Bill of Quantities (BOQ)

Clearance of Bhotekoshi/Trishuli river flood deposits at Powerhouse Area of Upper Trishuli 3A HPS

IFB No.: NEAUT3AHPS/2083/084-CST-02

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.2	Insurance of works, loss or damage to equipment, property in connection with the contract and personal injury or death.	PS	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
	Total provisional sums				5,00,000.00 Five lakh rupees only.

Construction work **CPV: 45000000-7 - Construction work**						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.25	Providing and arranging joint survey & submit report of Pre Construction survey and Post construction survey and photos of all works for evidence and measurement during construction, all complete as per the specification and instruction of the site Engineer.	Job	1.00			
1.26	Pumping and dewatering works required as per site condition throughout the project period for the purpose of inspection, equipment dismantalling, during demobilization of inspected and dismantalled materials, etc. all complete as per the specification and instruction of site Engineer.	Job	1.00			
1.27	Providing and fixing 1.2 m high GI barbed wire fencing with 1.8 m RCC posts 150 mm x 150 mm placed every 3 m center-to-center founded in M 15 grade cement concrete, 0.6 m below ground level, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with 9 horizontal lines and 2 diagonals interwoven with horizontal wires, fixed with GI staples, turn buckles etc., all complete as per Technical Specifications. (SS 404) and instruction of site engineer.	Rm	100.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.28	Supply, delivery and installation of 50mm*50mm chainlink mesh gate of size 3.5m*1.5m with necessary metal frame, bracing, post, foundation, etc. all complete as per specification and insruction of site engineer.	Lot	1.00			
1.29	Supply and filling of empty cement bags with red clay, stiching the bags and placing in position including haulage upto 100m to control seepage of water, all complete as per the specification and instruction of the site Engineer.	bag	3,215.00			
1.30	Access road construction by using river bed material along with haulage of construction material upto 1 km as per the specification and instruction of site engineer.	Cum	1,770.00			
1.31	Arranging, installation and operation of axial fan during working period for supporting ventilation work to make oxygenated healthy working environment inside power house area as per specification and instruction of site engineer.	hr	240.00			
1.32	Making the arrangement for ventilation inside power house area for making healthy working environment with flow of fresh air as per the specification and instruction of site engineer.	rm	217.90			
1.33	Providing (including loading, transportation, unloading) and Laying 900mm dia. (internal) Reinforced cement concrete NP3 Flush jointed pipe for culverts/drainage including fixing with cement mortar 1:2 as per Technical Specifications. (SS 701) and instruction of site engineer.	rm	10.00			
1.34	Safety Measures like adequate lighting provision for working during night, ventilation & equipments (safety boot, belt, helmet, notice board and trainings etc.) for the workers, supervisors etc. including electricity arrangements required for work operation.	LS	1.00			
1.35	Excavation in all types of Soil/river bed materials manually including removal of stumps and other deleterious matter, lifts and lead, shoring all complete as per specification and instruction of site Engineer.	cum	3,377.14145			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.36	Excavation in all types of Soil/river bed material manually including dewatering as required, removal of stumps and other deleterious matter, lifts and lead, shoring all complete as per specification and instruction of site Engineer.	cum	10,410.83142			
1.37	Excavation in all types of Soil/river bed material by mechanical means including removal of stumps and other deleterious matter, , lifts and lead, shoring all complete as per specification and instruction of the site Engineer.	cum	69,770.05917			
1.38	Excavation in all types of Soil/river bed material by mechanical means including dewatering, removal of stumps and other deleterious matter, , lifts and lead, shoring all complete as per specification and instruction of site Engineer.	cum	7,420.5537			
1.39	Excavation in hard rock manually with use of chemical, including breaking rock, disposal within all lifts and lead as per , Technical Specifications and instruction of site engineer.	cum	6,020.01526			
1.40	Dismantling of existing RCC structures , sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters as per the specification and instruction of site engineer.	cum	30.00			
1.41	Dismantling of existing steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking all complete as per the specification and instruction of site engineer.	Ton	50.00			
1.42	Unskilled manpower	md	100.00			
1.43	Skilled manpower	md	30.00			
1.44	Hydra Crane (at least 15 Ton capacity)	Hr	40.00			
1.45	Tipper	Hr	30.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.46	Tractor with Trolly	Hr	50.00			
1.47	Loader	Hr	100.00			
1.48	Excavator with breaker	Hr	150.00			

Total Item Price	
VAT (13.00%)	
Grand Total	