MADHYA BHOTEKOSHI
JALAVIDYUT COMPANY LIMITED

Middle Bhotekoshi Hydroelectric Project (102 MW)

Addendum No. 2

APPENDIX 1

BID PRICE SCHEDULE (New Format)

Lot 1: Civil and Hydro-Mechanical Works (EPC Contract)

Contract Identification No. MBJCL/MBKHEP/068/69/EPC-1

CONTENTS

1. BID PRICE NOTICE

The US Dollar portion of the total price of the Bid Price shall not exceed 70% of the total Bid Price.

2. INTRODUCTION

The Milestones stated in the table below relate to the construction progress of the Works under this Contract. They shall be used to regulate the payments and the Delay Damages under this Contract.

The Bidder shall complete the table below and include the price in US Dollars and Nepalese Rupees for the completion of each Milestone. In addition, he shall state the time to completion required for each Milestone. The prices entered into this table by the Bidders shall be reasonable and shall reflect the quantity of work required in order to complete each Milestone. Bids which contain unbalanced prices may be determined to be non-responsive and may be rejected by the Employer. It may arise that the Employer shall ask Bidders to correct Bids which contain unbalanced prices during the contract negotiations.

The Time for Completion of the whole of the Works shall not be more than 1215 days after the Commencement Date. The Contractor can offer a shorter period for the completion of the Works.

The Provisional Sum for the mitigation measures has also been included in the table below. The cost for this Provisional Sum has been estimated by the Employer and included in this table.

3. PROJECT MILESTONES

The Contractor shall be paid according to the terms of the Contract and according to the prices he includes in the following table. The Delay Damages will apply for any delays beyond the Days to Completion after the Commencement Date for the Milestones included in this table by the Contractor.

4. EMPLOYER'S RESTRICTIONS

The Employer has included some restrictions in these Milestones, such as "(Shall not be completed later than 760 days after the Commencement Date)" or "(Total price for this Milestone shall not be less than 1% of the Bid Price)". The Bidders shall consider these

restrictions when completing the table below.

5. VALUE ADDED TAX (VAT)

The Statements sent to the Employer on a regular basis shall include the prices quoted in the tables below by the Contractor and the VAT that shall be charged according to the regulations in force in Nepal.

No VAT shall be applied on the invoices to be raised against the supply of hydromechanical equipment under Milestones MS-1 to MS-16.

VAT at the rate of 13% shall be applicable for the works done under Milestones MS-17 to MS-60, Provisional Sum (PS) and all items under the Bill of Quantities – Rock Support Measures.

6. MODE OF PAYMENT OF MILESTONES

The amounts entered by the Contractor below shall be due for payment to the Contractor when the corresponding Milestones have been completed.

Partial payment shall be made to the Contractor on completion of 20%, 40%, 60%, 80% and finally 100% of MS-28, MS-29, MS-38, MS-39, MS-43, MS-44, MS-46 and MS-55.

The applicable VAT on the invoices shall be added to the prices quoted for each Milestone except MS-1 to MS-16.

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
Importation price of Hydromechanical Equipment (CIF price port of entry)						
MS-1	All metal material and metal parts of the equipment for the Intake Trashrack (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-2	All metal material and metal parts of the equipment for the Desander (Settling Basin) Inlet Stoplogs (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-3	All metal material and metal parts of the equipment for the Desander (Settling Basin) Outlet Stoplogs (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	

MS-4	All metal material and metal parts of the equipment for the Desander (Settling Basin) Flushing Gate and Electro Hoist (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-5	All metal material and metal parts of the equipment for the Fine Trashrack (forebay trashrack) (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-6	All metal material and metal parts of the equipment for the Forebay Outlet Gate and Hydraulic Hoist (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-7	All metal material and metal parts of the equipment for the Pressure Shaft Steel Lining, Bifurcations and Manifolds (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	

MS-8	All metal material and metal parts of the equipment for the Butterfly Valve Downstream of Surge Shaft (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-9	All metal material and metal parts of the equipment for the Tailrace Stoplog (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-10	All metal material and metal parts of the equipment for the Spillway Stoplog (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-11	All metal material and metal parts of the equipment for the Spillway and Under Sluice Radial Gate (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	

MS-12	All metal material and metal parts of the equipment for the Intake Trashrack Cleaning Machine (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-13	All metal material and metal parts of the equipment for the Spillway Gantry Crane (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-14	All metal material and metal parts of the equipment for the Desander (Settling Basins) Outlet Gantry Crane (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
MS-15	All metal material and metal parts of the equipment for the Valve Chamber including Bridge Crane (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	

MS-16	All metal material and metal parts of the equipment for the Gantry Monorail Crane (hydromechanical equipment) delivered to the Site			**Not Applicable**	**Not Applicable**	
Sub-total (MS 1-16)						

Notes:

The amounts stated above for the above Milestones MS-1 to MS-16 are CIF prices (port of entry).

A special customs duty rate of 1% of the CIF port of entry prices shall apply to above Milestones. The Contractor shall in his Statements (payment invoices) list the amounts due under the above Milestones and the 1% custom duty paid separately. The Employer shall reimburse to the Contractor accordingly.

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
Initial Phase						
MS-17	Additional 8 geological boreholes at the Weir and Desander construction area and 2 geological boreholes at the Powerhouse. The Contractor shall decide where it is necessary to carry out these boreholes in order to provide sufficient information for his design work.					These boreholes shall be completed not later than 90 days after the Commencement Date.
MS-18	Contractor's site offices and material and fuel storage facilities established					
MS-19	Contractor's material testing laboratory established and operational					
MS-20	Contractor's site workshops established					
MS-21	Contractor's site explosive storage facilities established					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-22	Concrete aggregate crushing and sorting plant installed and ready to operate					
MS-23	Concrete batching plant installed and ready to operate					
MS-24	Diversion tunnel excavation of the remaining 20m, reinforced concrete invert slab over the entire length of the diversion tunnel and the inlet and outlet portals complete					
Weir and Desander						
MS-25	Cofferdams and all temporary measures for the river diversion at Weir/Desander site complete and the river diversion has been started					
MS-26	Excavation at Weir (including spillway section) construction pit completed					
MS-27	Excavation at Intake and Desander construction pit completed					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-28	Sealing element (cut-off wall or bored piles) complete					
MS-29	First stage concreting for Weir and Desander completed					
MS-30	All hydromechanical equipment in the Weir installed and successfully tested					
MS-31	All hydromechanical equipment in the water intake structure installed and successfully tested					
MS-32	All hydromechanical equipment in the Desander and Forbay installed and successfully tested. The Service Building, fencing and Guard House completed.					
Pressure Conduit and Tunnels						
MS-33	50% of the excavation for pressure conduit complete					
MS-34	100% of the excavation for pressure conduit complete					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-35	50% of the concreting of the pressure conduit completed					
MS-36	100% of the concreting of the pressure conduit completed					
MS-37	Access road to surge tank and Adit 1 completed. Reinforced concrete invert slab over the entire length of Adit installed.					
MS-38	Tunnel 1 excavated and secured. Reinforced concrete invert slab over the entire length installed.					
MS-39	Tunnel 2 excavated and secured. Reinforced concrete invert slab over the entire length installed.					
MS-40	Tunnel 3 (from Surge Tank to Powerhouse), including the valve chamber, excavated and secured. Reinforced concrete invert slab over the entire length installed.					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-41	Surge Tank including Adit 2 excavated and secured					
MS-42	Surge Tank concrete lining completed					
MS-43	Erection of Steel lining, including concrete backfilling and grouting, in Tunnel 3 (from Surge Tank to Powerhouse) , including the valve chamber, completed					
MS-44	Grouting in headrace tunnels (Tunnel 1 and Tunnel 2) complete					
MS-45	Successful pressure testing of entire conveyance system					
Powerhouse and Tailrace						
MS-46	Slope excavation (mountain cut) complete and secured					
MS-47	Excavation at Powerhouse construction pit complete					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-48	Concreting of Powerhouse foundations to elevation 909.80 m asl completed					
MS-49	Concreting on turbine bays completed to a stage that allows the installation of draft steel lining by the Lot 2 contractor					
MS-50	Overhead crane supports, beams and rails in Powerhouse completed and ready for installation of the overhead crane (by Lot 2 contractor)					(Shall not be completed later than 730 days after the Commencement Date)
MS-51	Roofing and glazing on Powerhouse complete for the start of turbine and generator installation by the Lot 2 contractor					
MS-52	Concreting on turbine bays completed to a stage that allows the installation of turbines by the Lot 2 contractor					

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-53	Concreting on turbine bays completed to a stage that allows the installation of generators by the Lot 2 contractor					
MS-54	Concreting and interior finishes, including power supply, HVAC, water supply (sanitation) and sewage system at Powerhouse completed					
MS-55	Tailrace, including culvert under the road, complete					
MS-56	All hydromechanical equipment installed. Perimeter wall and Guard House completed.					
MS-57	All work for Powerhouse, Tailrace and Cable Head Yard under this Lot 1 Contract complete					
		Complete Works				

No.	Milestone	USD		NRs		Days to Completion after the Commencement Date
		In figure	In words	In figure	In words	
MS-58	Demobilisation and reinstatement of disturbed areas complete (Total price for this Milestone shall not be less than 1% of the Bid Price)					
MS-59	Taking-over Certificate issued by Employer					(Shall not be completed later than 1215 days after the Commencement Date)
MS-60	Performance Certificate issued by Employer					
Sub-total (MS 17-60)						
Total for all Milestones (MS 1-16 and MS 17-60)						

Overhead crane rails in the Powerhouse shall be supplied by the Lot 2 Contractor and shall be installed by the Lot 1 Contractor. See MS-50 above.

The Contractor shall be responsible for planning, designing and carrying out the diversions of the existing road over the Pressure Conduit (portal for Tunnel 1) and over the tailrace at the Powerhouse. The Contractor shall cause no interruptions to the traffic on this road during the entire period of this Contract.

The amounts stated above for the above Milestones MS-17 to MS-60 shall be the full prices for these items, including all customs duties and other taxes paid by the Contractor.

The Contractor shall state applicable VAT on each invoices separately (presently applicable VAT is 13%).

The Employer shall not reimburse the Contractor any customs duty paid by the Contractor on these items.

7. BILL OF QUANTITIES – ROCK SUPPORT MEASURES

PREAMBLE

1.1 This Bill of Quantities – Rock Support Measures shall be used to calculate the payment due to the Contractor for rock support measures which have to be carried out during excavation of rock in the construction pit at the Powerhouse area (including the excavation of the slope), Tunnel 1, Tunnel 2, Tunnel 3, as well as the Surge Tank and Adit 2. Rock support measures in other locations shall be carried out by the Contractor at his own expense and shall not be paid for under this Bill of Quantities.

1.2 Only those quantities of rock support which were necessary for the safe excavation and stabilisation of the exposed rock surface which were actually installed shall be due for payment to the Contractor.

1.3 This Bill of Quantities shall be read in conjunction with the Conditions of Contract, the Specifications and the Tender Drawings for details of the description, performance, quality and strength of materials and the workmanship, conditions, obligations and liabilities generally which shall be complied with in carrying out the Contract.

1.4 The brief descriptions of the items of work given in this Bill of Quantities are purely for the purpose of identification and shall in no way modify or supersede the detailed descriptions of the work given in the Specifications and elsewhere in the Contract.

1.5 The cost of providing materials, executing the work as shown and described on the Tender Drawings and in the Specifications, complying with all conditions, obligations and liabilities described in the Conditions of Contract, Specifications and this Bill of Quantities – Rock Support Measures, whether or not the aforesaid are expressly stated in the Contract, and all overhead charges and profit shall be deemed to be included in the rates and prices in this document. This Bill of Quantities– Rock Support Measures has been divided into sections for the Powerhouse area (including the excavation of the slope), Tunnel 1, Tunnel 2, Tunnel 3 and the Surge Tank and Adit 2 for convenience of measurement and pricing.

1.6 Reinforced concrete tunnel lining has been foreseen only for portions of Tunnel 1, Tunnel 2, Tunnel 3 and in the Surge Tank. This shall be fully reinforced concrete tunnel lining, which shall be placed using concrete formwork in these portions after the temporary support measures have been completed.

Note: Some reinforced concrete lining is quantified in linear metres (m), while some is quantified in square metres (m²).

1.7 The costs for all rock support measures not listed in this Bill of Quantities – Rock Support Measures are deemed to be included in those items that are listed.

1.8 Unless otherwise stated in the Technical Specification or in the items in the Bill of Quantities, all measurement shall be the net quantities to the limits, final levels, lines or perimeters required by the design and construction drawings to be produced by the Contractor and approved by the Employer's Representative.

1.9 All quantities in this Bill of Quantities – Rock Support Measures are estimated quantities. The actual quantities shall be measured by the Employer's Representative and shall be used as the basis for payments.

1.10 The quoted rates (prices) for items shall not be subject to price adjustment irrespective of changes in actual provided quantities regardless of how large the changes are during the implementation of the project.

1.11 The amounts stated below for the below items shall be the full prices for these items, including all customs duties, VAT and other taxes paid by the Contractor.

1.12 The Employer shall not repay the Contractor any customs duty paid by the Contractor on these items.

1.13 The Contractor shall in his Statements require the Employer to pay VAT at the rate of 13% on the below items.

Bill of Quantities – Rock Support Measures

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs(7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.1	Powerhouse Area (including excavation of mountain cut/slope)								
1.1.1	Shotcrete, minimum thickness 5 cm	m²	600						
1.1.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	8500						
1.1.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	600						
1.1.4	Steel wire reinforcement	Ton	3						
1.1.5	Steel support arches, length to suit application.	ton	10						
1.1.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	200						
1.1.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	200						
1.1.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	200						
1.1.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	200						
1.1.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	200						
1.1.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	500						
1.1.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	2000						
1.1.13	Grouted Rock Bolts, Dia. 28 mm, Length 8 m	No.	200						
1.1.14	Prestressed Rock Bolts, Length 20 m	No.	40						
1.1.15	Prestressed Rock Bolts, Length 30 m	No.	40						
1.1.16	Prestressed Rock Bolts, Length 40 m	No.	40						

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs(7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.1.17	Steel Sheet Pile Wall	m²	2000						
1.1.18	Concrete Bored Pile Wall	m²	800						
	Sub-Total								

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.2	**Tunnel 1**								
1.2.1	Shotcrete, minimum thickness 5 cm	m²	1000						
1.2.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	50000						
1.2.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	4000						
1.2.4	Steel wire reinforcement	ton	10						
1.2.5	Steel support arches, length 12 m to 20 m	ton	100						
1.2.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	300						
1.2.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	30000						
1.2.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	200						
1.2.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	200						
1.2.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	150						
1.2.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	150						
1.2.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	150						
1.2.13	Reinforced concrete tunnel lining (per metre length of tunnel)	m	2000						
	Sub-Total								

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.3	**Tunnel 2**								
1.3.1	Shotcrete, minimum thickness 5 cm	m²	1000						
1.3.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	50000						
1.3.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	2000						
1.3.4	Steel wire reinforcement	ton	10						
1.3.5	Steel support arches, length 12 m to 20 m	ton	180						
1.3.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	500						
1.3.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	35000						
1.3.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	200						
1.3.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	200						
1.3.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	200						
1.3.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	200						
1.3.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	150						
1.3.13	Reinforced concrete tunnel lining (per metre length of tunnel)	m	1000						
	Sub-Total								

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.4	**Tunnel 3**								
1.4.1	Shotcrete, minimum thickness 5 cm	m²	500						
1.4.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	8000						
1.4.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	500						
1.4.4	Steel wire reinforcement	ton	3						
1.4.5	Steel support arches, length 12 m to 20 m	ton	20						
1.4.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	5000						
1.4.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	50						
1.4.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	50						
1.4.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	50						
1.4.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	50						
1.4.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	50						
1.4.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	50						
1.4.13	Reinforced concrete lining (per metre length of tunnel)	m	100						
	Sub-Total								

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.5	**Adit 2 and Surge Tank**								
1.5.1	Shotcrete, minimum thickness 5 cm	m²	500						
1.5.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	5000						
1.5.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	500						
1.5.4	Steel wire reinforcement	ton	3						
1.5.5	Steel support arches, length 12 m to 20 m	ton	10						
1.5.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	1500						
1.5.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	100						
1.5.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	1500						
1.5.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	100						
1.5.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	300						
1.5.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	300						
1.5.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	1000						

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.5.13	Reinforced concrete adit (tunnel) lining (per metre length of Adit 2)	m	50						
1.5.14	Reinforced concrete lining in Surge Tank (per m² installed)	m²	3000						
	Sub-Total								

Item No.	Description	Unit	Quantities (1)	Unit Rates				Amount	
				USD		NRs		USD (6) = 1x2	NRs (7) = 1x4
				In figure (2)	In words (3)	In figure (4)	In words (5)		
1.6	**Remaining 20m of the Diversion Tunnel**								
1.6.1	Shotcrete, minimum thickness 5 cm	m²	100						
1.6.2	Shotcrete with steel fibres, minimum thickness 10 cm	m²	400						
1.6.3	Shotcrete with steel fibres, minimum thickness 15 cm	m²	100						
1.6.4	Steel wire reinforcement	ton	3						
1.6.5	Steel support arches, length 12 m to 20 m	ton	6						
1.6.6	Grouted Rock Bolts, Dia. 25 mm, Length 3 m	No.	250						
1.6.7	Grouted Rock Bolts, Dia. 25 mm, Length 4 m	No.	50						
1.6.8	Grouted Rock Bolts, Dia. 25 mm, Length 5 m	No.	50						
1.6.9	Grouted Rock Bolts, Dia. 28 mm, Length 3 m	No.	50						
1.6.10	Grouted Rock Bolts, Dia. 28 mm, Length 4 m	No.	50						
1.6.11	Grouted Rock Bolts, Dia. 28 mm, Length 5 m	No.	50						
1.6.12	Grouted Rock Bolts, Dia. 28 mm, Length 6 m	No.	50						
	Sub-Total								

Summary of Rock Support Measures (BoQ Items)

Item No.	Description	Totals			
		USD		NRs	
		In figure	In words	In figure	In words
1.1	Powerhouse area (including the excavation of the mountain cut/slope)				
1.2	Tunnel 1				
1.3	Tunnel 2				
1.4	Tunnel 3				
1.5	Adit 2 and Surge Tank				
1.6	Diversion Tunnel				
	Grand Total, Rock Support Measures				

Grand Summary

Item No.	Description	Totals			
		USD		NRs	
		In figure	In words	In figure	In words
1	Total of Milestones MS-1 to MS-16 (MS 1-16)				
2	Total of Milestones MS-17 to MS-60 (MS 17-60)				
3	Total of Rock Support Measures (BoQ)				
4	Provisional Sum (As Directed by Employer)	-		70,000,000.00	Seventy Million
5	13% VAT on Item Nos. 2, 3 and 4 above				
6	Provision for Custom Duty on Item No. 1 above at the rate 1%.				
Grand Total (Sum of items 1 to 6 above)					

8. SUM OF THE PRICES (BID PRICE)

The sum of the prices (Total of all Milestones, Provisional Sum and Grand Total Rock Support Measures) above shall be the same as the Bid Price proposed by the Bidders in the Letter of Bid in this Volume 1.