

ANNEXURE - 5


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

Name of Project : Dhalipur

Civil Expenses

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	Rennovaion of residential Building Type - I Dhalipur PH Colony	0.25	At present the residence existing in Dhalipur colony are not in good condition so it is required to renovate the existing quarter with floor tiles. These works are need to be taken in capital head.	The residences existing in the colony are very old and the resident regularly demand the floor tiling work in their quarters for asthetic and hygenic living condition.renovation of these quarters will increase the ability of employees and ultimately the uninterrupted power generation.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
		0.25			
C	Major Civil Works	-			
1	Repair Work of Internal Roads of Kulhal and Dhalipur Power House Colony, Dehradun	1.20	Kulhal and Dhalipur Power House Colony are located under Yamuna Hydrel Scheme, operational staff living in these colonies. The internal roads are in bad condition and damaged in various places due to without repair for long time. A number of representations have been received from various Trade Unions/Associations. The matter has also been taken up by concerned Executive Engineers level and there is a need to take up remedial measures towards safety so as to increase its life. These works could not be done in routine O&M works as these work are essential for inspection of associated structures with smooth running of vehicles, easy to operation and maintenance of hydro structures, for maintaining neat and clean aesthetics and fulfills the demand of villagers residing near Power Channel Bank and colony staff.	repair of road is necessary to maintain the road from which heavy machinary trucks are used to transport also employees uses this road to move from colony to power house/barrage. therefore to prevent the accidents and smooth movement and generate of uninterrupted power from power house work is necessary.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.


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2	Development of Tubewell at Dhalipur Colony	0.20	at present dhalipur colony drinking water and dhalipur power house machine cooling water supplied by old infiltration well. Now it has become very old and no other alternate backup for water supply so it is urgently required water supply backup for drinking as well as cooling requirement of machines.	at present dhalipur colony drinking water and dhalipur power house machine cooling water supplied by old infiltration well. Now it has become very old and no other alternate backup for water supply so it is urgently required water supply backup for drinking as well as cooling requirement of machines.	Rate taken in the estimate are based on Jal nigam rate.
		1.40			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	1.65			


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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	-			
		10.04	Payment against Design Design(RMU)		
		10.04			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	10.04			


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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	-			
1	Construction of residential Building Type IV 06 Nos Qtr's at Dhalipur Colony	2.00	At present the residence existing in Dhalipur colony are not in sufficient numbers and employees regularly demands residential quarters wor there residence. The officers and operating staff has been increased therefor there is urgent need to construct residential quarters. These works are need to be taken in capital head.	The residences existing in the colony are not in sufficient numbers and staff is increasing day be day. Construction of these quarters will increase the ability of employees and ultimately the uninterrupted power generation.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
2	Construction of Residential Building Type III 06 Nos Qtr's at Dhalipur Colony	1.40	At present the residence existing in Dhalipur colony are not in sufficient numbers and employees regularly demands residential quarters wor there residence. The officers and operating staff has been increased therefor there is urgent need to construct residential quarters. These works are need to be taken in capital head.	The residences existing in the colony are not in sufficient numbers and staff is increasing day be day. Construction of these quarters will increase the ability of employees and ultimately the uninterrupted power generation.	
3	Construction of Guest House of Asan Colony Dhalipur	2.50	A inspection house has been hand overed by irrigation department to UJVNL. The condition of guest house is vary bad and not in the condition of staying therefore there is a requirement to demolish the old inspection house and construction of new guest house. This work should be considered in capital head as it is not a routine O&M work.	At present quarters are not as per the mark of standard of employees. residences are worn out due to aging and are in very bad condition which may prone to accident. old buildings are threatening the life of family of employees. Renovation and mordanization will fulfill the requirement of employees and also will prevent accidents that will enhance the positivity and ultimately ability and power generation of plants.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
		5.90			
C	Major Civil Works	-			
1	Special Maintenance and Repair work of Asan Colony at Dhalipur, Dehradun.	0.50	Asan Colony is under the control of UK Irrigation but communication for transfer project associated all assts and colonies is to be transfered to UJVNL. Therefore colny works special maintenance and repair work is to be done.	Asan Colony is under the control of UK Irrigation but communication for transfer project associated all assts and colonies is to be transfered to UJVNL. Therefore colny works special maintenance and repair work is to be done.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.


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2	Sewage treatment plant for Dhalipur Colony	0.50	A sewage treatment plant is required to be construct in Dhalipur colony as per the guideline. This work should be considered in capital head as it is not a routine O&M work.	A sewage treatment plant is required to be construct in Dhalipur colony as per the NGT guidelines.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
3	Repair work of Service Road (RHS.) of Power Channel from skew bridge to Dhalipur Power House and internal Roads of Asan Colony	2.00	Asan Barrage Colony are located under Yamuna Hydel Scheme, operational staff living in these colonies. The internal roads are in bad condition and damaged in various places due to without repair for long time. A number of representations have been received from various Trade Unions/Associations. The matter has also been taken up by concerned Executive Engineers level and there is a need to take up remedial measures towards safety so as to increase its life. These works could not be done in routine O&M works as these work are essential for inspection of associated structures with smooth running of vehicles, easy to operation and maintenance of hydro structures, for maintaining neat and clean aesthetics and fulfills the demand of villagers residing near Power Channel Bank and colony staff.	repair of road is necessary to maintain the road from which heavy machinery trucks are used to transport also employees uses this road to move from colony to power house/barrage. therefore to prevent the accidents and smooth movement and generate of uninterrupted power from power house work is necessary.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
4	Dhalipur Power House premises coil fencing and allied works	1.00	for the safety of Power House equipments and store material it is required to protect the premises by fencing .	for the safety of Power House equipments and store material it is required to protect the premises by fencing .	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
4	Land Demarkation	2.55	Initially project civil works was looked up by UK irrigation but at present land has been transfered to UJVNL. Therefore mutation work of land is in progress to demarcate the asset	This will increase the UJVNL asset value.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.


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5	Special Repair & Modernization work of Dhalipur Power House at Dhalipur, Dehradun.	0.80	For Asthetic View and Strengthening & Renovation of window, Doors, Railing's, Floor, Surfaces, Sewage system, Drinking water System of Power House structure Related works and it is required to Facilitate the operation staff at Power House premises. special repair work of dhalipur power house is enhanced, the structural life will increased that will avoid the power generation hindrance	For Asthetic View and Strengthening & Renovation of window, Doors, Railing's, Floor, Surfaces, Sewage system, Drinking water System of Power House structure Related works and it is required to Facilitate the operation staff at Power House premises. special repair work of dhalipur power house is enhanced, the structural life will increased that will avoid the power generation hindrance	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
		7.35			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	13.25			


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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				
		35.90	Payment against supply and RMU works		
		35.90			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	35.90			


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Additional Capitalization Proposed for the FY 2020-21					
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 residential Building Type IV 04 Nos Qtr's at Dhalipur Colony	1.40	At present the residence existing in Dhalipur colony are not in sufficient numbers and employees regularly demands residential quarters wor there residence. The officers and operating staff has been increased therefor there is urgent need to construct residential quarters. These works are need to be taken in capital head.	The residences existing in the colony are not in sufficient numbers and staff is increasing day be day. Construction of these quarters will increase the ability of employees and ultimately the uninterrupted power generation.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
2	Construction of Residential Building Type III 04 Nos Qtr's at Dhalipur Colony	1.00	At present the residence existing in Dhalipur colony are not in sufficient numbers and employees regularly demands residential quarters wor there residence. The officers and operating staff has been increased therefor there is urgent need to construct residential quarters. These works are need to be taken in capital head.	The residences existing in the colony are not in sufficient numbers and staff is increasing day be day. Construction of these quarters will increase the ability of employees and ultimately the uninterrupted power generation.	
3	Construction of Guest House of Asan Colony Dhalipur	2.50	A inspection house has been hand overed by irrigation department to UJVNL. The condition of guest house is vary bad and not in the condition of staying therefore there is a requirement to demolish the old inspection house and construction of new guest house. This work should be considered in capital head as it is not a routine O&M work.	At present quarters are not as per the mark of standard of employees. residences are worn out due to aging and are in very bad condition which may prone to accident. old buildings are threatening the life of family of employees. Renovation and mordanization will fulfill the requirement of employees and also will prevent accidents that will enhance the positivity and ultimately ability and power generation of plants.	
		4.90			
C	Major Civil Works	-			
1	Special Maintenance and Repair work of Asan Colony at Dhalipur, Dehradun.	0.50	Asan Colony is under the control of UK Irrigation but communication for transfer project associated all assts and colonies is to be transfferd to UJVNL. Therefore colny works special maintenance and repair work is to be done.	Asan Colony is under the control of UK Irrigation but communication for transfer project associated all assts and colonies is to be transfered to UJVNL. Therefore colny works special maintenance and repair work is to be done.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.

2	Sewage treatment plant for Dhalipur Colony	0.50	A sewage treatment plant is required to be construct in Dhalipur colony as per the guideline. This work should be considered in capital head as it is not a routine O&M work.	A sewage treatment plant is required to be construct in Dhalipur colony as per the NGT guidelines.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
3	Repair work of Service Road (RHS.) of Power Channel from skew bridge to Dhalipur Power House and internal Roads of Asan Colony	2.00	Asan Barrage Colony are located under Yamuna Hydel Scheme, operational staff living in these colonies. The internal roads are in bad condition and damaged in various places due to without repair for long time. A number of representations have been received from various Trade Unions/Associations. The matter has also been taken up by concerned Executive Engineers level and there is a need to take up remedial measures towards safety so as to increase its life. These works could not be done in routine O&M works as these work are essential for inspection of associated structures with smooth running of vehicles, easy to operation and maintenance of hydro structures, for maintaining neat and clean aesthetics and fulfills the demand of villagers residing near Power Channel Bank and colony staff.	repair of road is necessary to maintain the road from which heavy machinery trucks are used to transport also employees uses this road to move from colony to power house/barrage. therefore to prevent the accidents and smooth movement and generate of uninterrupted power from power house work is necessary.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
4	Dhalipur Power House Asan Colony premises coil fencing and allied works	1.00	for the safety of Power House equipments and store material it is required to protect the premises by fencing .	for the safety of Power House equipments and store material it is required to protect the premises by fencing .	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
5	Sewage treatment plant for Asan Colony, Dhalipur, Dehradun.	1.50	A sewage treatment plant is required to be construct in Asan colony as per the guideline. This work should be considered in capital head as it is not a routine O&M work.	A sewage treatment plant is required to be construct in Asan colony as per the NGT guidelines.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
6	Water Supply Distribution System and Other Related Works at Asan colony.	1.00	Existing water distribution system is constructed at the time of project construction it becomes verely old and some places completely Damaged, So it is required to relaying the whole grid	Existing water distribution system is constructed at the time of project construction it becomes verely old and some places completely Damaged, So it is required to relaying the whole grid	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.


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7	Construction of Community/ Sports Complex at Asan Colony	1.50	At present there is no building present in Dhalipur Colony for sports and other activity, therefore on demand of employee a building is required to construct for indoor sports and other social centre. That will increase the mental satisfaction of the employee which is positive sign for employee as well as for power generation.	At present there is no building present in Dhalipur Colony for sports and other activity, therefore on demand of employee a building is required to construct for indoor sports and other social centre. That will increase the mental satisfaction of the employee which is positive sign for employee as well as for power generation.	Rate taken in the estimate are based on PWD SoR/ DSR/ Rate analysis.
		8.00			
D	Plant & Machinery	-			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	12.90			


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Additional Capitalization Proposed for the FY 2020-21					
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				
		35.90	Payment against supply and RMU works		
		35.90			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	35.90			


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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	-			
C	Major Civil Works	-			
D	Plant & Machinery				
		1.93	Payment against RMU works		
		1.93			
E	Vehicles	-			
F	Furniture & Fixtures	-			
G	Office Equipment	-			
H	Others	-			
	Total	1.93			


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