of State Load Despatch Centre and other related matters) Regulations, 2010 the annual charges consist of the following components:
- Return on Equity
 - Interest on Loan Capital
 - Depreciation
 - Operation & Maintenance Expenses Excluding Human Resource expenses
 - Human Resource Expenses
 - Interest on Working Capital

a. Return on Equity and Interest on loan capital

Since no equity has been invested by SLDC and there is no outstanding loan on SLDC, item (a) and (b) are not considered in the ARR.

b. Depreciation:

Depreciation for the assets in the Unified Load Despatch Center and offices in SLDC has been computed as Rs. 71.298 lacs as per CERC Regulation. The details of depreciation are indicated in Form-6A & 6B. The major amount of depreciation charges is for recovering the depreciation cost for the upgraded & enhanced VPS (costing Rs 166.53 lacs) amounting Rs 24.980 lacs. Work order is enclosed as Annexure IV.

Total depreciation amount is provided in table –1 below.

Table – 1: Statement of Depreciation (in Rs. Lacs)

Financial Year	2019-20	2020-21	2021-22
1	2	3	4
Recovery of Capital Cost (Amount to be recovered during the year)	0.000	0.000	0.000
Depreciation on existing assets	44.650	38.388	71.298
TOTAL	44.650	38.388	71.298

c. Operation and Maintenance Expenses excluding human resource expenses:

Operation and maintenance expenses excluding human resources expenses for FY 2021-22 has been computed as **Rs. 213.760 lacs** considering the R&M expenditure proposed to be incurred for Facility Management Services (FMS), Website charges, IT equipment and Electrical maintenance of office building and colony quarters etc and A&G expenses.

The O & M expenses have been projected considering actual expenditure to be incurred during FY 2021-22.

Table – 2: Statement of O&M Expenses Excluding Human Resource Expenses

(in Rs. Lacs)

SL No	ITEMS	Form No	2019-20 (Actual)	2020-21 (Approved)	2020-21 (Actual up to Sept.-20)	2021-22 (Prop.)
1	2	3	4	5	6	7
1	Repairs and maintenance expenses	7-C	53.912	45.221	10.538	89.520
2	Administrative and general expenses, etc	7-D	120.293	122.893	41.396	124.240
	Total		174.205	168.114	51.934	213.760

d. Human Resources Expenses:

Human resources expenses have been computed as Rs. **997.268** lacs considering the existing employees including 5 numbers of Telecommunication personnel working at SLDC control centre.- In addition salary for one no. of CGM(Electrical) and 3 nos. of G.M (Electrical) expected to be posted against the existing vacancy and 6 contractual/outsourcing staffs engaged as SLDC as on date has been considered. The salary of staffs for FY 2021-22 has been computed considering implementation of 7th Pay Commission Report. Payment of arrear amounting Rs. **60.0** lakhs on implementation of 7th Pay commission report has also been considered.

e. Interest on Working Capital:

The interest on working capital (amounting Rs **320.598**) is computed as **Rs. 35.747 lacs** as per OERC Regulation considering 11.15 % rate of interest (SBI base rate 8.15% plus 300 basis points). Even though SLDC has not taken loan to meet the working expenses, the provision has been kept due to non-receipt of SLDC charges from the user for two months from the commencement of financial year. The loss of

interest for the above amount is being recovered as interest on working capital. The details on working capital requirement and interest on it is given in table-3 below.

Table – 3: Statement of Interest on Working Capital

(in Rs. Lacs)

Sl. No.	Particulars	Amount Lacs
1	2	3
1	O & M expenses for one month excluding human resource expenses(7-A)	17.813
2	Human resource expenses for one month (7-B4)	83.106
3	Receivables (2 months of SOC & MOC)	219.679
4	Total Working Capital	320.598
5	Rate of Interest	11.15%
6	Interest on Working Capital	35.747

f. Expenses proposed for FY 2021-22 is given in table – 4 below.

Table – 4: Abstract of Expenses Proposed for FY 2021-22

(in Rs. Lacs)

Sl. No.	Particulars	2021-22
1	Return on Equity	0.000
2	Interest on Loan Capital	0.000
3	Depreciation	71.298
4.	O&M Expenses excluding human resource expenses	213.760
5.	Human Resource expenses	997.268
6.	Interest on Working Capital	35.747
	Total expenses	1318.073

Certificate of LDC Personnel:

- The committee on “Manpower, Certification and Incentives for System Operation and Ring fencing Load Despatch Centres” recommended compensation structure, innovative incentive schemes for higher learning and monetary incentives based on the ratings of the employees. For imparting training to the executives, the expenditure for Training & Certification of LDC personnel has been projected as Rs **3.0** lacs for FY 2021-22.

SLDC Assets:

- Most of the assets of SLDC along with sub-SLDC have been identified for transfer as per the direction of Hon’ble Commission.

Determination of Annual Charges for SLDC:

12. The Annual Charges for SLDC have been computed as per provision in Regulation 17, 18, 19, 20, 21 & 22 of OERC Regulation as detailed below:

Annual charges: Annual charges computed shall comprise of

- a) **System Operation Charges (SOC)** i.e. 80% of Annual charge
 - b) **Market Operation Charges (MOC)** i.e. 20% of Annual charge
- **System Operation Charges (SOC)** shall be collected from the users in the following ratio
 - Intra State Transmission Licensee - 10% on the basis of Ckt-KMs
 - Generating Company & Seller - 45% on the basis of installed capacity
 - Distribution Licensee and Buyers - 45% on the basis of allocation
 - **Market Operation Charges (MOC)** shall be collected from the users in the following ratio
 - Generating Company & Seller - 50% on the basis of installed capacity
 - Distribution Licensee and Buyers - 50% on the basis of allocation
- As per the proposed maintenance program, the installed capacity of OHPC stations has been considered as 1708 MW as per the availability projection made by OHPC considering the R&M programme. (Annexure –III)
 - For the purpose of determination of the above charges for CGPs, the maximum MW scheduled during April to October 2020 has been considered.
 - In the absence of approved injection schedule for some of the CGPs during FY 2020-21 (up to October 2020), the approved schedule quantum for previous year has been considered.
 - In absence of day ahead injection schedule by some of the major solar stations connected to the state network, SLDC at present is not issuing dispatch instructions to them. SLDC may be allowed to levy and collect SLDC charges from solar stations soon after commencement of dispatch scheduling and energy accounting of those solar plants.

- Further, it has been proposed to collect SLDC charges from industries which are importing power through inter-state open access only for the month of their transaction basing on the maximum scheduled quantum.

Table – 5: Abstract of Collection of SLDC Charges Proposed for FY 2021-22

	(in Rs. lacs)
Annual charges	1318.073
System Operation Charges (SOC) (80% of the Annual charges)	1054.459
Intra State Transmission Licensee @10% of SOC	105.446
Generating Station & Sellers @45% of SOC	474.506
Distribution Licensees & Buyers@45% of SOC	474.506
Market Operation Charges (MOC) (20% of the Annual charges)	263.615
Generating Station & Sellers @50% of MOC	131.807
Distribution Licensees & Buyers@50% of MOC	131.807

Registration Fee:

13. Besides the above charges, provision for collection of registration fee @ Rs1.00 lac from all users has been made as per OERC Regulation.

Application Fee and Scheduling Charges:

14. Application fee and scheduling charges shall be paid by the open access customers as per the OERC (Terms and Conditions of Intra-State Open Access) Regulations, 2020.

Prayer

Considering the submission made above, OPTCL prays Hon'ble Commission to approve the Annual Revenue Requirement of Rs. **1318.073 lacs** for FY 2021-22 towards State Load Dispatch Centre (SLDC) function separately and kindly allow recovering the same from the users.

Proposed Levy and Collection of Fees and Charges by OPTCL for SLDC operation for FY 2021-22

LEVY AND COLLECTION OF FEES & CHARGES (Rs. in Lacs)

Annual charges	1318.073
Total Cost (Annual Fixed Cost)	1318.073
System Operation Charges (SOC) (80% of the AFC)	1054.459
Market Operation Charges (MOC) (20% of the AFC)	263.615
System Operation Charges (SOC)	1054.459
Intra State Transmission Licensee @10% of SOC	105.446
Generating Station & Sellers @45% of SOC	474.506
Distribution Licensees & Buyers@45% of SOC	474.506
(a) Intra State Transmission Licensee (SOC per month)	8.787
(b) Generating Station & Sellers @45% of SOC	474.506

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	
			(Annual)	(Monthly)
A	State Generating Station			
1	OHPC	1708.00	135.687	11.307
2	OPGC Stage-I	420.00	33.366	2.780
3	OPGC Stage-II	1320.00	104.864	8.739
4	TTPS	460.00	36.543	3.045
B	Small Hydro & Bio-mass			
5	OPCL (Small Hydro)	20.00	1.589	0.132
6	Meenakshi Power Ltd. (Small Hydro)	37.00	2.939	0.245
7	Shalivahana Green Energy Ltd	20.00	1.589	0.132
8	Baitarani Power Project Pvt. Ltd.(Small Hydro)	24.00	1.907	0.159
C	IPP			
9	GMR, Kamalanga	350.00	27.805	2.317
10	Vedanta Limited (IPP)	600.00	47.665	3.972
11	NBVL (IPP)	60.00	4.767	0.397
D	CGPs	Maximum Scheduled (MW) (up to end of October-2020)		
12	Aarti Steel Ltd	21.50	1.708	0.142
13	Aditya Aluminium Limited	25.00	1.986	0.166
14	Aryan Ispat & Power Pvt. Ltd.	1.5	0.119	0.010
15	Bhubaneshwar Power Pvt. Ltd.	117.00	9.295	0.775
16	Bhusan Power & Steel Ltd.,Jharsuguda	29.96	2.380	0.198
17	Tata Steel BSL Limited, Meramundali	66.53	5.285	0.440
18	ESSAR Power (Orissa) Ltd.	28.00	2.224	0.185
19	FACOR Power Ltd.	3.16	0.251	0.021
20	HINDALCO	16.08	1.277	0.106
21	IFFCO	10.00	0.794	0.066
22	IMFA	43.30	3.440	0.287
23	Jindal Stainless Limited, Duburi	15.43	1.226	0.102
24	Jindal Steel & Power Ltd., Angul	57.17	4.542	0.378
25	MGM Minerals Ltd.	4.78	0.380	0.032
26	NALCO, Angul	54.00	4.290	0.357
27	Narbheram Power & Steel (P) Ltd	3.00	0.238	0.020
28	Nava Bharat Ventures Limited	24.00	1.907	0.159
29	Nilachal Ispat Nigam Limited	4.91	0.390	0.0336
30	Dalmia Cement (Bharat) Ltd. [OCL]	8.60	0.683	0.057

31	Pattanaik Steel & Alloys Limited	2.00	0.159	0.013
32	RSP	4.00	0.318	0.026
33	Shree Ganesh Metalicks Limited	1.05	0.083	0.007
34	Shyam Metalicks & Energy Limited	1.00	0.079	0.007
35	SMC Power generation	4.00	0.318	0.026
36	Tata Steel Long Product Limited (TSIL)	18.50	1.470	0.122
37	Vedanta Limited (Jharsuguda)	300.00	23.833	1.986
38	Vedanta Limited (Lanjigarh)	5.00	0.397	0.033
39	VISA Steel Limited	25.00	1.986	0.166
40	Yazdani Steel & Power Limited	2.00	0.159	0.013
	Solar Projects	Installed Capacity (MW)		
41	ACME, Odisha	25.00	1.986	0.166
42	AFTAB Solar	5.00	0.397	0.033
43	BEL SOLAR	7.50	0.596	0.050
44	GEDCOL	20.00	1.589	0.132
	Total	5972.97	474.506	39.542
(c)	Distribution Licensees & Buyers @45% of SOC		474.506	
		% share		
45	TPCODL	33.71	159.956	13.330
46	NESCO	23.39	110.987	9.249
47	WESCO	28.48	135.139	11.262
48	SOUTHCO	14.42	68.424	5.702
	Total	100	474.506	39.542

Market Operation Charges (MOC)
(a) Generating Company @50% of MOC

263.615
131.807

(Rs. in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
A	State Generating Station			
1	OHPC	1708.00	37.691	3.141
2	OPGC Stage-I	420.00	9.268	0.772
3	OPGC Stage-II	1320.00	29.129	2.427
4	TTPS	460.00	10.151	0.846
B	Small Hydro & Bio-mass			
5	OPCL (Small Hydro)	20.00	0.441	0.037
6	Meenakshi Power Ltd. (Small Hydro)	37.00	0.816	0.068
7	Shalivahana Green Energy Ltd	20.00	0.441	0.037
8	Baitarani Power Project Pvt. Ltd(Small Hydro)	24.00	0.530	0.044
C	IPP			
9	GMR, Kamalanga	350.00	7.724	0.644
10	Vedanta Limited (IPP)	600.00	13.240	1.103
11	NBVL (IPP)	60.00	1.324	0.110
D	CGPs	Maximum Scheduled (MW) (up to end of October-2020)		
12	Aarti Steel Ltd	21.50	0.474	0.040
13	Aditya Aluminium Limited	25.00	0.552	0.046
14	Aryan Ispat & Power Pvt. Ltd.	1.5	0.033	0.003
15	Bhubaneshwar Power Pvt. Ltd.	117.00	2.582	0.215
16	Bhusan Power & Steel Ltd.,Jharsuguda	29.96	0.661	0.055
17	Tata Steel BSL Limited, Meramundali	66.53	1.468	0.122
18	ESSAR Power (Orissa) Ltd.	28.00	0.618	0.051
19	FACOR Power Ltd.	3.16	0.070	0.006
20	HINDALCO	16.08	0.355	0.030
21	IFFCO	10.00	0.221	0.018
22	IMFA	43.30	0.956	0.080
23	Jindal Stainless Limited, Duburi	15.43	0.340	0.028
24	Jindal Steel & Power Ltd., Angul	57.17	1.262	0.105
25	MGM Minerals Ltd.	4.78	0.105	0.009
26	NALCO, Angul	54.00	1.192	0.099
27	Narbheram Power & Steel (P) Ltd	3.00	0.066	0.006
28	Nava Bharat Ventures Limited	24.00	0.530	0.044
29	Nilachal Ispat Nigam Limited	4.91	0.108	0.009
30	Dalmia Cement (Bharat) Ltd. [OCL]	8.60	0.190	0.016
31	Pattanaik Steel & Alloys Limited	2.00	0.044	0.004
32	RSP	4.00	0.088	0.007
33	Shree Ganesh Metalicks Limited	1.05	0.023	0.002
34	Shyam Metalicks & Energy Limited	1.00	0.022	0.002
35	SMC Power generation	4.00	0.088	0.007
36	Tata Steel Long Product Limited (TSIL)	18.50	0.408	0.034
37	Vedanta Limited (Jharsuguda)	300.00	6.620	0.552
38	Vedanta Limited (Lanjigarh)	5.00	0.110	0.009

39	VISA Steel Limited	25.00	0.552	0.046
40	Yazdani Steel & Power Limited	2.00	0.044	0.004
	Solar Projects	Installed Capacity (MW)		
41	ACME, Odisha	25.00	0.552	0.046
42	AFTAB Solar	5.00	0.110	0.009
43	BEL SOLAR	7.50	0.166	0.014
44	GEDCOL	20.00	0.441	0.037
	Total	5972.97	131.807	10.984

(c) **Distribution Licensees & Buyers
@50% of MOC**

131.807

% share

45	TPCODL	33.71	44.432	3.703
46	NESCO	23.39	30.830	2.569
47	WESCO	28.48	37.539	3.128
48	SOUTHCO	14.42	19.007	1.584
	Total	100	131.807	10.984

ANNEXURE-I

DETAILS OF CAPITAL EXPENDITURE APPROVED & STATUS

TABLE-1

Approved vide OERC Order dated 23.03.2017 in Case No. 47 of 2016 and order dated 22.03.2018 in Case No. 78 of 2017

Fig in Lacs

Sl. No.	Item	Quantity	Amount	FY 2017-18	FY 2018-19	FY 2020-21	Expenditure Incurred	Remarks
1	Construction of New Building (excluding interiors) adjacent to the existing building at SLDC, Bhubaneswar for accommodation of staff (The detailed estimate furnished by IDCO is enclosed, 30% of estimated cost is to be paid to IDCO as advance to take up the work) Revised estimate for Rs. 34.35 Crores has been sent to OERC for approval	LS	450.00	135.00	315.00		6.040	Expenditure for approving plan by BMC
2	Procurement of computer & Peripherals for SLDC Data Centre	LS	222.00	222.00				*See Item 3, Table-2
3	Procurement of computer & Peripherals, Laptops along with MS Office for use at SLDC. (Desktop=12nos, Laptops=12 nos., Printer = 2 nos)	26 nos	16.50	16.50	-		17.037	Assets acquired
4	Procurement of computer tables for use at EASSC	10	1.02	1.02	-		1.018	Assets acquired
5	0.5 kVA UPS for office desktop PC	12	0.222	0.222	-		1.272	Assets acquired
	6.0 kVA UPS for EASSC	1	1.050	1.050	-			
6	Software for countering the cyber attacks	1	20.00	20.00	-			Not Procured
7	Colour Scanner	2 no.	0.20	0.20	-			Not Procured
8	Furnitures & Fixtures for use of office staffs	LS	5.00	5.00	-		4.995	Assets acquired
	TOTAL		717.99	402.99	315.00		30.36	

TABLE-2

Approved vide letter DIR (T)-351/08/1520 dated 27.10.2017

Fig in Lacs

Sl. No.	Item	Quantity	Amount	FY 2017-18	FY 2018-19	Expenditure Incurred	Remarks
1	Remote Visual Display Unit for Nachhakund	1	13.36573	13.36573	-	12.714	Assets acquired
2	Furnitures & Fixtures for use of office staffs	LS	6.05000	6.05000	-	5.580	* Assets acquired
3	Procurement of computer & Peripherals for SLDC Data Centre (Additional items)	LS	22.570060	22.570060		244.570	Assets acquired
4	Expansion of Visual Projection System (VPS)	1	160.73000	160.73000			Work completed. The AMC work order will to be awarded after expiry of 2 years warranty period i.e. January 2022
5	Upgradation of Visual Projection System (VPS)	1	106.39000	106.39000		166.52900	
	TOTAL		309.10579	309.10579	0.00	429.39	

TABLE-3

Approved vide letter No. DIR(T)-351/08/1288 dated 10.09.2019.

1	Procurement & Installation of AC machines in SLDC control room	16 no.	12.00	-	-	8.50	Assets acquired during FY 2019-20
2	Procurement of computer and peripherals for SLDC control room & office	-	15.72	-	-	15.72	Assets acquired during FY 2019-20
	TOTAL		27.72	0.00	0.00	24.22	

TABLE-4

Approved vide letter No. DIR(T)-351/08/1298 dated 16.11.2020.

1	Procurement & Installation of Firewall device at SLDC	01 no.	21.00	-	-		Not Procured
	TOTAL		21.00	0.00	0.00	0.00	

Position wise Role & Responsibilities proposed

1. Chief Load Despatcher

The SLDC function shall be headed by a Chief Load Despatcher in the rank of a Director. He shall be assisted by two Sr. Load Despatchers one in the rank of CGM and the other in the rank of Sr. GM for conducting the real time grid operation / support services and commercial activities respectively. For technical assistance one Executive Assistant in the rank of DGM and one no. of Sr. Private Secretary shall be attached to the Chief Load Despatcher. All technical function Heads shall be reporting to their respective Sr. Load Despatchers. The position wise role and responsibility are detailed in the tables.

2. Grid Operation headed by CGM (Grid Operation)

The details of manpower and functions under CGM (Grid Operation) are given in the table below. For technical assistance one Executive Assistant in the rank of Dy. Manager and one no. of Private Secretary shall be attached to the C.G.M.

Work	Function	Manpower
A. Real time operation headed by GM(Elect), Operation:		
1.1 Real Time Operation	Generation Despatch <ul style="list-style-type: none"> •Real time generation dispatch as per merit •Scheduling revisions Transmission Despatch <ul style="list-style-type: none"> •Network monitoring and control •Congestion management •Voltage & VAr control 	1 No DGM (E) SLDC – 4 groups 5 Nos. of Executives in each group consisting of 1 No. AGM (E) 1 No. Manager (E) 1 No. Dy. Manager (E) 1 No. Asst. Manager (E) 1 No. AM(T) Total-21 nos.
Operational Planning	<ul style="list-style-type: none"> •Operational System Analysis •Shutdown planning •Operational report preparation •Management of data base •Transmission / Generation availability Monitoring •EMS 	1 No. D.G.M. (E) 1 Nos of Dy. Manager (E) Total-2 nos.
SCADA/EMS Group	<ul style="list-style-type: none"> • Monitoring of communication link availability such as Optical Fiber, MW, PLCC etc.(to be maintained by STU) 	1 No. DGM(T) 2 Nos. Dy. Manager(T) Total - 3 nos.

Work	Function	Manpower
	<ul style="list-style-type: none"> • Monitoring of RTU availability in coordination with STU Telecom Dept. • SCADA System (hardware) maintenance. • To develop suitable MIS for grid monitoring. • Maintaining Historical database. • Interface with ULDC project. • To build up accounting oriented information system. • Co-ordination with all Sub-SLDCs 	
B. Operation Services, MIS & Regulatory Affairs headed by G.M.(Elect). (OS, MIS& RA)		
Operation Services Group	<ul style="list-style-type: none"> • Demand forecast- Short term (Day ahead & Month ahead) • Day ahead scheduling of generation and optimization, in coordination with the State generators, ISGS allotment and neighboring utilities such as CGP, DISCOMs, etc. • Scheduling of drawl of DISCOMs • Maintenance of Historical data and database. • Short term transaction (Open Access) coordination with traders • Off-line load flow study for outage planning and real time operation • Network Security and disturbance Analysis • Protection coordination • Implementation plan for intra state ABT 	<p>1 No DGM (E) 1 No AGM (E) 1 No. Manager (E) 4 No A.M. (E) Total- 7 nos.</p>
MIS & RA	<ul style="list-style-type: none"> • Data Archiving & Management report preparation • System Study • Incident Reporting & Disturbance Analysis • Meetings • Technical Library • OERC Reporting • ARR • Regulation and Regulatory 	

Work	Function	Manpower
	matters	
LEGAL	<ul style="list-style-type: none"> All legal matters 	1 No. Dy. Manager(Legal)

3. Commercial Group headed by Sr. General Manager (Commercial)

The details of manpower and functions under Sr. General Manager (Commercial)) are given in the table below.

Work	Function	Manpower
Commercial, TS & C & M shall be headed by GM(Elect):		
Commercial Group	<ul style="list-style-type: none"> Reviewing Long term contracts and Short term contracts Energy meter data collection & compilation Review of metering arrangement for Short-term contracts. Development of Billing & Settlement procedures and keeping of accounts of energy transacted. Preparation of UI bill for intra state utilities in case of implementation of Intra state ABT. Preparation of State Energy Accounting and Bills for State Distribution Utilities. 	1 No AGM (E) 2 Nos Managers (E) 2 Nos Dy. Manager (E) 3 Nos A.M. (E) Total - 08 nos.
Technical Services / Contract & Material Management Group	<ul style="list-style-type: none"> AC/DC auxiliary supply Diesel generator operation and maintenance UPS, battery / charger maintenance Safety Civil works maintenance. Air conditioning plant maintenance. Award of contract and contract execution Material management and maintenance of stores. 	1 No D.G.M. (E)

4. SUPPORT SERVICES FOR SLDC UNDER DIRECTOR, SLDC

The functions directly controlled by Director, SLDC are given in the Table below.

A. HUMAN RESOURCES MANAGEMENT	<ul style="list-style-type: none"> Manpower planning, Training, Budgeting & placement Personal services (Leave / Loan / Recoveries etc) 	1 No. G.M. (HR) 1 No. DGM (HR) 1 No Dy. Manager (HR) Total – 3 no.
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	<ul style="list-style-type: none"> • Installation Security and safety • Human resource development • Public Relation • Administration. 	
B. FINANCE	<ul style="list-style-type: none"> • Drawing and Disbursing functions • Auditing and Reconciliation • Maintenance of asset registers • Budget & Accounts 	1 No. DGM (F) 1 No. Dy. Manager (F) 1 No. Jr. Manager (F) Total - 3 nos.
C. SECRETARIAL STAFF	<ul style="list-style-type: none"> • Day to day secretarial work 	4 Nos. Office Assistant 4 Nos. Steno / Comp. Asst. Total - 8 nos.

Abstract of Staff Requirement for SLDC

1. Executive Staff Requirement:

Sl. No.	Category of Posts	Total Nos.
1	Director (Chief Load Despatcher)	01
2	Executive Assistant to Director [DGM(E)]	01
A. GRID OPERATION		
REAL TIME OPERATION		
3	CGM (Elect)	01
4	Executive Assistant to CGM [Deputy Manager (E)]	01
5	General Manager (Elect)	01
6	DGM (Elect)	01
7	AGM (Elect)	04
8	Manager (Electrical)	04
9	Deputy Manager (Electrical)	04
10	Assistant Manager (Electrical)	04
11	Assistant Manager (Telecom)	04
OPERATIONAL PLANNING		
12	DGM (Elect)	01
13	Deputy Manager (Electrical)	01
SCADA		
14	DGM (Telecom)	01
15	Deputy Manager (Telecom)	02
OS, RA & MIS		
16	General Manager (Elect)	01
17	DGM (Elect)	01
18	AGM (Electrical)	01

Sl. No.	Category of Posts	Total Nos.
19	Manager (Electrical)	01
20	Assistant Manager (Electrical)	04
21	Deputy Manager (Law)	01
COMMERCIAL SERVICES		
22	Sr. General Manager (Elect)	01
	Commercial, Tech Services, Contract & Material Management	
23	General Manager (Commercial, TS, C&M)	01
	COMMERCIAL	
24	AGM (Elect)	01
25	Manager (Electrical)	02
26	Deputy Manager (Electrical)	02
27	Assistant Manager (Electrical)	03
	TECHNICAL SERVICES / CONTRACT & MATERIAL MANAGEMENT	
28	DGM (Electrical)	01
HRM		
29	General Manager (HR)	01
30	DGM (HR)	01
31	Deputy Manager (HR)	01
FINANCE		
32	DGM (Finance)	01
33	Deputy Manager (Finance)	01
34	Junior Manager (Finance)	01
SECRETARIAL		
35	Sr. PS to Director	01
36	PA / PS	01
	TOTAL EXECUTIVES	59

2. Non-Executive Staff Requirement:

Sl. No.	Category of Posts	Total Nos.
1	Steno / Comp. Asst.	04
2	Office Assistant	04
	TOTAL NON-EXECUTIVES	8

Total staff requirement proposed for SLDC=1+2 =59+8=67 Nos.

Computation of Installed Capacity of OHPC Stations for FY 2020-21

ANNEXURE – III



ଓଡ଼ିଶା ଜଳ ବିଦ୍ୟୁତ୍ ନିଗମ ଲିମିଟେଡ୍ 

(ଓଡ଼ିଶା ସରକାରଙ୍କ ଏକ ଉପକ୍ରମ)

ଓଡ଼ିଶା ରାଜ୍ୟ ଆରକ୍ଷା ବୃହତ୍‌ନିଗମ ଏବଂ ସମାଜିକ ସେବା ନିଗମ ଭବନ, ବାଙ୍କୀବିହାର ରୋଡ୍, ନବପଥ, ଭୁବନେଶ୍ୱର-୭୫

ଫୋନ୍: ୯୧-୦୬୭୪-୨୫୪୨୯୮୧, ୨୫୪୨୯୮୦୨, ୨୫୪୨୯୯୨୭, ୨୫୪୨୯୮୨୭, ଫାକ୍ସ: ୨୫୪୨୯୮୦୨

ODISHA HYDRO POWER CORPORATION LTD.

(A GOVT. OF ODISHA UNDERTAKING)
CIN: U40101OR19955GC003963

REGD. OFFICE : ODISHA STATE POLICE HOUSING & WELFARE CORPORATION BUILDING, VANIVIHAR CHOUK, JAMPATH, BHUBANESWAR-751 022
PHONE : 91-0674-2542981, 2542802, 2545526, 2542826, FAX : 2542102
E-mail: ohpc.co@gmail.com / info@ohpcotd.com, Website : www.ohpcotd.com

By Fax/E-mail

File No.: OHPC-329/2008(Vol-IV)/ OERC (Misc. Case Matter) 6/79 dt. 20-10-2020

To
The Director / Chief Load Despatcher,
SLDC, OPTCL,
P.O. Mancheswar Railway Colony,
Bhubaneswar-17.

Sub: Average Available Capacity of OHPC Power Stations for the FY 2021-22 for computation & sharing of SOC & MOC by OHPC - Regarding.

Ref: Your Letter No. 3538 Dtd. 13.10.2020.

Sir,
With reference to the letter under reference on the captioned subject, the tentative daily average MW availability from OHPC Power Stations during the FY 2021-22 is furnished in the table below for sharing of SLDC Charges (SOC & MOC) by OHPC / GRIDCO.

Tentative daily average MW availability from OHPC Power Stations during the FY 2021-22

Power Station	Generating Units	Installed Capacity (MW)	Nature of Shutdown	Shutdown Period		Days Unavailable	Days Available	Per Day Average MW Availability
				From	To			
BHHP	#1	60	Under R&M	05.08.2016	27.01.2021	0	365	60
	#2	60	Under R&M	20.11.2017	31.01.2021	0	365	60
	#3	60	Programming for R&M	31.12.2020	12.03.2022	365	0	0
	#4	60	Programming for R&M	31.12.2020	31.05.2022	365	0	0
	#5	60	Annual Maintenance	09.08.2021	08.09.2021	31	334	55
	#6	60	Annual Maintenance	14.09.2021	13.10.2021	30	335	55
	#7	75	Annual Maintenance	20.10.2021	18.11.2021	30	335	69
	#8	75	Annual Maintenance	27.12.2021	25.01.2022	30	335	69
Sub-Total		510	Per Day Average MW Availability of BHHP			31	334	45
IHHP	#1	49.5	Annual Maintenance	01.03.2022	31.03.2022	31	334	45
	#2	49.5	Annual Maintenance	01.12.2021	31.12.2021	31	334	45



ଓଡ଼ିଶା ଜଳ ବିଦ୍ୟୁତ୍ ନିଗମ ଲିମିଟେଡ୍ ODISHA NEW OPPORTUNITIES

(ଓଡ଼ିଶା ସରକାରଙ୍କ ଏକ ଉପକ୍ରମ)

ଓଡ଼ିଶା ରାଜ୍ୟ ଆରକ୍ଷା ସୁରକ୍ଷିତ ଏବଂ ସମାଜିକ ନିଗମ ଭବନ, ଭାଗ୍ୟବିହାର ଛକ, କଟକ, ଭୁବନେଶ୍ୱର-୭୫

ଫୋନ୍: ୯୧-୦୬୭୪-୨୫୪୨୧୮୩, ୨୫୪୨୮୦୨, ୨୫୪୫୫୨୫, ୨୫୪୨୮୨୫, ଫାକ୍ସ: ୨୫୪୨୯୦୨

ODISHA HYDRO POWER CORPORATION LTD.

(A GOVT. OF ODISHA UNDERTAKING)
CIN: U40101OR19955GC003963

REGD. OFFICE : ODISHA STATE POLICE HOUSING & WELFARE CORPORATION BUILDING, VANVIHAR CHOUK, JANPATH, BHUBANESWAR-751 022

PHONE : 91-0674-2542983, 2542802, 2545526, 2542826, FAX : 2542102
E-mail: ohpc.co@gmail.com / info@ohpc Ltd.com, Website : www.ohpc Ltd.com

	#3	32	Annual Maintenance	01.01.2022	30.01.2022	30	335	29	
	#4	32	Annual Maintenance	01.02.2022	28.02.2022	28	337	30	
	#5	43.6	Under R&M	25.10.2016	31.05.2021	61	304	36	
	#6	43.6	Under R&M	16.10.2015	31.05.2021	61	304	36	
	#7	37.5	Available	-	-	0	365	37.5	
	Sub-Total	272.8	Per Day Average MW Availability of HHHP					258.5	
CHEP	#1	24	Capital Maintenance	03.01.2022	31.03.2022	88	277	18	
	#2	24	Annual Maintenance	15.11.2021	14.12.2021	30	335	22	
	#3	24	Available	-	-	0	365	24	
	Sub-Total	72	Per Day Average MW Availability of CHEP					64	
RHEP	#1	50	Maintenance & Repairing	01.04.2021	30.04.2021	30	335	46	
	#2	50	Annual Maintenance	01.11.2021	30.11.2021	30	335	46	
	#3	50	Maintenance & Repairing	01.05.2021	31.05.2021	31	334	46	
	#4	50	Annual Maintenance	01.06.2021	30.06.2021	30	335	46	
	#5	50	Annual Maintenance	01.10.2021	31.10.2021	31	334	46	
	Sub-Total	250	Per Day Average MW Availability of RHEP					230	
UKHEP	#1	80	Annual Maintenance	07.02.2022	08.03.2022	30	335	73	
	#2	80	Annual Maintenance	01.12.2021	30.12.2021	30	335	73	
	#3	80	Available	-	-	0	365	80	
	#4	80	Annual Maintenance	03.01.2022	02.02.2022	31	334	73	
	Sub-Total	320	Per Day Average MW Availability of UKHEP					299	
UHHP	#1	150	BP Valve overhauling/ Annual Maintenance	01.06.2021	30.07.2021	90	275	113	
	#2	150	BP Valve overhauling/ Capital Maintenance	01.03.2022	30.03.2022	-	-	-	
	#3	150	BP Valve overhauling/ Annual Maintenance	01.06.2021	30.07.2021	151	214	88	
	#3	150	Annual Maintenance	01.10.2021	28.02.2022	-	-	-	
	#3	150	Annual Maintenance	09.11.2021	09.12.2021	30	335	137	



ଓଡ଼ିଶା ଜଳ ବିଦ୍ୟୁତ୍ ନିଗମ ଲିମିଟେଡ୍ ODISHA NEW OPPORTUNITIES

(ଓଡ଼ିଶା ସରକାରଙ୍କ ଏକ ଉପକ୍ରମ)
ଓଡ଼ିଶା ରାଜ୍ୟ ଆଇରନ୍ ଲୁହାରିଙ୍ଗ ଏବଂ ସମାଜକଲ୍ୟାୟ ନିଗମ ଭାବେ, ରାଜ୍ୟନିକ୍ଷେପ ଛକ, ଜନପଥ, ଭୁବନେଶ୍ୱର-୭୫
ଫୋନ୍: ୯୧-୦୬୭୪-୨୫୪୨୯୮୩, ୨୫୪୨୯୮୦୨, ୨୫୪୫୫୨୫, ୨୫୪୨୮୨୫, ଫାକ୍ସ: ୨୫୪୨୧୦୨

ODISHA HYDRO POWER CORPORATION LTD.

[A GOVT. OF ODISHA UNDERTAKING]
CIN: U40101OR1995SGC003963

REGD. OFFICE : ODISHA STATE POLICE HOUSING & WELFARE CORPORATION BUILDING, VANIVIHAR CHOUK, JANPATH, BHUBANESWAR-751 022
PHONE : 91-0674-2542983, 2542092, 2545526, 2542626, FAX : 2542102
E-mail: ohpc.co@gmail.com / info@ohpcpltd.com, Website : www.ohpcpltd.com

		Maintenance					
	150	Available	-	-	0	365	150
Sub-Total	600	Per Day Average MW Availability of UHHEP					488
Gross Total OHPC	2027.5	Per Day Average MW Availability of OHPC					1707.5 Or Say 1708

In view of the above the proposed available MW capacity of OHPC power stations may be considered as 1708 MW during the FY 2021-22 for calculation & sharing of SLDC Charges (SOC & MOC) by OHPC.

Yours faithfully,

Director (Operation)
OHPC Ltd. BBSR

- CC: 1) Secretary, OERC, Bidyut Niyamak Bhawan, Plot No.4, Chunukoli, Safiashree Vihar, Bhubaneswar-21 for kind information.
2) CGM (PP), GRIDCO, Bhubaneswar for information & necessary action.
3) Director (Finance), OHPC Ltd. for information.

ANNEXURE-IV



ODISHA POWER TRANSMISSION CORPORATION LIMITED
 (A Government of Odisha Undertaking)

REGD. OFFICE: JANPATH: BHUBANESWAR- 751 022

Tel: 0674-2541499; Fax- 0674-2542904

Sr.GM-CPC-III-Tender-Telecom-VPS-01/2018 828(15) Dated: 23-02-19

From,
 Chief General Manager,
 Central Procurement Cell,
 OPTCL, Bhubaneswar.

To
 Proglity Technologies Pvt. Ltd.
 Plot No. 382, 2nd Floor,
 Behind Saheed Nagar Police Station,
 Bhol Nagar, Bhubaneswar - 751022, Odisha
 e-mail: helpdesk.kolkata@proglitytech.com
 sidharth.patnaik@proglitytech.com

Sub: Work order for up-gradation and enhancement of VPS System at SLDC and Comprehensive annual maintenance contract of the System for 03(Three) Years.

NIT: Sr.G.M-CPC-Tender-Telecom-VPS-SLDC-26/2018-19

Dear Sirs,

With reference to the above, Odisha Power Transmission Corporation Limited is hereby pleased to place this work order for supply of Materials required for LED Upgrade & Enhance of Lamp based LVS, 70" SXGA+ LED Lit Video wall along with accessories, installation & commissioning of the same and Comprehensive Annual Maintenance contract of the system for 03Years as per the terms & condition of the tender and price detailed below for up-gradation and enhancement of VPS System at SLDC.

The detailed are as below.

1.0 SCHEDULE OF PRICE:

Sl No	Description of Items	Quantity	Unit taxable Price (Rs)	Rate of GST	Total Price including GST (Rs)
1	Materials required for LED Upgrade of Lamp based LVS.	08 Cubes	7,53,205.00	18%	71,10,255.20
2	70" SXGA+ LED Lit Video wall.	08 Cubes	9,13,462.00	28%	93,53,830.88
3	Installation & Commissioning of LED Upgrade of Lamp based LVS.	08 Cubes	10,000.00	18%	94,400.00
	Installation & Commissioning of 70" SXGA+ LED Lit Video wall.	08 Cubes	10,000.00	18	94,400.00
Total					1,66,52,906.08
Say					1,66,52,906.00

(Rupees One Crore Sixty Six Lakhs fifty Two Thousand Nine hundred Six) only.

[Handwritten signature and date: 23/2/19]

ANNEXURE-V

ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଡି.
ODISHA POWER TRANSMISSION CORPORATION LIMITED
 (A Government of Odisha Undertaking)
 Regd. Office: Janpath, Bhubaneswar-751022
 Telephone: (0674) 2540051 (SPASX) Website: www.optransco.com
 CIN: U41200OR2004530001593

File No. TW/IT-375/2015/244 **2745** Dated: **15/9/2020**

From: Chief General Manager (IT),
OPTCL, Bhubaneswar.

To: **M/s. Wizardtech Informatics Pvt. Ltd.**
5, Gopabandhu Square,
1st Floor, Bhubaneswar - 751 012. (Kind Attention Mr. Pritam Mohanty)

Sub: - Annual Maintenance Contract of License, UTM, Servers, Storage, KVM Switches, Precision AC, PC, Printers etc. at SLDC. (AMENDMENT WORK ORDER)

Ref:- 1) Vide W.O. No. TW-IT-375/2015/Vol-II/1835 dated 30-06-2020
2) Your letter No. Nil dated 15/09/2020

Dear Sir,

With reference to the letter and Work Order mentioned above, the following amendment to the work order is made and issued in your favor for comprehensive AMC of under mentioned equipment as per terms and conditions mentioned hereunder. As this is a comprehensive AMC you are required to supply necessary OEM spare parts/ materials required for carrying out the AMC work as per SLA.

1. SCOPE OF WORK:-

Sl. No	Description	Qty. in Nos.	AMC Unit price in Rs. Per Annum (Excluding GST.)	GST Taxable Value	AMC Total Price in Rs. for one year (Excluding GST)
01	Blade Server(H/W/HP Proliant BL460c Gen 9) Part No. 813138-811	12	56341	121696	797782
02	KVM (H/W)Model APC KVM 1115P	1	31305	5634	36935
03	Access Control with 10nos. Finger print and 10nos. Swipe Cards(H/W)(BOYCH)	2	39336	14161	93833
04	Precision AC(H/W)Make-Schneider Model- UniSp8	2	105442	37959	248842
05	Blade enclosure with SAN Switch(H/W)(HP Model-C7000	1	309036	35788	365724
06	Router(H/W) HP Model MSR3064	1	37605	6805	44610
07	SAN Storage with capacity of 20 TB(H/W) HP Model 3PAR 8400	1	498596	89747	588343
08	UTM (Unified Threat Management) for Firewall (H/W)(Cybercam A Sophos)	1	187200	33696	220896
09	Red Hat Enterprise Linux server OS Software with 2 Socket standard Support	6	35489	38328	251262
10	Red Hat Enterprise Virtualization with Red Hat Virtualization manager software with 2 Socket standard Support	14	44328	111706	732296
Total Price Incl. GST				Rs 33,79,525/-	

Rupees: (Thirty Three Lakhs Seventy Nine Thousand Five Hundred Twenty Five) only incl. GST.

Accepted

Accepted

ANNEXURE-VI

Ensure

AMC

SLDC DC

(24/04/2020 to 27/10/2020)

4159



ଓଡିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.8.
ODISHA POWER TRANSMISSION CORPORATION LIMITED
 (A Government of Odisha Undertaking)
 Regd. Office: Janpath: Bhubaneswar-751022.
 Telephone: (0674) 2540051 (EPABX), Website: www.optcl.co.in
 CIN: U4102OR2004SGC007553

File No. TW-IT-430/2012/ **1425**

Dated. 12.05.2020

From
 Chief General Manager (I.T.),
 OPTCL, Bhubaneswar.

To
 M/s Ensure Support Services India Ltd,
 Plot No.A/27 , 1st Floor
 Saheed nagar
 Bhubaneswar -751007 (Kind Attention Mr. Rashmi IMS- Sales)

Sub:- Renewal AMC of PC, PRINTER, SERVER, ONLINE UPS & Network active components at SLDC DC.

- Ref:-**
- i) Letter Ref: ESSIL/BHU/OPTCL/RENWAL/21042021-1 dtd. 21.04.2020
 - ii) Letter Ref: ESSIL/BHU/OPTCL/RENWAL/19042019-2 dtd. 19.04.2019
 - iii) Work order No. TW-IT-430/2012/1995 dated 21.04.2018
 - iv) e- Tender Notice No. TW-IT/QT/09/2016-17 DATE: 10-10-2017.

Dear Sir,

With reference to your offer mentioned above, the undersigned is pleased to issue this work order in your favor for comprehensive AMC of under mentioned equipment as per terms and conditions mentioned hereunder. As this is a comprehensive AMC you are required to supply necessary spare parts/ materials required for carrying out the AMC work.

1. SCOPE OF WORK:-

Sl. No.	Description	Qty. in Nos.	AMC Unit price in Rs. for 6 months (Taxable Value)	GST on Taxable Value	AMC Total Price in Rs. for 6 months (Including taxes)
01	Database servers Make & Model: Hp proliant DL 580G5 (Back to back support from the OEM)	2	29000	5220	68440
02	Application Servers Make HP & Model: 580G5 (Back to back support from the OEM)	4	29000	5220	136880

M

03	P.C. Make & Model-HP Compaq DX 2480	3	200	36	708
04	Laser Printer (mono): HP CP2015 dn	1	800	144	944
05	Laser Printer(Color): HP CP2025 Dn	1	800	144	944
06	1 Rack Mount KVM Switch with cables: ATENKL9108	1	5250	945	6195
07	30 KVA Online UPS/1hr Back up APC(SUVTP30KII) (Back to back support from the OEM)	2	42000	7560	99120
08	Layer-3 24 Port Switch 10/100/1000 Mbps Network Managed Switch (WS-C4503-E (Cisco) PWR-C45-1000AC, CAB-SABS-C15-IND, WS-X4013+TS,WS-X4424-GB- RJ45, S451PB-12237SG) 2 line card + 1 gig port card (Back to back support from the OEM)	1	62250	11205	73455
09	Layer-2 24 Port Switch 10/100/1000 Mbps Network Managed Switch (Cisco (WS-C2960G-48TC-L), CAB-ACE)	1	2500	450	2950
10	Layer-2 24 Port Switch 10/100/1000 Mbps Network Managed Switch (Cisco (WS-C2960G-24TC-L), CAB-ACE)	3	2000	360	7080
11	Storage Area Network (SAN) 2 TB expandable up to 7TB (EVA 4400HP storage works) (Back to back support from the OEM)	1	137500	24750	162250
12	LTO Tape Drive (HP LT04 Ultrium 1840) (Back to back support from the OEM)	1	25000	4500	29500
13	SAN Switch (HP storage works 8/8 SAN Switch)	2	19250	3465	45430
14	Router (Cisco-2811-SEC/K9, WIC-2T,CAB-SS-V35MT,S28NASK9-12403,PWR-2811-AC,CAB-ACE, ROUTER-SDM-MEM2800-256D-INC, MEM2800-64CF-INC,ACS-2811-STAN)	1	5000	900	5900
Total Price Incl. Taxes			6,39,796.00		

Rupees: (Six lakhs Thirty Nine Thousand Seven Hundred Ninety Six) Only incl. GST.

2. VALIDITY OF THE CONTRACT:

This contract shall remain valid for **6 (Six) months** with effect from **28.04.2020 to 27.10.2020**.

3. TERMS OF PAYMENT:-

Payment of **Rs.3, 19,898.00** (Rupees Three Lakhs Nineteen Thousand Eight Hundred Ninety Eight) including GST, only shall be made to you after completion of each quarter of services satisfactorily.

RL

1426

N.B: All other terms and conditions remains same as per the original work order no. TW-IT-430/2012/1995 dated 21.04.2018 & TW-IT-430/2012/2514 dated 26.06.2019. If any clause is found to be missing, terms and conditions of the tender specification may be referred to.

Yours faithfully,

Encl:- Extra copy of the work order.



Sr. General Manager (I.T.)

Memo No. 1426

/Dated. 12.05.2020

Copy to DDO, SLDC (Mancheswar)/CLD, SLDC/CGM (F) Budget/ DGM (Fin.), I.T.Dept., OPTCL, Bhubaneswar for information and necessary action.



Sr. General Manager (I.T.)

