

THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WATER



MOROGORO WATER SUPPLY AND SANITATION AUTHORITY
P.O. Box 5476, Morogoro, Telephone: +255 23 2614182/4214
Email: info@moruwasa.go.tz, md@moruwasa.go.tz



MORUWASA

In reply please quote: -

Ref. No. UWSSA-MG-CB.16/64/30/34

15th March, 2022

Permanent Secretary,
Ministry of Water,
Water Street,
P.O Box 456
Dodoma.



RE: **CONTRACT NO. AE/038/2021-2022/W /04 FOR IMPROVEMENT OF
WATER SUPPLY SERVICE AT KASANGA TOWNSHIP**

Sub: **Request of Payment to the Tune of Tshs 311,094,913 VAT Exclusive**

Reference is made to the heading above.

2. MORUWASA is proceeding with the execution of project on Improvement of water supply services at Kasanga under the Covid-19 program. The works performed under the stated contract are general and preliminaries and construction of rising main (GS pipes DN 110) at a distance of 3,847m.

3. In this regard, we are requesting for the payments amounting to Tanzania shillings Three Hundred Eleven Million, Ninety-Four Thousand Nine Hundred Thirteen only **(311,094,913) VAT Exclusive** to be paid to **SERENGETI LIMITED**.

4. Attached to this letter is interim certificate **(IPC 1)** claim from the contractor and verification report.





5. Thanks for the cooperation,


Lyang onjo Kiguhe,
ACTING MANAGING DIRECTOR.
MOROGORO URBAN WATER SUPPLY
AND SANITATION AUTHORITY
P.O. Box 5476
MOROGORO

MOROGORO URBAN WATER SUPPLY AND SANITATION AUTHORITY.
CERTIFICATE NO 1

QUATATION NUMBER: AE/038/2021-2022/W/04
 CONTRACT NAME: IMPROVEMENT OF WATER SUPPLY SERVICES AT KASANGA
 CONTACTOR'S NAME: M/S. SERENGETI LIMITED
 CONTRACT AMOUNT: Tshs 616,237,114/= (VAT EXCLUSIVE)
 DATE OF COMMECEMENT: 22 NOVEMBER, 2021.
 COMPLETION DATE: 28 MARCH, 2022

DESCRIPTION	THIS CERTIFICATE		CUMMULATIVE AMOUNT	
	TSHS	CTS	TSHS	CTS
Value of Works Executed	388,868,640.68	0	388,868,641	0
Advance Payment	123,327,422.80			
DEDUCTION				
Advance Payment Recovery 20%				0
Retention Fund 5% limit of the contract sum	77,773,728	0	77,773,728	0
Liquidated Damage 0.15%	30,811,856	0	30,811,856	0
Previous Payment on Account	0	0		
TOTAL DEDUCTION	0	0		0
Amount Due after Deduction	108,585,584	0	108,585,584	0
	280,283,057	0	280,283,057	0
ADDITION				
Release 100% Total Retention Fund				
Amount due	0	0	0	0
Payment this certificate	311,094,913	0	311,094,913	0
	311,094,913	0	311,094,913	0

Signature of the contractor:  Name: <u>NSIM. J. K. KASE ANSE</u> Date: <u>14/03/2022</u>	Prepared by: <u>FRIDA M. G. LIMPI</u> Sign:  Date: <u>13/03/2022</u>
	Certified by: <u>CS MARIAN E. NIG-SINDILA</u> Sign:  Date: <u>13/03/2022</u>
	Approved by: <u>Eng. Bertram B. Minde</u> Sign:  Date: <u>14/3/2022</u>

IMPROVEMENT OF WATER SUPPLY SERVICES AT KASANGA							
PROJECT NAME: IMPROVEMENT OF WATER SUPPLY SERVICES AT KASANGA							
CONTRACTOR:M/S. SERENGETI LIMITED							
CLIENT: MOROGORO URBAN WATER SUPPLY AND SANITATION AUTHORITY (MORUWASA)							
QUATATION NO; AE/038/2021-2022/W/04 FOR IPC NO.1							
S/No	Item Description	Unit	Original Contract			This Certificate(IPC 1)	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
BILL A: GENERAL AND PRELIMINARIES							
1	Mobilization and Demobilization of Major items and equipment	sum	1	10,000,000	10,000,000	0.8	8,000,000
2	Site accomodation and Storage	sum	1	5,000,000	5,000,000	1	5,000,000
3	Allow for watch and ward	sum	1	1,000,000	1,000,000	1	1,000,000
4	Provide sign for Security	sum	1	500,000	500,000	1	500,000
5	System testing and disinfection	sum	1	2,000,000	2,000,000	0	0
6	Provision of project sign board	sum	1	1,500,000	1,500,000	1	1,500,000
7	Insurance of works, third part liability, accident or injury oto workman, Contractors equipment, material intransit to site and Vehicles	sum	1	2,000,000	2,000,000	1	2,000,000
8	Progress Photographs	sum	1	1,500,000	1,500,000	0	0
9	As Built drawings as specified by Engineer	sum	1	2,000,000	2,000,000	0	0
SUB- TOTAL A					25,500,000		18,000,000
BILL B: Supply and Installation of Submersible Pump							
Submersible Pumps							
Rate shall include supply of all cable trays and cabling between instruments and the panel .and modification at borehole cap and locking arrangements							
	Supply and installation of electric submersible pump set complete with motor and cooling jacket width Hydraulic efficiency above 70% , Control pannel,starter, sensor, 63 A rated Power cable, Signal cables rising main,(3" PVC pipes), valve system, gauges, clamps and all necessary accessories as per specifications and Drawing; capacity = 20m3/h, Total head=280m ,Pump setting depth = 7m. The panel should be equipped with motor, starter, draw down sensor, 50Hz, 415V, 63A	Nr	1	65,413,000	65,413,000	0	0
SUB- TOTAL B					65,413,000		0
BILL C: Pipe work Installation and related structure							
1	Earth Work						
1.1	Excavation and backfilling for pipe trenches for rising main and Distribution Network in any material other than rock with 0.6m wide and a maximum depth of 1.20m	m	9,763	4,000	39,052,000	3,707	14,828,000
1.2	Extra over for Excavation and backfilling for pipe trenches for rising main and Distribution Network in rock material with 0.6m wide and a maximum depth of 1.20m. Rate shall include bedding with selected suitable material as per engineer instruction	m	500	8,000	4,000,000	0	0
2.0	Supply and Installation of Pipes and Fitting for Rising main and Distriburion Network						

S/No	Item Description	Unit	Original Contract			This Certificate(IPC 1)	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
	Rate shall include for local transportation within the site, handling, welding, fusion of HDPE PIPE, fabrication of special pipe fittings, Laying and Jointing or Fixing of pipes and Valves in Open Trench and all other associated works required for complete installation.The pipes shall be installed in accordance with the manufacturer's instructions						
2.1	Pipes						
2.1.1	GS PIPE DN 110 Class M (6m) Threaded both end	m	3,944	82,400	324,985,600	3,847	329,229,200
2.1.2	DN 160mm HDPE PN10 PE 100	m	827	48,100	39,778,700	0	0
2.1.3	DN 110mm HDPE PN10 PE 100	m	693	23,000	15,939,000	0	0
2.1.4	DN 63mm HDPE PN10 PE 100	m	2,200	7,700	16,940,000	0	0
2.1.5	DN 50mm HDPE PN10 PE 100	m	2,000	4,800	9,600,000	0	0
2.1.6	GS Pipe DN150 Class M including its fittings	m	100	147,500	14,750,000	0	0
2.2	Fittings For Distribution and Rising Main (all of PN16)						0
2.2.1	GS Pipe 0.6m legth Flanged both sides with collar	pc	1	254,237	254,237	0	0
2.2.2	DN150 HDPE Stub	pc	2	237,288	474,576	0	0
2.2.3	DN110 HDPE Stub	pc	3	186,441	559,322	0	0
2.2.4	DN150 900 Steel Bend Flanged PN16	pc	2	237,288	474,576	0	0
2.2.5	Clamp Saddle DN150 X DN 32 PN16	pc	1	46,610	46,610	0	0
2.2.6	Clamp Saddle DN150 X DN 63 PN16	pc	2	46,610	93,220	0	0
2.2.7	Clamp Saddle DN110 X DN 63 PN16	pc	2	21,186	42,373	0	0
2.2.8	Clamp Saddle DN63 X DN 50 PN16	pc	7	12,712	88,983	0	0
2.2.9	Clamp Saddle DN110 X DN 32 PN16	pc	1	21,186	21,186	0	0
2.2.10	Clamp Saddle DN63 X DN 32 PN16	pc	2	12,712	25,424	0	0
2.2.11	DN 63 Stright Coupling PN16	pc	20	21,186	423,729	0	0
2.2.12	DN 50 Stright Coupling PN16	pc	17	16,949	288,136	0	0
2.2.13	DN 63 x DN 50 Coupling Reducer PN16	pc	3	23,729	71,186	0	0
2.2.14	DN 63 GS Nipple PN16	pc	4	15,254	61,017	0	0
2.2.15	DN 50 GS Nipple PN16	pc	2	12,712	25,424	0	0
2.2.16	DN 32 GS Nipple PN16	pc	8	8,475	67,797	0	0
2.2.17	DN63 Gate Valve PN16	pc	4	59,322	237,288	0	0
2.2.18	DN50 Gate Valve PN16	pc	2	42,373	84,746	0	0
2.2.19	DN32 Gate Valve PN16	pc	4	21,186	84,746	0	0
2.2.20	DN 63 Male Connector PN16	pc	4	15,254	61,017	0	0
2.2.21	DN 50 Male Connector PN16	pc	9	12,712	114,407	0	0
2.2.22	DN 63 GS Socket PN16	pc	4	15,254	61,017	0	0
2.2.23	DN 50 GS Socket PN16	pc	7	12,712	88,983	0	0
2.2.24	DN 63 GS Plug PN16	pc	4	12,712	50,847	0	0
2.2.25	DN 50 GS Plug PN16	pc	7	11,864	83,051	0	0
2.2.26	DN110 Comb Flange PN16	pc	4	169,492	677,966	0	0
2.2.27	DN150 Rubbber Gasket PN16	pc	15	12,712	190,678	0	0
2.2.28	DN110 Rubbber Gasket PN16	pc	85	8,475	720,339	0	0
2.2.29	DN63 Rubbber Gasket PN16	pc	4	4,237	16,949	0	0
2.2.30	DN150 GS Socket PN16	pc	18	93,220	1,677,966	0	0
2.2.31	DN150 Hex Union PN16	pc	5	152,542	762,712	5	762,712
2.2.32	DN110 Hex Union PN16	pc	70	67,797	4,745,763	70	4,745,763
2.2.33	DN110 GS Socket PN16	pc	540	31,356	16,932,203	540	16,932,203
2.2.34	DN110 GS Flange PN16	pc	145	39,831	5,775,424	20	3,286,017
2.2.35	DN 150 GS Flange PN16	pc	10	76,271	762,712	0	0
2.2.36	DN150 Sluice Valve PN16	pc	1	423,729	423,729	0	0
2.2.37	DN110 Sluice Valve PN16	pc	2	271,186	542,373	0	0
2.2.38	DN63 Sluice Valve PN16	pc	4	194,915	779,661	0	0
2.2.39	Bolt, Nuts and Washel 16mm x 75mm	pc	680	3,814	2,593,220	0	0
2.2.40	DN 32 Air Valve PN16	pc	4	84,746	338,983	0	0
2.2.41	DN 150 x DN 110 Taper reducer PN16	pc	1	169,492	169,492	0	0
2.2.42	Tee Equal DN110 x DN63 Steel flanged PN16	pc	4	271,186	1,084,746	4	1,084,746
SUB- TOTAL C					507,124,114		370,868,641

S/No	Item Description	Unit	Original Contract			This Certificate(IPC 1)	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
BILL D: Civil Works							
1	Crossings						
1.1	Construction of Class C25 Reinforced concrete support pier at Stream/River crossing, Gullies crossing and the like	No	15	500,000	7,500,000	0	0
2	Anchorage Blocks						
2.1	Construction of Class C25 concrete thrust and anchor blocks at Bend, Tee and slopes greater than 10%	No.	10	300,000	3,000,000	0	0
3	Valve Chambers						
3.1	Construction of valve chamber with Cement Sand Blocks and its top cover as depicted in drawings. Rate shall be included installation of installation of Valves.	No.	10	700,000	7,000,000	0	0
4	Other Pipework ancillaries						
4.1	Precast Concrete Marker Post for Gate Valves, Air Valves, Washout and pipeline in accordance with standard drawings	No.	20	35,000	700,000	0	0
SUB- TOTAL D					18,200,000		0
GENERAL SUMMARY					CONTRACT		IPC 1
BILL A: PRELIMINARY AND GENERAL					25,500,000		18,000,000
BILL B: SUPPLY AND INSTALLATION OF SUBMERSIBLE PUMP					65,413,000		0
BILL C: PIPE WORK INSTALLATION					507,124,114		370,868,641
BILL D: CIVIL WORKS					18,200,000		0
Total (VAT Exclusive)					616,237,114		388,868,641
Less: 20% Advance Paymnet Recovery							77,773,728
Less: 5% Limit of Retention Money							30,811,856
Amount Payable to Contractor in This Certificate							280,283,057



MORUWASA

MOROGORO WATER SUPPLY AND SANITATION AUTHORITY

Contract IMPROVEMENT OF WATER SUPPLY SERVICES AT KASANGA

Contract No. AE/038/2021-2022/W/04


Contractor: M/s Serengeti LTD, P. O. Box 72,374, Dar es Salaam.

Location of Works: Kasanga

MEASUREMENTS CALCULATION SHEET FOR IPC # 01

BoQ Item	Description	Calculations/ Sketches	Unit	Quantity
Bill C :1,1.1	Excavation and backfilling for pipe trenches for rising main and Distribution Network in any material other than rock with 0.6m wide and a maximum depth of 1.20m		m	3,707
Bill C :1,1.2	Extra over for Excavation and backfilling for pipe trenches for rising main and Distribution Network in rock material with 0.6m wide and a maximum depth of 1.20m. Rate shall include bedding with selected suitable material as per engineer instruction			
Bill C 2.1,2.1.1	GS PIPE DN 110 Class M (6m) Threaded both end		m	3,847
Bill C 2.2,31	DN150 Hex Union PN16		pc	05
Bill C 2.2,32	DN110 Hex Union PN16		pc	70
Bill C 2.2,33	DN110 GS Socket PN16		pc	520
Bill C 2.2,34	DN110 GS Flange PN16		pc	20

Confirmed:

For Contractor:  Date: 14/03/2022

Name: NASIM I. KASSANE

Designation: POWER OF ATTORNEY

For Employer:  Date: 09/03/2022

Name: FRIDA MBILIMU

Designation: SUPERVISOR



Date: 20th February, 2022
Ref. No: S/M/KAS/2022/003
Attach: 0

To: Managing Director,
Morogoro Urban Water Supply and Sanitation Authority (MORUWASA),
P.O.Box 5476,
MOROGORO.

Attn, Eng. Frida Mbilinyi
Project Manager

REF: IMPROVEMENT OF WATER SUPPLY SERVICE AT KASANGA – MOROGORO;
CONTRACT NO.AE/038/2021-2022/W/04

Sub: Claim for Interim Payment Certificate, IPC No.1.

Kindly refer to the above mentioned subject.

We are writing to present our Claims for Interim Payment certificate, IPC No.1 for your review, certification and approval for payment pursuant to relevant clauses of the contract.

Our Claims stands at a tune of **TZS 345,699,611.00** after deduction of retention and advance payment recovery as per attached breakdown in excel and pdf format to facilitate your evaluation.

Hoping your continued cooperation.

Yours sincerely

A handwritten signature in black ink, appearing to read "Najim Kassange".

Najim Kassange
Power Of Attorney

Improvement of Water Supply Services at Kasanga Township, Morogoro Municipality:Contract No: AE/038/2021-2022/W/04

Breakdown for Interim Payment Certificate, IPC No.1

S/No	Item Description	Unit	Contract			This Certificate	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
BILL A: GENERAL AND PRELIMINARIES							
1	Mobilization and Demobilization of Major items and equipment	sum	1	10,000,000	10,000,000	0.8	8,000,000
2	Site accomodation and Storage	sum	1	5,000,000	5,000,000	1	5,000,000
3	Allow for watch and ward	sum	1	1,000,000	1,000,000	1	1,000,000
4	Provide sign for Security	sum	1	500,000	500,000	1	500,000
5	System testing and disinfection	sum	1	2,000,000	2,000,000	0	0
6	Provision of project sign board	sum	1	1,500,000	1,500,000	1	1,500,000
7	Insurance of works, third part liability, accident or injury oto workman, Contractors equipment, material intransit to site and Vehicles	sum	1	2,000,000	2,000,000	1	2,000,000
8	Progress Photographs	sum	1	1,500,000	1,500,000	0.5	750,000
9	As Built drawings as spercified by Engineer	sum	1	2,000,000	2,000,000	0	0
SUB- TOTAL A					25,500,000		18,750,000

S/No	Item Description	Unit	Contract			This Certificate	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
BILL B: Supply and installation of Submersible Pump							
	Submersible Pumps						
	Rate shall include supply of all cable trays and cabling between instruments and the panel .and modification at borehole cap and locking arrangements						
	Supply and installation of electric submersible pump set complete with motor and cooling jacket width Hydraulic efficiency above 70% , Control pannel,starter, sensor, 63 A rated Power cable, Signal cables rising main,(3" PVC pipes), valve system, gauges, clamps and all necessary accessories as per specifications and Drawing; capacity = 20m3/h, Total head=280m ,Pump setting depth = 7m. The panel should be equipped with motor, starter, draw down sensor, 50Hz, 415V, 63A	Nr	1	65,413,000	65,413,000	0	0
SUB- TOTAL B					65,413,000		0

BILL C: Pipe work installation and related structure								
S/N	Item Description	Unit	Contract			This Certificate		
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)	
1	Earth Work							
1.1	Excavation and backfilling for pipe trenches for rising main and Distribution Network in any material other than rock with 0.6m wide and a maximum depth of 1.20m	m	9,763	4,000	39,052,000	9,763	39,052,000	
1.2	Extra over for Excavation and backfilling for pipe trenches for rising main and Distribution Network in rock material with 0.6m wide and a maximum depth of 1.20m. Rate shall include bedding with selected suitable material as per engineer instruction	m	500	8,000	4,000,000	500	4,000,000	
2.0	Supply and Installation of Pipes and Fitting for Rising main and Distribution Network							
	Rate shall include for local transportation within the site, handling, welding, fusion of HDPE PIPE, fabrication of special pipe fittings, Laying and Jointing or Fixing of pipes and Valves in Open Trench and all other associated works required for complete installation. The pipes shall be installed in accordance with the manufacturer's instructions							
2.1	Pipes							
2.1.1	GS PIPE DN 110 Class M (6m) Threaded both end	m	3,944	82,400	324,985,600	3,944	324,985,600	
2.1.2	DN 160mm HDPE PN10 PE 100	m	827	48,100	39,778,700	0	0	
2.1.3	DN 110mm HDPE PN10 PE 100	m	693	23,000	15,939,000	0	0	
2.1.4	DN 63mm HDPE PN10 PE 100	m	2,200	7,700	16,940,000	0	0	
2.1.5	DN 50mm HDPE PN10 PE 100	m	2,000	4,600	9,600,000	0	0	
2.1.6	GS Pipe DN150 Class M including its fittings	m	100	147,500	14,750,000	0	0	
2.2	Fittings For Distribution and Rising Main (all of PN16)						0	
2.2.1	GS Pipe 0.6m length Flanged both sides with collar	pc	1	254,237	254,237	0	0	
2.2.2	DN150 HDPE Stub	pc	2	237,288	474,576	0	0	
2.2.3	DN110 HDPE Stub	pc	3	186,441	559,322	0	0	
2.2.4	DN150 900 Steel Bend Flanged PN16	pc	2	237,288	474,576	0	0	
2.2.5	Clamp Saddle DN150 X DN 32 PN16	pc	1	46,610	46,610	0	0	
2.2.6	Clamp Saddle DN150 X DN 63 PN16	pc	2	46,610	93,220	0	0	
2.2.7	Clamp Saddle DN110 X DN 63 PN16	pc	2	21,186	42,373	0	0	
2.2.8	Clamp Saddle DN63 X DN 50 PN16	pc	7	12,712	88,983	0	0	
2.2.9	Clamp Saddle DN110 X DN 32 PN16	pc	1	21,186	21,186	0	0	
2.2.10	Clamp Saddle DN63 X DN 32 PN16	pc	2	12,712	25,424	0	0	
2.2.11	DN 63 Straight Coupling PN16	pc	20	21,186	423,729	0	0	

2.2.12	DN 50 Stright Coupling PN16	pc	17	16,949	288,136	0	0
2.2.13	DN 63 x DN 50 Coupling Reducer PN16	pc	3	23,729	71,186	0	0
2.2.14	DN 63 GS Nipple PN16	pc	4	15,254	61,017	0	0
2.2.15	DN 50 GS Nipple PN16	pc	2	12,712	25,424	0	0
2.2.16	DN 32 GS Nipple PN16	pc	8	8,475	67,797	0	0
2.2.17	DN63 Gate Valve PN16	pc	4	59,322	237,288	0	0
2.2.18	DN50 Gate Valve PN16	pc	2	42,373	84,746	0	0
2.2.19	DN32 Gate Valve PN16	pc	4	21,186	84,746	0	0
2.2.20	DN 63 Male Connector PN16	pc	4	15,254	61,017	0	0
2.2.21	DN 50 Male Connector PN16	pc	9	12,712	114,407	0	0
2.2.22	DN 63 GS Socket PN16	pc	4	15,254	61,017	0	0
2.2.23	DN 50 GS Socket PN16	pc	7	12,712	88,983	0	0
2.2.24	DN 63 GS Plug PN16	pc	4	12,712	50,847	0	0
2.2.25	DN 50 GS Plug PN16	pc	7	11,864	83,051	0	0
2.2.26	DN110 Comb Flange PN16	pc	4	169,492	677,966	0	0
2.2.27	DN150 Rubbber Gasket PN16	pc	15	12,712	190,678	0	0
2.2.28	DN110 Rubbber Gasket PN16	pc	85	8,475	720,339	0	0
2.2.29	DN63 Rubbber Gasket PN16	pc	4	4,237	16,949	0	0
2.2.30	DN150 GS Socket PN16	pc	18	93,220	1,677,966	0	0
2.2.31	DN150 Hex Union PN16	pc	5	152,542	762,712	5	762,712
2.2.32	DN110 Hex Union PN16	pc	70	67,797	4,745,763	70	4,745,763
2.2.33	DN110 GS Socket PN16	pc	540	31,356	16,932,203	612	19,189,831
2.2.34	DN110 GS Flange PN16	pc	145	39,831	5,775,424	145	5,775,424
2.2.35	DN 150 GS Flange PN16	pc	10	76,271	762,712	0	0
2.2.36	DN150 Sluice Valve PN16	pc	1	423,729	423,729	0	0
2.2.37	DN110 Sluice Valve PN16	pc	2	271,186	542,373	0	0
2.2.38	DN63 Sluice Valve PN16	pc	4	194,915	779,661	0	0
2.2.39	Bolt, Nuts and Washel 16mm x 75mm	pc	680	3,814	2,593,220	0	0
2.2.40	DN 32 Air Valve PN16	pc	4	84,746	338,983	0	0
2.2.41	DN 150 x DN 110 Taper reducer PN16	pc	1	169,492	169,492	0	0
2.2.42	Tee Equal DN110 x DN63 Steel flanged PN16	pc	4	271,186	1,084,746	4	1,084,746
SUB- TOTAL C					507,124,114		399,596,075

BILL D: Civil Works							
S/No	Item Description	Unit	Contract			This Certificate	
			Qty	Rate (Tshs)	Amount (Tshs)	Qty	Amount (Tshs)
1	Crossings						
1.1	Construction of Class C25 Reinforced concrete support pier at Stream/River crossing, Gullies crossing and the like	No	15	500,000	7,500,000	0	0
2	Anchorage Blocks						
2.1	Construction of Class C25 concrete thrust and anchor blocks at Bend, Tee and slopes greater than 10%	No.	10	300,000	3,000,000	0	0
3	Valve Chambers						
3.1	Construction of valve chamber with Cement Sand Blocks and its top cover as depicted in drawings. Rate shall be included installation of installation of Valves.	No.	10	700,000	7,000,000	0	0
4	Other Pipework ancillaries						
4.1	Precast Concrete Marker Post for Gate Valves, Air Valves, Washout and pipeline in accordance with standard drawings	No.	20	35,000	700,000	0	0
SUB- TOTAL D					18,200,000		0

GENERAL SUMMARY	CONTRACT	THIS CERTIFICATE
BILL A: PRELIMINARY AND GENERAL	25,500,000	18,750,000
BILL B: SUPPLY AND INSTALLATION OF SUBMERSIBLE PUMP	65,413,000	0
BILL C: PIPE WORK INSTALLATION	507,124,114	399,596,075
BILL D: CIVIL WORKS	18,200,000	0
Total (VAT Exclusive)	616,237,114	418,346,075

Less: 10% Advance Paymnet Recovery 41,834,607

Less: 5% Limit of Retention Money 30,811,856

Amount Payable to Contractor in This Certificate 345,699,611