

# ANNEXURE - 12

  
(Purushottam Singh)  
Director (Operation)  
UJVN Ltd.  
Dehradun

## ERP Expenses

## ERP Expenditure under "Computer Head"

Financial Year	Capital Expenditure (Paid) (₹)	Capital Expenditure (Proposed) (₹)	Total (₹)
FY 2018-19	170,127,118.00	57,188,037.00	227,315,155.00
FY 2019-20	-	9,700,000.00	9,700,000.00
<b>Total</b>	<b>170,127,118.00</b>	<b>66,888,037.00</b>	<b>237,015,155.00</b>

  
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Additional Capitalization Proposed for the FY 2018-19					
Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land				
B	Building				
C	Major Civil Works				
D	Plant & Machinery				
1	Wiring of field Hostel at Koti colony	0.37	Old wiring of the Buliding was totally damage and need to be replaced	Users Saftey will be reliable	Rates are taken as per offer
2	Installation of new separte circuit for UJVNL empolyess in dakpathar colony	1.50	As per Direction of UERC Distribution Business has been Transferd to UPCL. In dakpathar Colony UJVNL & Non UJVNL Consumers are living together and now it is necessary to separte the UJVNL consumers supply System for proper energy accounting	Energy accounting will be accurate and reliability of supply will be incressed	Rates are taken as per offer
3	Procurment of Line material i.e pols insulators erth wire, wires	0.50	Material for proper maintance of lines under PDD dakpathar	Proper maintance of lines will be esy and breakdown time will be reduced	As per market survey
4	LED lights for Dam Inspection Gallery/ Dam permises & Solar street lights with complete assembly.	0.50	Procurement of energy saver equipments	To reduce the power consumption resulting in safe environmet	Solar: As per GOI(Ministry of new & renewable enery) circular 318/38/2018-GCRT/dt : 15.06.18. LED: As per Market Survey
5	Over hauling of Hoist system of Barrage gates no. 18 of Dakpathar Barrage	0.25	It is utmost required for reliable and smooth operation during monsson period. The gate is not operatable due to broken of stem & shaft.	Better & reliable operation of gate.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand
6	Supply,Installation & commissioning of CCTV system at Inspection House, Dakpathar	0.10	It is necessary for the saftey of inspection house.	For safety, regular monitoring of trespassers at Inspection House.	Open Tender

  
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7	Supply, Installation & commissioning of LED Lights at Dakpathar Barrage, Dakpathar	0.25	Due to insufficient of lighting , it is necessary to improve the lighthing for proper visualisation of near by area and to check unwanted outsiders, by using energy saving & low maintenance cost lights for aesthetic look of inspection house.	For enhancement of visibility in night.	Open Tender
		3.47			
E	Vehicles	-			
F	Furniture & Fixtures				
1	Procurement of Furniture for Inspection House, Dakpathar	0.12	Due to non availability of furnitruie at inspection house, it is required to better stay of visitors.	To renovation work of Guest House.	Through Limited Tender
		0.12			
G	Office Equipment	-			
	<b>Total</b>	<b>3.59</b>			

  
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## Name of Project : Head Quarter

Additional Capitalization Proposed for the FY 2018-19					
Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land	-			
B	Building	-			
1	Construction of PEB Corporate office	18.00	Due to increasing the strength of employees more space is required as the Temp. Office Buildings are unable to fulfil the necessary requirement.	Because of increasing the strength of employees another office building is required.	Rates has been taken from DSR, which are minimum to complete the work.
2	Construction Training Centre Cum Sports Complex	0.50	For Training as well as lecture to Employees of Nigam is not sufficient.	To provide sufficient space for training and lecture to the employees	Rates has been taken from DSR, which are minimum to complete the work.
3	Renovation and Upgradation of Typ-I Residences	0.30	Type-I Residential Buildings at Yamuna Colony belonging to UJVNL are very old. In past few years residents of these residences complaining for various works (i.e. Doors, change of windows and laying of Floor Tiles etc.)	Residences are very old and need Renovation	Rates has been taken from DSR, which are minimum to complete the work.
		18.80			
C	Major Civil Works	-			
1	Costruction of Outer Most Boundry Wall of Yamuna Colony	0.50	As per order No. 710/2018(2)-11/07(03)/2018 dated 15-05-2018 issued by Principal Secretary, Uttarakhand Shashan, Outer most Boundary Wall of Yamuna Colony has been Handed Over to UJVN Ltd. by The Irrigation Deptt.	Security point of view Boundary wall is required	Rates has been taken from DSR, which are minimum to complete the work.
		0.50			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	19.30			

  
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Additional Capitalization Proposed for the FY 2019-20					
Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land				
B	Building				
C	Major Civil Works				
D	Plant & Machinery				
1	Replacement of condutor and assories of 33kv Lines under PDD dakpather (33KM)	2.50	Existing 33kv lines are 60 years old and due to aging condutor has been got damaged and week in hole area . Due to weekness of condutor accident may occourd at any place . Therefor the replacement of condutor ans asseries is very ergent	Breakdown and Intruption of supply will decrease. The chance of Accidents will also decrease.	Rates as Per market Survey
2	Renovation and Modernization of 33Kv Sub stations at Kulhal and haaripur	2.86	Existing Switch Gear of both Sub stations Very Old (60 Year). At persent time Due to long time operations all the switch gear are not in long opeartionable. Spears and services relaed to these switch gear is not available in the Market So replacement of all switch gear is recuried immeditaly	The operatios of the sub stations will be smooth and safe for unintruption supply	Rates as Per Offers
3	Replacement of condutor and assories of 11Kv Lines Under Pdd Dakpather. (10KM)	0.50	Existing 11kv lines are 60 years old and due to aging condutor has been got damaged and week in hole area . Due to weekness of condutor accident may occourd at any place . Therefor the replacement of condutors is necessary.	Breakdown and Intruption of supply will decrease. The chance of Accidents will also decrease.	Rates as Per market Survey
4	Renovation of hoisting arrangement of Flushing Conduit gate No-1, 2 & 3 of Ichari dam in District Dehradun.	1.50	Batter & reliable operation of Flushing conduit gate resulting in reduced down time.	It will reduced the required shutdown for the opeartions of the FC Gates	Market Survey.
5	Under water replacement of Sill beam of Stop log gates of spillway Gate No 2 &4 including repair of damaged Tguide & Back Guides .	1.00	To save the Dam structure.	It will directetly improve the maintenance aspect of spillway gates resulting in reduced generation losses.	Market Survey.

  
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6	Procurement of 160kVA DG Set	0.25	To facilitate the alternate Lt Supply in case of Disaster/Earthquake.	In case of power failure due to any Disaster, there must be a sufficient source of uninterrupted LT supply for the smooth operations of Dam	Market Survey.
7	Engineering Design Installation & Installation of kill vest-fuel free solid vest disposer at Ichari Dam	0.40	To make the environment pollution free.	will also help to disposal of waste material/trash during cleaning of trash rack.	Market Survey.
8	Disaster management of the Siren facilities at different locations in the Downstream of Ichari Dam upto Killor (Approx 25 kms)	0.40	To save the lifes in case of Disaster due to controlled/Uncontrolled release of Water through Dam.	To save the lifes in case of Disaster due to controlled/Uncontrolled release of Water through Dam.	Market Survey.
9	Procurement of small size tractor for the trolley of TRCM	0.50	For proper disposal of trash & debris from the Damsite.	For proper disposal of trash & debris from the Damsite.	Market Survey.
10	Supply and installation of plumber block of HR gates.	0.10	Proper and reliable operation of gates during monsoon period when frequently used, also to arrest the leakage after monsoon period/during lean period. Which is required to improve the generation at Dhakrani power station.	Better & reliable operation of gates.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand
11	Renovation of Model Room	0.25	Since condition of models present over there are badly broken and in deteriorated form. It is required to restore for better understanding of various constructional aspects and it is also treated as Heritage of civil and Hydro mechanical works.	Restoration/innovation of work	Open Tender
12	Overhauling of Hoist system of under sluice gates (01 to 06) of Dakpathar Barrage	0.80	Proper and reliable operation of gates during monsoon period when frequently used, also to arrest the leakage after monsoon period/during lean period. Which is required to improve the generation at Dhakrani power station.	Better & reliable operation of gates.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand

  
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13	Over hauling of Hoist system of Head Regulator gates (01 to 06) of Dakpathar Barrage	0.50	Proper and reliabe operation of gates during monsoon period when frequently used, also to arrest the leakage after monsoon period/during lean period. Which is required to improove the generation at Dhakrani power station.	Better & reliable operation of gates.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand
		11.56			
E	Vehicles				
1	Proucument of new truck	0.15	Old truck is damaged and need to be replaced with new one	for attending the breakdown of lines systems will be easy	Rates as Per market Survey
		0.15			
F	Furniture & Fixtures				
G	Office Equipment				
	Total	11.71			

  
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Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land	-			
B	Building				
1	Construction of PEB Corporate office	6.58	Due to increasing the strength of employees more space is required as the Temp. Office Buildings are unable to fulfil the necessary requirement.	Because of increasing the strength of employees another office building is required.	Rates has been taken from DSR, which are minimum to complete the work.
2	Construction Training Centre Cum Sports Complex	2.70	For Training as well as lecture to Employees of Nigam is not sufficient.	To provide sufficient space for training and lecture to the employees	Rates has been taken from DSR, which are minimum to complete the work.
3	Costruction of Boundry Wall of Residences	0.53	For security purpose employees resideing in yamuna colony requested for boundry wall in the courtyard of residences of the Nigam.	Security point of view fencing is required	Rates has been taken from DSR, which are minimum to complete the work.
4	Costruction of Officer's Club at Yamuna Colony, Dehradun	1.60	All Officers are residing in Yamuna Colony with their family. There is no such space for UJVNL officers/ officer's family gathering and other social activities at Yamuna Colony, Dehradun.	To provide sufficient space for gathering and other social activities of Officers and their family.	Rates has been taken from DSR, which are minimum to complete the work.
5	Construction of 2BHK Multi Storey Residential building	3.50	Staff strength of UJVNI is increasing day by day necessitating inreased requirment of residential building for UJVNL staff. Presently available residences in yamuna colony permises are not sufficient to meet nigam's requirment for UJVNL Staff posted at Dehradun.	Strong demand for the base camp type residences for officers and staffs posted at different interior project sites, to care for their medical and educational needs.	Rates has been taken from DSR, which are minimum to complete the work.
6	Construction of 3BHK Multi Storey Residential building	5.00			
7	Construction of (3+1) BHK Multi Storey Residential building	6.00			
8	Major Repair and Extension of Building as per requierment.	0.23	Type-I Residential Buildings at Yamuna Colony belonging to UJVNL are very old. In past few years residents of these residences complaining for various works (i.e. Doors, change of windows and laying of Floor Tiles etc.)	Residences are very old and need Renovation	Rates has been taken from DSR, which are minimum to complete the work.
		26.14			
C	Major Civil Works				
1	Fencing work of Bhatta Ground, Dehradun.	0.58	There is no fencing arround the Bhatta Ground which causing the outsiders to come and occupy the ground. For safety point of view fencing is urgently required.	Security point of view fencing is required	Rates has been taken from DSR, which are minimum to complete the work.

  
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2	Major Repair and Part Construction of Boundary Wall of Yamuna Colony, Dehradun as per requirement.	0.39	As per order No. 710/2018(2)-11/07(03)/2018 dated 15-05-2018 issued by Principal Secretary, Uttarakhand Shashan, Outer most Boundary Wall of Yamuna Colony has been Handed Over to UJVN Ltd. by The Irrigation Deptt.	Security point of view Boundary wall is required	Rates has been taken from DSR, which are minimum to complete the work.
3	Laying of B.M. & S.D.B.C and associated work of internal road of Yamuna Colony	2.65	As per order No. 710/2018(2)-11/07(03)/2018 dated 15-05-2018 issued by Principal Secretary, Uttarakhand Shashan, internal road of Yamuna Colony has been Handed Over to UJVN Ltd. by The Irrigation Deptt.	Colony Road is damaged at so many places which may causes the accidents. Repairing of damaged road is necessary to avoid accident possibilities.	Rates has been taken from PWD SOR, which are minimum to complete the work.
4	Major Repair and Part Construction of Approach road of Galogi Power House as per requirement.	1.79	Approach road to galogi power house was damaged due to heavy rainfall and land slide in monsoon period of year 2018.	There is only one approach road to galogi power house. Hence Repair and maaintenance of Damaged approach road is necessary to maintain the regular approach upto Power House.	Rates has been taken from PWD SOR, which are minimum to complete the work.
		5.41			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	31.55			

  
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Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land	-			
B	Building	-			
C	Major Civil Works	-			
D	Plant & Machinery				
1	SITC Floating trash arrester in the reservoir of Ichari Dam	2.00	minimization of choking of trash racks resulting in reduced downtime.	minimization of choking of trash racks resulting in reduced downtime.	Market Survey
2	Over hauling of Hoist system of Barrage gates (07 to 23) of Dakpathar Barrage	2.30	Proper and reliable operation of gates during monsoon period when frequently used, also to arrest the leakage after monsoon period/during lean period. Which is required to improve the generation at Dhakrani power station.	Better & reliable operation of gates.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand
3	Fabrication & Fixing of spillway gate near HR gate no. 1 at Dakpathar Barrage	0.50	It is required to better regulation of water discharge and increase the ponding capacity of Dakpathar Barrage.	Better regulation of water discharge.	Rates are taken from the offer of Irrigation Department Roorkee Uttarakhand
		4.80			
E	Vehicles				
F	Furniture & Fixtures				
G	Office Equipment				
	Total	4.80			

  
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Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land	-			
B	Building	-			
1-	Costruction of Officer's Club at Yamuna Colony, Dehradun	1.90	All Officers are residing in Yamuna Colony with their famly. There is no such space for UJVNL officers/ officer's family gathering and other social activities at Yamuna Colony, Dehradun.	To provide sufficient space for gathering and other social activities of Officers and their family.	Rates has been taken from DSR, which are minimum to complete the work.
2	Construction of 2BHK Multi Storey Residential building	7.50	Staff strength of UJVNI is increasing day by day necessitating inceased requirement of residential building for UJVNL staff. Presently available residences in yamuna colony permises are not sufficiant to meet nigam's requirment for UJVNL Staff posted at Dehradun.	Strong demand for the base camp type residences for officers and staffs posted at different interior project sites, to care for their medical and educational needs.	Rates has been taken from DSR, which are minimum to complete the work.
3	Construction of 3BHK Multi Storey Residential building	8.00			
4	Construction of (3+1) BHK Multi Storey Residential building	10.20			
		27.60			
C	Major Civil Works	-			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	27.60			

  
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Additional Capitalization Proposed for the FY 2021-22					
Sr. No.	Description	Amount (Rs. In Crores)	Need/Urgency of CAPEX	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
A	Land	-			
B	Building	-			
1	Construction of 2BHK Multi Storey Residential building	2.93	Staff strength of UJVNI is increasing day by day necessitating increased requirement of residential building for UJVNL staff. Presently available residences in Yamuna colony premises are not sufficient to meet Nigam's requirement for UJVNL Staff posted at Dehradun.	Strong demand for the base camp type residences for officers and staffs posted at different interior project sites, to care for their medical and educational needs.	Rates has been taken from DSR, which are minimum to complete the work.
2	Construction of 3BHK Multi Storey Residential building	4.51			
3	Construction of (3+1) BHK Multi Storey Residential building	7.86			
		15.30			
C	Major Civil Works	-			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	<b>Total</b>	<b>15.30</b>			

  
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