### CONFIDENTIAL

FOREWORD

- 1 SITE PRELIMINARIES
- 2 CATCHMENT OF SOURCES
- 3 SUPPLY AND LAYING OF PIPES
- 4 CIVIL WORKS

The Contractor has to indicate in the Price Schedule, all the unit and contractual prices appearing in the bill of quantities.

All the prices are to be indicated in the currency as required in the bid document. At the time of the unit and contractual price determination, the bidder takes into account the Instructions to bidders, the descriptions contained in the Price Schedule, the General and Particular Technical specifications, as those contained in the drawing which is also an integral part of the bidding document.

The supply prices include all the costs of supplying and temporary storages up to the time of execution, any intermediate transport, the transport to a warehouse of materials not used as indicated by the Client, and their eventual placement.

If the bidder submits a Price Schedule and a Bill of Quantities according to his own criteria, he must strictly respect the format given in this bid document:

- · Numbering of items
- · Structure of subtotal and total
- The quantities indicated in the bill

#### General information:

## a) Water Quality Analysis

The water Quality should be done by the contractor at each water source to ensure that water will not have negative effect on human health as well as on pipe material, to be on safe side ,it is recommended that per each sample three tests be carried out and the mean of them will be taken as the result of the sample. therefore the recommended test to be done are:

\*E-coli ,faecal califorms and total califorms because they are the main indicators of pathogenic microorganisms that directly affect human health

\*Conductivity, PH, Temperature, and TDS because they are indicators of pipe corrision

and Other parameters indicated on the Tender Documents

### b) Civil works

All the civil and construction works will be carried out according to the drawings of the successiful bidder, and the requirements of the General and Particular Technical specifications. These drawings require the approval of the Representative of the Client.

The prices include all the civil works, the installation of equipments, the supply and fixing of covers, step irons, anchors, and all accruals indicated on the drawings. The prices also include the supply and fixing of watertight wall fittings. The wall fittings will be in galvanized steel or in cast iron, their lengths will be given according to the thickness of the walls by ensuring a wall clearance of 15 cm on each side. The testing for tightness is also included in the prices of the hydraulic works.

## c) Reinforced concrete works:

- \* Supply and casting of reinforced concrete, including formwork and reinforcement
- \* Structural stability of the works according to the General provisions of the technical clauses and drawings of reinforcement
- \* Supply and cast reinforced concrete conforming to the standards and the technical specifications, including transport, additives, factors of safety, etc
- \* Equipments and labour necessary to make, place, vibrate and curing of concrete
- \* Supply, placement, adjustment, rubber seals for tightness, and dilation of dummy joints
- \* Any accruals for chanals of conduits, sleeves, etc, for the installation of the equipments and various machines
- \* Supply and fix mild steels and (or) high-strength steels meeting the standards and the technical specifications, including terms of supply and labour resulting from the fabrication of the concrete, the reinforcements, the off cuts, bindings and adjustment between prefabricated lengths and real lengths.
- \*Tests in accordance with the technical specifications including all accruals.
- \* The price for the laying of the pipes comprises of the price for the placement, the pressure tests, and all other accruals.

# Dosage for concrete classes are:

Class A: dosage is 350 kg/m3

Class B: dosage is 250 kg/m3

Class C: Is a blinding concrete and the dosage is 200 kg/m3

The cement to the sand proportion of cement mortar classes are:

Class B: 1:3 Class D: 1:5

By signing the tender, the bidder acknowledges the priority of the texts of this Tender Document.

	BUSETSA DRINKING WATER SUPPLY SYSTEM IN KAGEYO	SECTOR OF GATSIBO DIS	TRICT (2	23 km)		
	Detailed Quantity Esti	nate				
Item Nº	DESCRIPTION	SUPPLIER PROPOSAL DESCRIPTION	UNIT	QTY	RATE DDP EURO ICLUDING ALL TAXES	AMOUNT DDP FRW ICLUDING ALL TAXES
	OVERT PROVIDENCE AND A DATE OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNE					
1	SITE PRELIMINARIES					
1.1	Preparation of the site according to technical specifications; acces road, mobilization of the material and its transport on the site, installation of the site, storage, guarding, including the toilet of the personnel. The installation includes the water connection on the existing network. Site preparation also includes, site clearance, removal of top soil, levelling or any shaping necessary to the installations of the site together with all the cut and fill necessary to this end. The estimated cost for this item is maintained all through to the completion of the works.		LS	1.00		G=F*E
1.2	Putting in place a site billboards according to the client's instructions, and including and all accruals		Ls	1.00		
1.3	Design review and production of work execution documents, and including all accruals, and as built plans documents (soft and hard copies)		Km	23		-
		·				
	SUBTOTAL DIVISION 1:					-

2 2.1 2.1.1 2.1.2	a many many an ang ang			
2.1.1	CATCHMENT OF SOURCES CATCHMENT OF NYAKAGEZI SOURCE 2.5 1/s			
	Site clearance, removal of top vegetable soil, and site leveling or any shaping necessary	m2	706.86	_
	Earthwork, cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	1,206.37	-
2.1.3	Increase in Value for hard soil	m3	603.19	
2.1.4	Increase in Value for rock soil	m3	263.89	
	Supply and fix 18m PVC strainer DE75 DN60 PN10 to 20 cm of the tablecloth and routing of water in pipe PVC			-
2.1.5	DE63 DN50 PN10 of the strainer to the starting chamber at 12 m, including all accruals	lm	63.00	-
2.1.6	Supply and fix rolled filitrant river gravel, well washed up to 60 cm height, including all accruals	m3	30.00	
2.1.7	Supply and fix plastic tight sheet with the top of the gravel folded in 3 layers, including all accruals	m2	18.00	-
2.1.8	Fill with clay for a tight layer of 30 cm	m3	45.00	-
2.1.9	Fill with fine grained soil to a layer of 15 cm on top of the clay, including all accruals	m3	27.00	-
	Fill with soils without roots and other organic matter by compacting each time layers of 20 cm up to the level of the			
2.1.10	original ground, including all accruals	m3	141.37	-
2.1.11	Excavate a trench of protection of the source up to 80 cm depth. The bottom width 50 cm, including all accruals.	m3	37.70	
				-
2.1.12	Put in place a protective fence of quickset hedge in euphorbiums against animals, including all accruals	lm	188.50	-
2.1.13	Plant passparum around the zone of harnessing, including all accruals	m2	706.86	-
	SUBTOTAL DIVISION 2.1:			-
2.2	CATCHMENT OF KANINGA SOURCE 2 1/s			
2.2.1	Site clearance, removal of top vegetable soil, and site leveling or any shaping necessary	m2	1,319.47	-
2.2.2	Earthwork, cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	678.58	-
2.2.3	Increase in Value for hard soil	m3	235.62	-
2.2.4	Increase in Value for rock soil	m3	157.08	-
	Supply and fix 18m PVC strainer DE75 DN60 PN10 to 20 cm of the tablecloth and routing of water in pipe PVC			
2.2.5	DE63 DN50 PN10 of the strainer to the starting chamber at 45 m, including all accruals	lm	30.00	 
2.2.6	Supply and fix rolled filitrant river gravel, well washed up to 60 cm height, including all accruals	m3	18.00	-
2.2.7	Supply and fix plastic tight sheet with the top of the gravel folded in 3 layers, including all accruals	m2	12.00	-
2.2.8	Fill with clay for a tight layer of 30 cm	m3	36.00	-
2.2.9	Fill with fine grained soil to a layer of 15 cm on top of the clay, including all accruals	m3	18.00	
	Fill with soils without roots and other organic matter by compacting each time layers of 20 cm up to the level of the			
2.2.10	original ground, including all accruals	m3	263.89	 
2.2.11	Excavate a trench of protection of the source up to 80 cm depth. The bottom width 50 cm, including all accruals.	m3	37.70	_
2.2.12	Put in place a protective fence of quickset hedge in euphorbiums against animals, including all accruals	lm	94.25	-
2.2.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.2:	m2	1,319.47	-
	SUBTOTAL DIVISION 2.2.			-
2.3	CATCHMENT OF CYABUHIMBIRI SOURCE 0.8 1/s			
2.3.1	Site clearance, removal of top vegetable soil, and site leveling or any shaping necessary	m2	1,319.47	-
2.3.2	Earthwork, cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	678.58	-
2.3.3	Increase in Value for hard soil	m3	235.62	-
2.3.4	Increase in Value for rock soil	m3	157.08	-
	Supply and fix 18m PVC strainer DE75 DN60 PN10 to 20 cm of the tablecloth and routing of water in pipe PVC		***	
2.3.5	DE63 DN50 PN10 of the strainer to the starting chamber at 12 m, including all accruals	lm	30.00	-
2.3.6	Supply and fix rolled filitrant river gravel, well washed up to 60 cm height, including all accruals	m3	18.00	-
2.3.7	Supply and fix plastic tight sheet with the top of the gravel folded in 3 layers, including all accruals	m2	12.00	-
2.3.8	Fill with clay for a tight layer of 30 cm	m3	36.00	-
2.3.9	Fill with fine grained soil to a layer of 15 cm on top of the clay, including all accruals	m3	18.00	-
2.3.10	Fill with soils without roots and other organic matter by compacting each time layers of 20 cm up to the level of the	2	263.89	
2.3.10	original ground, including all accruals	m3	203.89	
2.3.11	Excavate a trench of protection of the source up to 80 cm depth. The bottom width 50 cm, including all accruals.	m3	37.70	-
2 2 12	But in all an a meetactive force of aviolatest haden in available interpretations and including all accorded	l <sub>ma</sub>	04.25	
2.3.12	Put in place a protective fence of quickset hedge in euphorbiums against animals, including all accruals	lm	94.25	-
2.3.12 2.3.13	Plant passparum around the zone of harnessing, including all accruals	lm m2	94.25 1,319.47	-
				-
2.3.13	Plant passparum around the zone of harnessing, including all accruals SUBTOTAL DIVISION 2.3: TOTAL DIVISION 2:			-
	Plant passparum around the zone of harnessing, including all accruals SUBTOTAL DIVISION 2.3:			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals SUBTOTAL DIVISION 2.3: TOTAL DIVISION 2:			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:			-
3	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.			-
2.3.13	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.			-
3 3.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling	m2	1,319.47	-
3	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all			-
3.1 3.1.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling	m2	1,319.47	-
3 3.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 *  0.15 * 0.8m, every 100m and at each change of direction (elbow position)	m2	1,319.47	-
3.1 3.1.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 *	m2	1,319.47	-
3.1 3.1.1 3.1.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (clbow position)  SUBTOTAL 3.1:	m2	1,319.47	-
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3.1 3.1.1 3.1.1	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (clbow position)  SUBTOTAL 3.1:	m2	1,319.47	
3.1 3.1.1 3.1.2	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines	lm Item	1,319.47 23,059.00 230.59	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.1 3.2.2 3.2.3	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 125 mm PN 16  HDPE DE 63mm PN 16	lm lm lm lm lm	23,059.00 230.59 834 1.654 3.308	
3.1 3.1.1 3.1.2 3.2.1 3.2.1 3.2.2 3.2.3 3.2.3 3.2.4	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (clbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 63 mm PN 16  HDPE DE 50 mm PN 16  HDPE DE 50 mm PN 16	lm lm lm lm lm lm lm	23,059.00 230.59 834 1,654 3,308 4,350	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.2 3.2.3 3.2.3 3.2.4 3.2.3	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 50mm PN 16	lm Item Im	1,319.47 23,059.00 230.59 834 1,654 3,308 4,350 8,698	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.2 3.2.3 3.2.4 3.2.5 3.2.5	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 53mm PN 16  HDPE DE 63mm PN 16  HDPE DE 50mm PN 16  HDPE DE 32 mm PN 16  HDPE DE 32 mm PN 16	Im I	23,059.00 230.59 230.59 834 1,654 3,308 4,350 8,698 4,215	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.2 3.2.3 3.2.3 3.2.4 3.2.3	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 30 mm PN 16  HDPE DE 50 mm PN 16  HDPE DE 10 mm PN 16  HDPE DE 32 mm PN 16	lm Item Im	1,319.47 23,059.00 230.59 834 1,654 3,308 4,350 8,698	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.3 3.2.3 3.2.4 3.2.5 3.2.4 3.2.5 3.2.6	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 53mm PN 16  HDPE DE 63mm PN 16  HDPE DE 50mm PN 16  HDPE DE 32 mm PN 16  HDPE DE 32 mm PN 16	lm l	1,319.47 23,059.00 230.59 834 1,654 3,308 4,350 8,698 4,215 42.00	
3.1 3.1.1 3.1.2 3.2.1 3.2.2 3.2.3 3.2.4 3.2.3 3.2.4 3.2.3 3.2.5 3.2.6 3.2.6 3.2.8 3.2.9	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (clbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 63mm PN 16  HDPE DE 50mm PN 16  HDPE DE 50mm PN 16  HDPE DE 40mm PN 16  HDPE DE 32 mm PN 16  Supply and installation of pipel pipe casing with GS 2" pipe  Solid mass of masonry in stones for pipes stabilization	lm l	1,319.47 23,059.00 230.59 834 1,654 3,308 4,350 8,698 4,210 24.00 24.00 2.25	
3.1 3.1.1 3.1.2 3.2.1 3.2.3 3.2.3 3.2.4 3.2.5 3.2.6 3.2.6 3.2.8 3.2.9 3.2.10	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 63mm PN 16  HDPE DE 50mm PN 16  HDPE DE 30mm PN 16	lm ltem lm	23,059.00 230.59 230.59 8.34 1,654 4,350 8,698 4,210 24.00 2.25 1.00	
3.1 3.1.1 3.1.1 3.1.2 3.2.1 3.2.2 3.2.3 3.2.4 3.2.5 3.2.6 3.2.7 3.2.8 3.2.9 3.2.10 3.2.11	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasae standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.11 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 75 mm PN 16  HDPE DE 63mm PN 16  HDPE DE 64mm PN 16  HDPE DE 32 mm PN 16  HDPE DE 40mm PN 16  HDPE DE 32 mm PN 16  HD	lm l	23,059.00 230.59 230.59 230.59 4,255 4,215 42.00 24.00 2.25 1.00 23,059.00	
3.1 3.1.1 3.1.2 3.2.1 3.2.3 3.2.3 3.2.4 3.2.5 3.2.6 3.2.6 3.2.8 3.2.9 3.2.10	Plant passparum around the zone of harnessing, including all accruals  SUBTOTAL DIVISION 2.3:  TOTAL DIVISION 2:  Supply and installation of pipelines  The following prices include:  The earthwork, trenches backfilling and land remediation at natural surface ground.  Supply, fix, and pressure testing for watertightness of pipes PN16 including lubricants and seals.  Earthwork by excavation and backfilling  Excavation and backfilling of Trenche with 1 x0.6 m (according to Wasac standard) depth, including all accruals.  Supply and Installation of Concrete Terminals (painted blue and numbered) on the route of the pipeline, dim.0.15 * 0.15 * 0.8m, every 100m and at each change of direction (elbow position)  SUBTOTAL 3.1:  Supply and installation of pipelines  HDPE DE 125 mm PN 16  HDPE DE 63mm PN 16  HDPE DE 50mm PN 16  HDPE DE 30mm PN 16	lm ltem lm	23,059.00 230.59 230.59 8.34 1,654 4,350 8,698 4,210 24.00 2.25 1.00	

	GYIDMON LY DILIVOLON A			
	SUBTOTAL DIVISION 3:			-
4	CONSTRUCTION OF CHAMABERS			
4.1	Air vent Chamber #(1.6×1.6×1.2m)			
4.1.1	Earthworks cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	9.45	-
4.1.2	Hardcore (stones pitching) of 30 cm with a filling of 1:10 cement sand mortar mix, saturated with water	m3	1.26	-
4.1.3	Blind concrete class C, thickness 5 cm	m3	0.21	-
4.1.4	Reinforced concrete for base slab ,class A Reinforced concrete for roof slab ,class A	m3 m3	0.51 0.45	-
4.1.6	Walls in stones masonry jointed with a mortar of class D	m3	1.41	-
4.1.7	Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg	m2	6.05	
4.1.8	Plaster on the upper side of roof slab with a rough mortar class B	m2	3.02	-
4.1.9	Supply and fix the damp proof course between the roof slab, the wall and the beam of support	m2	1.34	-
4.1.10		item	1.00	
4.1.10	Supply and fix of the metallic cover of 60X60X0.3 cm with a ventilation shaft at the top and mosquito screen	item	1.00	-
4.1.11	Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", the step=25cm	item	1.00	-
4.1.12	Supply and installation of hydraulic equipment and Fittings for connection of Air release valve	LS	1.00	-
	SUBTOTAL			1
	SUBTOTAL of 5 Air vent		5.00	-
4.2	Washout #(1.6×1.6×1.2m)			
4.2.1	Earthworks cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	9.45	-
4.2.2	Hardcore (stones pitching) of 30 cm with a filling of 1:10 cement sand mortar mix, saturated with water	m3	1.26	-
4.2.3	Blind concrete class C, thickness 5 cm	m3	0.21	-
4.2.4	Reinforced concrete for base slab ,class A	m3	0.51	1
4.2.5	Reinforced concrete for roof slab ,class A	m3	0.45	-
4.2.6	walls in stones masonry jointed with a mortar of class D	m3	1.41	-
4.2.7	Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg	m2	6.05	=
4.2.8	Plaster on the upper side of roof slab with a rough mortar class B	m2	3.02	 -
4.2.9	Supply and fix the damp proof course between the roof slab, the wall and the beam of support	m2	1.34	-
4.2.10	Supply and fix of the metallic cover of 60X60X0.3 cm with a ventilation shaft at the top and mosquito screen	item	1.00	-
	Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of paint "rust			
4.2.11	preventive", the step=25cm	item	1.00	-
4.2.12	Supply and installation of hydraulic equipment and Fittings for connection of washout	LS	1.00	-
4.2.13	Rejection works SUBTOTAL	Ls	1.00	-
	SUBTOTAL of 6 Washout		6.00	-
4.3	INTAKE CHAMBER # (3.1×2.4×1.2m)			
4.3.1	Earthwork by cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	13.02	-
4.3.2	Hardcore (stones pitching) of 30 cm with voids full with cement and sand mortar mix of ratio 1 to 10 respectively	m3	2.85	-
4.3.3	Blind with concrete class C, thickness 5 cm	m3	0.48	-
4.3.4	Hydraulic reinforced concrete for the base	m3	1.23	-
	Hydraulic reinforced concrete for the base Reinforced concrete for the roof ,class A	m3 m3	1.23 1.39	-
4.3.4				-
4.3.4 4.3.5	Reinforced concrete for the roof ,class A	m3	1.39	-
4.3.4 4.3.5 4.3.6	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints	m3 m3	1.39 4.36	-
4.3.4 4.3.5 4.3.6 4.3.7	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats	m3 m3 m2	1.39 4.36 15.04	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m <sup>3</sup> Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B	m3 m3 m2 m2	1.39 4.36 15.04 15.04 15.04 9.26	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m <sup>3</sup> Supply and apply 3 layers of paints "Sikalatex"	m3 m3 m2 m2 m2	1.39 4.36 15.04 15.04 15.04	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m <sup>3</sup> Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B	m3 m3 m2 m2 m2 m2 m2	1.39 4.36 15.04 15.04 15.04 9.26	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m <sup>3</sup> Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen	m3 m3 m2 m2 m2 m2 m2 m2	1.39 4.36 15.04 15.04 15.04 9.26 3.09	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height	m3 m3 m2 m2 m2 m2 m2 m2	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fix of aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).	m3 m3 m2 m2 m2 m2 m2 m2 item LS	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³ Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works	m3 m3 m2 m2 m2 m2 m2 item	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fix of aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).	m3 m3 m2 m2 m2 m2 m2 m2 item LS	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL	m3 m3 m2 m2 m2 m2 m2 m2 item LS	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers	m3 m3 m2 m2 m2 m2 m2 m2 item LS	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL	m3 m3 m2 m2 m2 m2 m2 m2 item LS	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all	m3 m3 m2 m2 m2 m2 m2 m2 ttem item LS Ls	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00	-
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals	m3 m3 m2 m2 m2 m2 m2 m2 item item LS Ls m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water	m3 m3 m2 m2 m2 m2 m2 m2 item item LS Ls m3 m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  IOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS Ls  un3 m3 m3 m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection AL  BUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A	m3 m3 m3 m2 m2 m2 m2 m2 m2 item item  LS Ls  m3 m3 m3 m3 m3	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.15 4.4.1 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D	m3 m3 m3 m2 m2 m2 m2 m2 m2 item item  LS Ls a a a a a a a a a a a a a a a a a a	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab, class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS Ls  s s s s s s s s s s s s s s s s	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05 3.02	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind corcete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix the damp proof course between the roof slab, the wall and the beam of support	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SuBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture	m3 m3 m2 m2 m2 m2 m2 m2 item item  LS LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05 3.02	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL INTOTAL INT	m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00  8.23 1.31 0.18 0.53 1.41 6.05 3.02 1.18 1.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SuBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamber with plaster of 300 kg/m³ ciment mixture	m3 m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  and  m3	1.39 4.36 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 8.23 1.31 0.18 0.53 1.41 6.05 3.02	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³ Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals Blind concrete class C, thickness 5 cm Reinforced concrete for base slab and roof slab ,class A Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix the damp proof course setween the roof slab, the wall and the beam of support  Supply and fix the damp proof course setween the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60X60X0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step=25cm  Supply and installation of hydraulic equipment and Fittings for connection o	m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00 1.01 1.01 1.01 1	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOLL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab ,class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar chamse B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix no lateral cover of 60X60X0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and installation of hydraulic equipment and Fittin	m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00  8.23 1.31 0.18 0.53 1.41 6.05 3.02 1.18 1.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9 4.4.10	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SuBTOTAL installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (L8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab, class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix no lateral reinforced concrete for for Sub sub with a rough mortar class B  Supply and fix no lateral reinforced concrete for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step =25cm  Supply and fix an iron ladder for i	m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00 1.01 1.01 1.01 1	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³ Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals Blind concrete class C, thickness 5 cm Reinforced concrete for base slab and roof slab ,class A Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix the damp proof course setween the roof slab, the wall and the beam of support  Supply and fix the damp proof course setween the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60X60X0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step=25cm  Supply and installation of hydraulic equipment and Fittings for connection o	m3 m3 m2 m2 m2 m2 m2 m2 item  item  LS Ls  m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00 1.01 1.01 1.01 1	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9 4.4.10 4.4.11	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SuBTOTAL into f 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (L8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete for base slab and roof slab, class A  Lateral walls in stones masonry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix no ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step=25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step=25cm  Supply and installation of hydraulic equipment and Fittings for connection of valve chamber (All valve of PN16).  SUBTOTAL 4.4  FURL	m3 m3 m2 m2 m2 m2 m2 m2 item item LS Ls  s s s s s s s s s s s s s s s s	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00  8.23 1.31 0.18 0.53 1.41 6.05 3.02 1.18 1.00 1.00 1.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.8 4.4.9 4.4.10 4.4.11	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³ Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works SUBTOTAL TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm Reinforced concrete for base slab and roof slab ,class A Lateral walls in stones masonry jointed with a mortar of class D Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supp	m3 m3 m3 m2 m2 m2 m2 m2 m2 item item LS Ls s m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00  8.23 1.31 0.18 0.53 1.41 6.05 3.02 1.18 1.00 1.00 1.00 1.00 1.00	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9 4.4.10 4.4.11	Reinforced concrete for the roof ,class A  Masonry walls in hardcore, with fair face pointed at the joints  Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats  Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³  Supply and apply 3 layers of paints "Sikalatex"  Plaster on upper side of the roof slab with a rough mortar class B  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen  Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height  Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16).  Rejection works  SUBTOTAL  TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS #(1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm  Reinforced concrete class C of base slab and roof slab ,class A  Lateral walls in stones masomry jointed with a mortar of class D  Coating of the internal side of wall of the inspection chambers with plaster of 300 kg/m³ ciment mixture  Plaster) on upper side of the slab with a rough mortar cols slab, the wall and the beam of support  Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted	m3 m3 m3 m2 m2 m2 m2 m2 item item  LS Ls m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00 3.00 1.00 1.00 1.00 1	
4.3.4 4.3.5 4.3.6 4.3.7 4.3.8 4.3.9 4.3.10 4.3.11 4.3.12 4.3.13 4.3.14 4.3.15 4.4.1 4.4.1 4.4.2 4.4.3 4.4.4 4.4.5 4.4.6 4.4.7 4.4.8 4.4.9 4.4.10 4.4.11	Reinforced concrete for the roof ,class A Masonry walls in hardcore, with fair face pointed at the joints Coating of the internal face of wall of the tank with 3 hydrafuges water proofing coats Coating of the internal face of wall of the inspection chamber with 3 layers of plaster of 300 kg/m³ Supply and apply 3 layers of paints "Sikalatex" Plaster on upper side of the roof slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support Supply and fix of the metallic cover of 60 X 60 X 0.3 cm with a ventilation shaft at the top and the mosquito screen Supply a fixed aluminium ladder for interior access embedded in the wall, painted with 3 layers of paint "rust preventive", with 2m of height Supply and installation of hydraulic equipment and Fittings for connection of intake (All valve of PN16). Rejection works SUBTOTAL TOTAL of 3 Intake Chambers  CONSTRUCTION OF SECTION VALVE BRANCHES CHAMBERS # (1.8×1.8×1.2m)  Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water  Blind concrete class C, thickness 5 cm Reinforced concrete for base slab and roof slab ,class A Lateral walls in stones masonry jointed with a mortar of class D Coating of the internal side of wall of the inspection chamber with plaster of 300 kg/m³ ciment mixture  Plaster on upper side of the slab with a rough mortar class B Supply and fix the damp proof course between the roof slab, the wall and the beam of support  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supply and fix an iron ladder for interior access embedded in the wall, painted with 3 layers of rust preventive paint, the step—25cm  Supp	m3 m3 m3 m2 m2 m2 m2 m2 m2 item item LS Ls s m3	1.39 4.36 15.04 15.04 15.04 9.26 3.09 2.00 1.00 1.00 3.00  8.23 1.31 0.18 0.53 1.41 6.05 3.02 1.18 1.00 1.00 1.00 1.00 1.00	

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See an enter and ordinal and the content content of the content of	4.5.6	Coating of the internal side of wall of the inspection chamber with 3 layers of plaster of 300 kg/m <sup>3</sup> ciment mixture	m2	7.56	_
1.13   1.14   1.15					
Sept. On the Continue and Con					
1-30   10.00	4.5.8	Supply and fix the damp proof course between the roof slab, the wall and the beam of support	m2	1.18	-
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An in the carbody of the carbody of the carbody of contraction of clientation clauses (16 valve of 15		1 1 1		-	
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South and common and the binding and periodical on the desirations of the binding and processed on the desirations of the binding and specified on the desiration of the binding and specified on the desiration of the binding and specified on the desiration of the d					
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Security of the hulling of expectation of the density of the process of the process of the hulling of expectation of the density of the process of the process of the process of the process of the hulling of the process of the pro		CONSTRUCTION OF BUILDECULATOR AND TREATMENT DOOM ( Defends decisions)			
Earth wester in Evenuelate 2595-2594,7-250-2-3 mill-2010 of foundation trenshor. Terroring.  2. degree, conting, evenuelate, techniciting, overlay of supplies will and reconduction, mobiling all 100,125  3. degree of the evenuelate place of the control of the c			IS	1	
and words in Eccentume 1, 2017 17 (2017) 17 (2017) 18 (2017) 20 (2	J.1		LS		
secretals and the cleange plate control work of filling of 110 cornects and nectural mais, naturally water metals and the cleange plate control with a filling of 110 cornect sand nectural mis, naturally who water mis 10,575  15. Sepply of all fillings of 10 cm with a filling of 110 cornect sand nectural mis, naturally who water mis 10,575  15. Sepply of all fillings of 10 cm with a filling of 110 cornect sand nectural mis, naturally who water miss 10,575  15. Sepply and fillings chair miss 10 cornect sand nectural mis, naturally with water miss 10,500 cm					
coreals and size clearing again constructions  3	5.2		m <sup>3</sup>	103.125	-
The Markove (stones pelding) of 20 cm with a filling of 1:10 cmmers and mortar mix, suterated with water  15.1 heaping of aggregate in the fillinous clauses  15.2 heaping of aggregate in the fillinous clauses  15.3 heaping and the fillinous control of consenses whether the period of the control of the con					
1	5.2		2	10.975	
5.5   Supply of facilitation clumber   m2	5.3	Hardcore (stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water	m3	10.8/5	-
5.6 spely of fine sould in the fillotionic clusters are controlled to the special and another in the control of	5.4				-
Section of the content of the cont		Supply of aggregate for the filtration chamber	m3	4.8	<u> </u>
1.5   Supply and maintaining of the damp conground mobile all proposed and filtrings   1.4   1.2   1.4   1.5   1			m3		-
September   Sept				16.4	-
CONCRETE WORK  15.01. Blinding concrete in foundation trenches  15.11. Cut will, passage on the top yask of the fifter to be standed up on while making the inspection works and cheeking the countries works.  15.12. Cut will, passage on the top yask of the fifter to be standed up on while making the inspection works and cheeking the countries works.  15.12. Cut will, passage on the top yask of the fifter to be standed up on while making the inspection works and cheeking the countries work.  15.13. Societies (Standinian and Countries works)  15.14. Backelling and old competition would  15.15. Cut ment counting over foundation would  15.15. Cut ment countries over foundation of the countries of the countries over foundation of the countries of the countries over foundation of the countries of the countries over foundation of the countries over foundation of the countries over foundation of the countries of the countries over foundation of t				1	
Billishing concerted in foundation trenches   m²   2.4373	5.9		m2	7.4152	-
5.12 Clower in the parket of the filter to be standed up on white making the inspection works and checking the operation works.  5.12 Dillman thick sentifiered converte underground walls.  5.13 Streewick foundation  1.13 246523  5.14 Backfilling and soil composition around foundation wills  1.14 Backfilling and soil composition around foundation wills  1.15 General configure or foundation will  1.15 General configure or foundation will be foundation of the foundation of				1	
December	5.10,	•	m <sup>3</sup>	2.4375	-
1.15 Security for operation works.  1.25 Security for foundation  1.26 Security for foundation  1.27 Security for foundation and the security of the security	5.11		m <sup>3</sup>	0.69375	-
Size Societies foundation    Size   Head-filling and oil comparison around foundation walls   m²   44.1372					
Backfilling and soil corespacion around foundation walls			m3		-
5.19 Deappre governed (2 cm thick)  1.50 Deappre governed (2 cm thick)  1.51 Deappre governed (2 cm thick)  1.52 SUPPERSINUCTURE  5.17 Elevation of interior and exterior walls with humt bricks bound together with cement mortar  5.18 Masseory for ventilation holes (classram)  5.19 Reafforced concrete limits  1.51 Robotic concrete limits  1.52 Deappre (2 cm thick)  1.52 Deappre (2 cm thick)  1.53 Deappre (2 cm thick)  1.54 Deappre (2 cm thick)  1.55 D	5.13		m <sup>3</sup>		=
Strong   S	5.14	Backfilling and soil compaction around foundation walls	m <sup>3</sup>	44.3525	-
Storal   S	5.15	Cement coating over foundation wall	m <sup>3</sup>	0.468	-
STORIAL  Wall masonry and concrete  SUPPERSTRUCTURE  STORIAL CONTROL OF CONTR	5.16	Dump proof course of 2 Cm thick		1.355	
Wall measurery and concrete					-
Elevation of interior and exterior walls with barne bricks bound together with cement mortar   m <sub>1</sub> <sup>2</sup>   2		SUPPERSTRUCT	TURE		
Mananory for ventification holes (claustra)   m²   2		Wall masonry and concrete			
Significance of Concrete lime    m²   1,004	5.17	Elevation of interior and exterior walls with burnt bricks bound together with cement mortar	m <sup>3</sup>	11.508	-
RODG   RODG	5.18	Mansory for ventillation holes (claustra)	m <sup>2</sup>	2	-
ROOF  1. Situ vibrated reinforced concrete mix as C25/30 ratio described incuding High yield tensite steel bar reinforcement grads 460 as described including outing to lengths, bending, hosting and fixing including all necessary tying wire and spacing blecks, and Sawn timber formworks to GET A SUSPENDED SLAB  STOTAL  CELING  CELING  DOORS AWINDOWS  DOORS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, bock and all requirements  Windows  Windows  FLOORING FINSHES  FLOORING FINSHES  PANTING WORKS  PANTING WORKS  INLET-OUTLET-RAD WASH OUT  Supply and fixation of 70°P0 glazed metallic window and all requirements  PROWNED  PANTING WORKS  INLET-OUTLET-RAD WASH OUT  Supply and fixation of fisher quality with transom, bock and all requirements  PROWNED  FROM The supply and fixation of 70°P0 glazed metallic window and all requirements  FLOORING FINSHES  FLOORING FINSHES  PLANTERING, RENDERING & WALL FINSHES  PANTING WORKS  INLET-OUTLET-RAD WASH OUT  Supply and fixation paints  PRE WORK  INLET-OUTLET-RAD WASH OUT  Supply and fixation of fisher quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Supply and fixation for fished quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Supply and fixation fished received side with on back side of concrete walls  Supply and fixation of fiscentical applannees  Supply and fixation of fiscentical applannees  Supply and fixation of Switches. complete of good quality with accessories and all requirements  PRE WORK  Supply and fixation of Switches. complete of good quality with accessories and all requirements  Supply and fixation of Switches. complete of good quality with accessories and all requirements  PRE WORK Supply and fixation of Switches. complete of good quality with accessories and all requirements  Supply and fixation of Switches. complete of good quality with accessories and a					
In-situ, vibrated reinforced concrete mix as C25/30 ratio described incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, losting and fixing including all necessary trying wire and spacing blocks, and Sawn timber formworks to GET A SUSPENDED SLAB    STOIAL	5.19	Reinforced concrete lintel	m <sup>3</sup>	1.004	-
1.20   1.20	5.19		m <sup>3</sup>	1.004	=
all necessary tying wire and spacing blocks, and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  S/Total  CELING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  PLOUNGE FINSIES  Supply and fixation of 70°70 glazed metallic window and all requirements  Mail plastering and Rendering  PLASTERING, RNDERING & WALL FINSIES  Supply and fixation for Supply and fixation for supply and fixation of the and all Filings as required  Supply and fixation of supply and fixation of forestock and all Filings as required  Supply and fixation of forestock and all Filings as required  Supply & fixation of clectrical appliances  Supply & fixation of clectri	5.19	ROOF	m <sup>3</sup>	1.004	-
STORIA  CELLING  5.21 Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Vindows  FLOORING FINSHES  PLOSTINISHES  1.522 Supply and fixation of 79°70 glazed metallic window and all requirements  FLOORING FINSHES  PLASTERING, RENDERING & WALL FINISHES  1.523 Floor tiling and skirting  PLASTERING MORKS  1.524 Wall plastering and Rendering  PAINTING WORKS  1.525 Wall painting with emulsion paints  PEWORK  INLETOUTLET AND WASH DUT  Valet proofing works to protect side walls on back side of concrete walls  2.527 Water proofing works to protect side walls on back side of concrete walls  2.528 ELECTRICITY  3.530 Supply & fixation to fleetrical appliances  Supply & fixation of lecterical appliances  EVACUATION  Soak away pit (3m deep) excuration WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the raining the		ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar		1.004	-
CELLING  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all cequirements  Windows  Windows  Thought of the Supply and fixation of 70*70 glazed metallic window and all requirements  Windows  FlooRNG FINSHES  Plast Files Fi		ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including		1.004	-
Pequating the well Plainting   three coat emulsion paint in soffit of under the slab   DOORS & WINDOWS		ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including		1.004	- -
DOORS & WINDOWS		ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total		1.004	-
Doors		ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total		6	-
Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements requirements   Pec   1.00	5.20	ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab	m3	6	-
Pec   100	5.20	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS	m3	6	-
Pequirements	5.20	ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors	m3	6	-
Supply and fixation of 70°70 glazed metallic window and all requirements   Pec   FLORING FINISHES	5.20	ROOF  In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors	m3	6	
FLOORING FINISHES  Floor tiling and skirting PLASTERING, RENDERING & WALL FINISHES  2.24 Wall plastering and Rendering PAINTING WORKS  Sull plastering and Rendering PAINTING WORKS  Sulphy and fixation plasters and all Fittings as required  Supply and fixation in lighest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Supply and fixation of electrical appliances  Supply and fixation of electrical appliances  Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side dirange channels during the rain season.  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side direction of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the grain season.  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation matter foundation (1.20 m height) along the outline of the plot  Soak away pit (3m deep) excavation matter founda	5.20	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks, and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements	m3	6	-
Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  ### VALL FINISHES  ### PLASTERING, RENDERING & WALL FINISHES  ### VALL FINISHES  ### PAINTING WORKS  ### AND I PIPE WORK  ### INLET-OUTLET AND WASH OUT    Supply and fixation highest quality with accessories and all Fittings as required  ### Supply and fixation highest quality with accessories and all Fittings as required  ### Supply and fixation of electrical appliances  ### Supply & fixation of electrical appliances  ### Supply & fixation of electrical appliances  ### Supply & fixation of locatical appliances  ### Supply & fixation of locatical appliances  ### Supply & fixation of locatical appliances  ### Supply & fixation of Switches. complete of good quality with accessories and all requirements  ### EVACUATION  ### Supply & fixation of Switches. complete of good quality with accessories and all requirements  ### EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the guiters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  ### Suppl & Good of the soak away pit for the storm water, sludgers from filters and other side liquid wastes  ### DRAINAGE WORKS  ### Suppl & Drain Stainless and other tubes combined together with the columns in manonry  ### Suppl & Drain Stainless and other tubes combined together with the columns in manonry  ### Suppl & Drain Stainless and other tubes combined together with the columns in manonry  ### Suppl Appl Drain Piter REGULATOR  ### Suppl Appl Piter REGULATOR  ### Suppl Piter Piter REGULATOR  ### Suppl Piter Pite	5.20 5.21	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks, and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements	m3	6	-
PLASTERING, RENDERING & WALL FINISHES  5.24 Wall plastering and Rendering PAINING WORKS  5.25 Wall painting with emulsion paints PIPE WORK  INLET-OUTLET AND WASH OUT  5.26 Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.30 Supply and fixation of locandesent Light bulb with their solar pannel .complete of good quality with accessories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.32 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.33 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.34 EVACUATION  5.35 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.36 EVACUATION  5.37 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.38 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.39 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.30 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.31 Sunday will in mesh stainless and other water, sludgers from filters and other side liquid wastes  5.36 Boundary wall in mesh stainless and other mater, sludgers from filters and other side liquid wastes  5.37 Boundary wall in mesh stainless and other mater, sludgers from filters and other side liquid wastes  5.38 Boundary wall in mesh stainless and other on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  5.38 SUBTOTAL FOR I PHI REGULATOR  5.58 SUBTOTAL FOR I PHI REGULATOR	5.20 5.21	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements	m3  m²  Pee	6	-
PLASTERING, RENDERING & WALL FINISHES  5.24 Wall plastering and Rendering PAINTING WORKS  5.25 Wall painting with emulsion paints PIPE WORK  INLET-OUTLET AND WASH OUT  5.26 Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.30 Supply and fixation of locandesent Light bulb with their solar pannel complete of good quality with accessories and all requirements  5.31 Supply and fixation of Switches, complete of good quality with accessories and all requirements  5.32 Supply and fixation of Switches, complete of good quality with accessories and all requirements  5.33 Supply and fixation of Switches, complete of good quality with accessories and all requirements  5.34 EVACUATION  5.35 Supply and fixation of Switches, complete of good quality with accessories and all requirements  5.36 EVACUATION  5.37 Supply and fixation of Switches, complete of good quality with accessories and all requirements  5.38 Cover of the soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side diringe channels during the rain season  5.39 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.30 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.31 Sunot full in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  5.36 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.37 LB August Proventing the gutters of the roof should on metallic poles (40x40mm) 2,50 me quidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  5.70 Subtrotal FIREGULATOR	5.20 5.21	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements	m3  m²  Pee	6	-
PAINTING WORKS  5.25 Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  5.26 Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.29 Supply and fixation of incandessent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.30 Supply and fixation of incandessent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season .  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  5.35 Bundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.46 Woven wire fencing 2m height bound on metallic poles (40×40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  5.70 SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES	m <sup>2</sup> Pee	6 1.00	-
PAINTING WORKS  5.25 Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  5.26 Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.29 Supply and fixation of incandessent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.30 Supply and fixation of incandessent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season .  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  5.35 Bundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.46 Woven wire fencing 2m height bound on metallic poles (40×40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  5.70 SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting	m <sup>2</sup> Pee	6 1.00	-
S.25   Wall painting with emulsion paints   m²   63	5.20 5.21 5.22 5.22 5.23	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES	m3  m²  Pee  Pee  m²	6 1.00	-
PIPE WORK INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  LS 1	5.20 5.21 5.22 5.22 5.23	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  FLOORING FINISHES  FLOORING, RENDERING & WALL FINISHES  Wall plastering and Rendering	m3  m²  Pee  Pee  m²	6 1.00	-
INLET-OUTLET AND WASH OUT   Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes   LS	5.20 5.21 5.22 5.22 5.23 5.24	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS	m3  m²  Pee  Pee  m²  m²	6 1.00 4 19 63	-
Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.30 Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accessories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accessories and all requirements  5.32 EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.,  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  LS 4  5.36 Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  5.76 SUBTOTAL:5  5.86 SUBTOTAL:5  5.86 SUBTOTAL 55  5.87 SUBTOTAL:5	5.20 5.21 5.22 5.22 5.23 5.24	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints	m3  m²  Pee  Pee  m²  m²	6 1.00 4 19 63	-
complete of good quality with accesssories and all Fittings as required  5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.30 Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accesssories and all requirements  5.32 EVACUATION  5.32 Suaway pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season .  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  LS 4  5.36 A large more and cement mortar foundation (1,20 m height) along the outline of the plot  5.70 SUBTOTAL :5  5.80 SUBTOTAL :5  5.80 SUBTOTAL :5  5.80 SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22 5.22 5.23 5.24	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK	m3  m²  Pee  Pee  m²  m²	6 1.00 4 19 63	-
5.27 Water proofing works to protect side walls on back side of concrete walls  5.28 ELECTRICITY  5.29 Supply & fixation of electrical appliances  5.30 Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accesssories and all requirements  5.32 EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.36 Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL :5  SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22 5.22 5.23 5.24 5.25	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT	m3  m2  Pce  Pce  m2  m2  m2  m2	6 1.00 4 19 63	-
5.28 ELECTRICITY 5.29 Supply & fixation of electrical appliances 5.30 Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements pce 4	5.20 5.21 5.22 5.22 5.23 5.24 5.25	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  FLOORING FINISHES  FLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes	m3  m2  Pce  Pce  m2  m2  m2  m2	6 1.00 4 19 63	
5.29 Supply & fixation of electrical appliances  Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3 m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.,  5.32 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.36 A hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22 5.22 5.23 5.24 5.25	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required	m2 Pce Pce m2 m2 m2 LS	6 1.00 4 19 63 63 63	-
Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  5.31 Supply and fixation of Switches. complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3 m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.  5.32 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  LS 4	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall painting with emulsion paints  PPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls	m2 Pce Pce m2 m2 m2 LS	6 1.00 4 19 63 63 63	-
accesssories and all requirements  5.31 Supply and fixation of Switches, complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.,  5.32 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masomry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL :5  SUBTOTAL FOR 1 PH REGULATOR  1	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes  .complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY	m2 Pce Pce m2 m2 m2 LS	6 1.00 4 19 63 63 63	
5.31 Supply and fixation of Switches, complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3 m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.,  5.32 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masomy  LS 4	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  FLOORING FINISHES  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply & fixation of electrical appliances	m3  m²  Pee  Pee  m²  m²  m²  LS  m²	6 1.00 4 19 63 63 63	
EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  5.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m) m3 0.4  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes m3 1.4  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masomry LS 4  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply & fixation of fleandesent Light bulb with their solar pannel .complete of good quality with	m3  m²  Pee  Pee  m²  m²  m²  LS  m²	6 1.00 4 19 63 63 63	
the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  S.33 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  S.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  S.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  LS 4 -  S.36 Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S.71 SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1 -  SUBTOTAL FOR 1 PH REGULATOR	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Boors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply & fixation of locandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements	m3  m2  Pce  Pce  m2  m2  m3  LS  m2  pce	6 1.00 4 19 63 63 1 54.2	
side drainage channels during the rain season	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes .complete of good quality with accesssories and all Fequirements  ELECTRICITY  Supply & fixation of electrical appliances  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements	m3  m2  Pce  Pce  m2  m2  m3  LS  m2  pce	6 1.00 4 19 63 63 1 54.2	
5.34 Cover of the soak away pit in a reinforced concrete (d=1.10 m)  5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1 -	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply a fixation of electrical appliances  Supply and fixation of Incandesent Light bulb with their solar pannel .complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION	m3  m2  Pce  Pce  m2  m2  m3  LS  m2  pce	6 1.00 4 19 63 63 1 54.2	
5.34 Stone to fill in the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1 -	5.20 5.21 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with scoressories and all requirements  Supply and fixation of Switches. complete of good quality with accessories and all requirements  Supply and fixation of Switches. complete of good quality with scoressories and all requirements	m3  m2  Pee  Pee  m2  m2  m2  m2  m2  m2  pee  pee  pe	6 1.00 4 19 63 63 54.2	
DRAINAGE WORKS  5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.36 Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1 -	5.20 5.21 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of electrical appliances  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season	m3  m2  Pce  Pce  m2  m2  m2  m2  m3	6 1.00 4 19 63 63 1 54.2 4 3	
5.35 Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  5.36 Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1	5.20 5.21 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of electrical appliances  Supply and fixation of lectrical appliances  Supply and fixation of Switches, complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season . ,  Cover of the soak away pit in a reinforced concrete (d=1.10 m)	m3  m2  Pee  Pee  m2  m2  m3  m4  m2  m2  m2  m3  m3	6 1.00 1.00 4 4 19 63 63 54.2 4 4 3 12.0	-
Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL :5  SUBTOTAL FOR 1 PH REGULATOR  1	5.20 5.21 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of Electrical appliances  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  Supply and fixation of Switches. complete of good quality with accesssories and all requirements  EVACUATION  Soak away pit (3 m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Stone to fill in the soak away pit for the storm water, sludgers from filters and other side	m3  m2  Pee  Pee  m2  m2  m3  m4  m2  m2  m2  m3  m3	6 1.00 1.00 4 4 19 63 63 54.2 4 4 3 12.0	-
a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total  SUBTOTAL:5  SUBTOTAL FOR 1 PH REGULATOR  1	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes .complete of good quality with accessories and all Fequirements  ELECTRICITY  Supply & fixation of electrical appliances  Supply and fixation of switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.,  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3	6 1.00 1.00 4 4 19 63 63 54.2 4 4 3 12.0	-
a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total -  SUBTOTAL :5 -  SUBTOTAL FOR 1 PH REGULATOR 1 -	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  Doors  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of lectrical appliances  Supply and fixation of Switches, complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season. ,  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Stone to fill in the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  Boundary wall in mesh stainless and other tubes combined together with the columns in masonry	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3	6 1.00 1.00 4 4 19 63 63 54.2 4 4 3 12.0	-
SUBTOTAL:5 SUBTOTAL FOR 1 PH REGULATOR 1 -	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  DOORS & WINDOWS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of electrical appliances  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Stone to fill in the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3  m3	6  1.00  4  19  63  63  1  54.2  4  3  12.0  0.4  1.4	-
SUBTOTAL FOR 1 PH REGULATOR 1 -	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB  S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  DOORS & WINDOWS  DOORS & WINDOWS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accessories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of lecetrical appliances  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season.  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Stone to fill in the soak away pit for the storm water, sludgers from filters and other side liquid wastes  DRAINAGE WORKS  Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2,50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3  m3	6  1.00  4  19  63  63  1  54.2  4  3  12.0  0.4  1.4	-
	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  DOORS & WINDOWS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINISHES  Floor tiling and skirting  PLASTERING, RENDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply & fixation of electrical appliances  Supply and fixation of Incandessent Light bulb with their solar pannel .complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season .  Cover of the soak away pit for the storm water, sludgers from filters and othher side liquid wastes  DRAINAGE WORKS  Boundary wall in mesh stainless and other tubes combined together with the columns in masonry  Woven wire fencing 2m height bound on metallic poles (40x40mm) 2.50 m equidistant and anchoring in a hardcore and cement mortar foundation (1,20 m height) along the outline of the plot  S/Total	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3  m3	6  1.00  4  19  63  63  1  54.2  4  3  12.0  0.4  1.4	-
6 RESERVOIRS	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  DOORS & WINDOWS  DOORS & WINDOWS  DOORS & WINDOWS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINSHES  FLOORING FINSHES  FLOORING FINSHES  FOORTING ANDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of electrical appliances  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by dire	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3  m3	6  1.00  4  19  63  63  1  54.2  4  3  12.0  0.4  1.4	-
	5.20 5.21 5.22 5.22 5.23 5.24 5.25 5.26 5.27 5.28 5.29 5.30 5.31 5.32	In-situ, vibrated reinforced concrete mix as C25/30 ratio described.incuding High yield tensile steel bar reinforcement grade 460 as described including cutting to lengths, bending, hoisting and fixing including all necessary tying wire and spacing blocks. and Sawn timber formworks to GET A SUSPENDED SLAB S/Total  CEILING  Preparing the well Painting I three coat emulsion paint in soffit of under the slab  DOORS & WINDOWS  DOORS & WINDOWS  DOORS & WINDOWS  DOORS & WINDOWS  Supply and fixation of 180cm*210cm glazed metallic door in quality with transom, lock and all requirements  Windows  Supply and fixation of 70*70 glazed metallic window and all requirements  FLOORING FINSHES  FLOORING FINSHES  FLOORING FINSHES  FOORTING ANDERING & WALL FINISHES  Wall plastering and Rendering  PAINTING WORKS  Wall painting with emulsion paints  PIPE WORK  INLET-OUTLET AND WASH OUT  Supply and fixation highest quality PVC 16PN and DN125mm of washout inlet and out let pipes complete of good quality with accesssories and all Fittings as required  Water proofing works to protect side walls on back side of concrete walls  ELECTRICITY  Supply and fixation of electrical appliances  Supply and fixation of Switches. complete of good quality with accessories and all requirements  EVACUATION  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by directing the gutters of the roof should be channeled in this pit from the filters and other side drainage channels during the rain season  Cover of the soak away pit in a reinforced concrete (d=1.10 m)  Soak away pit (3m deep) excavation WITH 2 chambers filled with stones for the purpose of retaining the wastes by dire	m3  m2  Pee  Pee  m2  m2  m3  m3  m3  m3  m3	6  1.00  4  19  63  63  1  54.2  4  3  12.0  0.4  1.4	-

6.1	C	1	1	<u> </u>	
6.1	Construction of 25 m² capacity reservoir	2	47.50		
6.1.1	Clear site of grass, bushes, shrubs and hedges grub up roots and remove from site all excavated materials	m2	47.52		-
6.1.2	Stripping of top vegetative soil 200 mm deep and remove from site all excavated materials.	m3	9.50		-
6.1.3	Earthworks, cut, fill and evacuation or overlay of the surplus soils, including all accruals  Termidor 25EC. Chemical anti-termite treatment executed by an approved specialist under 10 years guarantee to	m3	47.52		-
6.1.4	surfaces of hardcore.	m2	47.52		-
6.1.5	Hardcore (stones pitching) of 30 cm thick with a filling of 1:10 cement sand mortar mix saturated with water	m3	5.78		-
6.1.6	Blinding concrete C15/20, thickness 10 cm	m3	0.87		-
6.1.7	Hydraulic reinforced concrete C25/30 for base slab	m3	4.39		-
6.1.8	Reinforced concrete C25/30 for cover slab and beams	m3	2.27		-
6.1.9	Supply and installation of water stoper	m3	15.60		-
6.1.10	Hydraulic reinforced concrete C25/30 for elevation walls	m3	9.98 65.04		-
6.1.11	Supply and application of 3 layers of water proofing paints  Supply and application of 3 layers of antibacteria paints on the internall walls	m2 m2	65.04		-
6.1.13	Supply and application of 3 layers of tyrolean finish on the external walls	m2	65.04		-
6.1.14	Plaster on upper side of the cover slab with a rough mortar class B with hard finish	m2	15.12		-
6.1.15	Protection of the cover slab with bitumen	m2	15.12		-
6.1.16	Protection of the cover slab with gravels above bitumen  Realization of 6m Ø110mm pipes for the evacuation of rainwater from the top slab of reservoir	m2	15.12 6.00		-
6.1.17	Acration of reservoir with galvanized steel pipe DN100	m Item	2.00		-
6.1.19	Supply and fix of stainless steel ladder embedded in the wall for access inside the reservoir	Item	1.00		-
6.1.20	Supply and placement of fiberglass cover 800 mm x 800 mm for inspection	Lps	1.00		-
6.1.21	Supply and fix of a solid galvanised steel ladder embedded in the wall for access to the top of the reservoir	Item	1.00		-
	Total 1:				-
6.1.22	Valve chamber:  Earthworks cut, fill and evacuation or overlay of the surplus soils, including all accruals	m3	9.86		-
6.1.23	Hardcore (stones pitching) of 30 cm with a filling of 1:10 cement sand mortar mix saturated with water	m3	2.56		-
6.1.24	Blinding concrete C15/20, thickness 5 cm	m3	0.43		-
6.1.25	Reinforced concrete C25/30 for base slab and cover slab	m3	2.27		-
6.1.26	Brick masonry for walls mortar jointing	m3	8.54		-
6.1.27	Three layers of Plaster on internal and external sides of the wall with a rough mortar class B with hard finish	m2	42.68		-
6.1.28	Supply and installation of PVC leak drain pipe DN50 PN16	m	0.50		-
6.1.29	Supply and fix of a solid galvanised steel ladder embedded in the wall for access into the chamber  Supply and installation of fittings supports, including all accruals.	Item Lps	1.00 1.00		-
6.1.31	Supply and installation of a metalic simple door with specifications indicated on the drawings	Item	1.00		-
6.1.32	Total 2:	LS	1.00		-
0.1.32	Supply and installation of DI flanged hydraulic equipment and Fittings for connection of 25m³ reservoir  Civil works washout:	LS	1.00		-
6.1.33	Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all	m3	5.67		_
0.1.55	acruals		3.07		
6.1.34	Hardcore (stones pitching) of 30 cm thick with a filling of 1:10 cement sand mortar mix saturated with water	m3	0.66		-
6.1.35	Blinding concrete C15/20 thickness 5 cm	m3	0.17		-
6.1.36	Reinforced concrete C25/30 for base slab	m3	0.35		-
6.1.37	Masonry walls in burnt bricks with fair face pointed at the joints with cement mortar Class D.  Total 3:	m3	0.13		-
	Compound drainage system:				_
6.1.38	Manholes and drainage pipes:	2	23.98		
6.1.39	Excavation and evacuation of all excavated materials  Blinding concrete C15/20, thickness 5 cm	m3 m3	1.36		-
6.1.40	Hardcore (stones pitching) of 20 cm as per drawing	m3	2.01		-
6.1.41	Elevation walls in stone masonry with cement mortar class C Copping concrete C15/20, thickness 5 cm	m3 m3	7.66 1.34		-
6.1.43	Screading on the bottom and sides of the channel.	m3	27.19		-
6.1.44	PVC DN 110 PN10 drainage pipe as per drawings.	m	1.50		-
	Sub-total 1: Soakpit:				-
6.1.45	Clear site of grass, bushes, shrubs and hedges grub up roots and remove from site all excavated materials	m2	3.14		-
6.1.46	Stripping of top vegetative soil 200 mm deep and remove from site all excavated materials.	m3	0.63		-
6.1.47	Excavation of soak pit and evacuation of all excavated materials	m3	33.94		-
6.1.48	Protection of soak pit walls with stone masonry	m3	1.70		-
6.1.49	Concrete cover: 100mm reinforced concrete C20/25 with rebars of 10mm dia spaced at 200 mm  Supply and installation of vent pipe PVC DN110 PN10	m3 m	0.25 1.50		-
6.1.51	Masonry in burnt bricks to support the vent pipe	m3	0.05		-
	Sub-total 2:				-
	Total 4:  Landscaping:				-
6.1.52	Supply and placement of white gravel to a minimum thickness of 5 cm	m2	55.00		-
6.1.53	Supply and planting of passparum grass	m2	290.00		-
	Total 5:				-
	SUBTOTAL 4.2.1: SUBTOTAL OF 2 Res, 25m <sup>3</sup>		2.00		-
			2.00		
6.2	CONSTRUCTION OF REINFORCED CONCRETE RESERVOIR OF 100 m3		100 000		
6.2.1	Site excavation  Riprap for dry stones, thickness 30 cm	m3 m3	120.28398 27.15786		-
6.2.3	Blinding concrete, thickness 5 cm dosage 150 kg/m3	m3	3.17925		-
6.2.4	Reinforce concrete rafter, dosage 350 kg/m3	m3	15.5875095		-
6.2.5	Reinforced concrete elevation. Mixing ratio350 kg / m3 reinforced concrete Column and beam	m3 m3	17.41287 0.78		-
6.2.7	Reinforced concrete Cover slab. dosage 350 kg/m3	m3	8.9124975		-
6.2.8	Internal roughcasting with a cement mortar mixed at 400kg / m3 and sikalatex in three successive layers of	m2	186.045		-
6.2.9	thickness of 2cm each Smooth pointing of external masonry with a cement mortar mixed at 400kg/m3	m2	66.725		-
6.2.10	Supply and installation of a steel manhole cover 80x80 cm of 3mm thick with aeration	pce	2		-
6.2.11	Supply and Installation of Almnium ladder (Inox ladder) for access	pce	1		-
	Protection of the cover slab with roofing and gravel	Ls	1	ı	

6.2.13 Valve Chamber #2x7x12 int# 6.2.14 Site excavation 6.2.15 Riprap for dry stones, thickness 0.2 cm 6.2.16 Blinding concrete thickness 5 cm dosage 150 kg/m3 6.2.17 Reinforce concrete artfer, dosage 250 kg/m3 6.2.18 Stone masonry for elevation 6.2.18 Stone masonry for elevation 6.2.19 Reinforce doncrete Cover slab, dosage 350 kg/m3 6.2.19 Reinforce doncrete Cover slab, dosage 350 kg/m3 6.2.10 Application of a finishing layer inside the structure 6.2.10 Application of a finishing layer inside the structure 6.2.11 Pointing of exterior masonry 6.2.22 Supply and installation of a steel manhole cover 60x60cm of 3mm thick 6.2.23 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber 6.2.24 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber 6.2.25 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber 6.2.26 Supply and installation of Planged hydraulic equipment & Fittings and DI pipes for connection of chamber 6.2.25 Supply and installation of Planged hydraulic equipment & Fittings and DI pipes for connection of chamber 7 Supply and installation of Planged hydraulic equipment & Fittings and DI pipes for connection of chamber 8 Supply and installation of Planged hydraulic equipment & Fittings and DI pipes for connection of chamber 8 Supply and installation of Planged hydraulic equipment & Fittings and DI pipes for connection of chamber 8 Supply and installation of a see instance of Supply and pine for connection of chamber 9 Supply and pine for several pine for connection of chamber 9 Supply and pine for several pine for connection of chamber 9 Supply and pine connected class C, thickness of cm 9 Supply and pine connected class C, thickness of cm 9 Supply and pine connected class C, thickness of cm 9 Supply and pine connected class C, thickness of cm 9 Supply and pine connected class C, thickness of cm 9 Supply and pine for pine for connected in minimum thickness	
E.2.15   Riprap for dry stones. thickness 0.2 cm	
6.2.16   Blinding concrete, thickness 5 cm dosage 150 kg/m3   m3 0.392	
6.2.17   Reinforce concrete rafter, dosage 350 kg/m3   m3   0.676	
6.2.18   Stone masonry for elevation   m3   3.744	
6.2.19 Reinforced concrete Cover slab. dosage 350 kg/m3 6.2.20 Application of a finishing layer inside the structure 6.2.21 Pointing of exterior masonry	
6.2.20 Application of a finishing layer inside the structure 6.2.21 Pointing of exterior masonry 6.2.22 Supply and installation of a steel manhole cover 60x60cm of 3mm thick 6.2.23 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber according to the client instruction  REJECTION WORK  6.2.24 Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals 6.2.25 Hardcore (Stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water 6.2.26 Blind concrete class C, thickness 5 cm  m3 0.048 6.2.27 Reinforced concrete class A, for base slab  m3 0.1008 6.2.28 stone Masonry walls 6.2.29 Coating of walls with plaster of 300 kg/m³ cement mixture  6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)  Landscaping: 6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm  Sub TOTAL OF 2 R100m³  Sub total Divison 6	
6.2.21 Pointing of exterior masonry 6.2.22 Supply and installation of a steel manhole cover 60x60cm of 3mm thick 6.2.23 Supply and installation of a steel manhole cover 60x60cm of 3mm thick 6.2.23 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber according to the client instruction  REJECTION WORK 6.2.24 Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals 6.2.25 Hardcore (Stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water 6.2.26 Blind concrete class C, thickness 5 cm 6.2.27 Reinforced concrete class A, for base slab 6.2.28 stone Masonry walls 6.2.29 Coating of walls with plaster of 300 kg/m³ cement mixture 6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching) Landscaping: 6.2.31 Supply and planement of white gravel to a minimum thickness of 5 cm 6.2.32 Supply and planting of passparum grass 6.33 Supply and planting of passparum grass 7.50 Sub total Divisor 6	
6.2.22 Supply and installation of a steel manhole cover 60x60cm of 3mm thick 6.2.23 Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber according to the client instruction  REJECTION WORK 6.2.24 Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals 6.2.25 Hardcore (Stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water m3 0.192 6.2.26 Blind concrete class C, thickness 5 cm m3 0.048 6.2.27 Reinforced concrete class A, for base slab m3 0.1008 6.2.28 Stone Masonry walls m3 0.504 6.2.29 Coating of walls with plaster of 300 kg/m³ cement mixture m2 1.68 6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching) Landscaping: 6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm m2 110.2 6.2.32 Supply and planting of passparum grass m2 450.3  SUBTOTAL A2.2: SUBTOTAL OF 2 R100m³ 2.00  Sub total Divison 6	
Supply and installation of Flanged hydraulic equipment & Fittings and DI pipes for connection of chamber according to the client instruction  REJECTION WORK  6.2.24 Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals  6.2.25 Hardoore (Stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water m3 0.192  6.2.26 Blind concrete class C, thickness 5 cm m3 0.048  6.2.27 Reinforced concrete class A, for base slab m3 0.1008  6.2.28 stone Massonry walls  6.2.29 Coating of walls with plaster of 300 kg/m³ cement mixture m2 1.68  6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)  Landscaping:  6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm m2 110.2  Supply and planting of passparum grass m2 450.3  SUBTOTAL OF 2 R100m³ 2.00  Sub total Divison 6	
0.2.23   according to the client instruction   Sum   1	
REJECTION WORK	
6.2.24 Terracing, digging, cutting, excavation, backfilling, overlay of surplus soil and land remediation, including all acruals 6.2.25 Hardcore (Stones pitching) of 20 cm with a filling of 1:10 cement sand mortar mix, saturated with water m3 0.192 6.2.26 Blind concrete class C, thickness 5 cm m3 0.048 6.2.27 Reinforced concrete class A, for base slab m3 0.1008 6.2.28 stone Masonry walls m3 0.504 6.2.29 Coating of walls with plaster of 300 kg/m³ cement mixture m2 1.68 6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching) 6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm m2 110.2 6.2.32 Supply and planting of passparum grass m2 450.3  SUBTOTAL 4.2.2: SUBTOTAL OF 2 R100m³ 2.00 Sub total Divisor 6	
0.2.24   acruals   m3   2.376	
Author	
6.2.26       Blind concrete class C, thickness 5 cm       m3       0.048         6.2.27       Reinforced concrete class A, for base slab       m3       0.1008         6.2.28       Stone Masonry walls       m3       0.504         6.2.29       Coating of walls with plaster of 300 kg/m³ cement mixture       m2       1.68         6.2.30       Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)       LS       1         Landscaping:       m2       110.2         6.2.31       Supply and placement of white gravel to a minimum thickness of 5 cm       m2       110.2         6.2.32       Supply and planting of passparum grass       m2       450.3         SUBTOTAL 4.2.2:         SUBTOTAL OF 2 R100m³       2.00         Sub total Divison 6	
6.2.27       Reinforced concrete class A, for base slab       m3       0.1008         6.2.28       stone Masonry walls       m3       0.504         6.2.29       Coating of walks with plaster of 300 kg/m³ cement mixture       m2       1.68         6.2.30       Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)       LS       1         Landscaping:       LS       1         6.2.31       Supply and placement of white gravel to a minimum thickness of 5 cm       m2       110.2         6.2.32       Supply and planting of passparum grass       m2       450.3         SUBTOTAL 4.2.2:       SUBTOTAL 5.2 R 100m³       2.00         Sub total Divison 6       Sub total Divison 6	
6.2.28       stone Masonry walls       m3       0.504         6.2.29       Coating of walls with plaster of 300 kg/m³ cement mixture       m2       1.68         6.2.30       Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)       LS       1         Landscaping:       m2       110.2         6.2.31       Supply and placement of white gravel to a minimum thickness of 5 cm       m2       110.2         6.2.32       Supply and planting of passparum grass       m2       450.3         SUBTOTAL 4.2.2:         SUBTOTAL OF 2 R100m³       2.00         Sub total Divison 6	-
6.2.29       Coating of walls with plaster of 300 kg/m³ cement mixture       m2       1.68         6.2.30       Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)       LS       1         Landscaping:       m2       110.2         6.2.31       Supply and placement of white gravel to a minimum thickness of 5 cm       m2       110.2         6.2.32       Supply and planting of passparum grass       m2       450.3         SUBTOTAL 4.2.2:         SUBTOTAL OF 2 R100m³       2.00         Sub total Divison 6	-
6.2.30 Soakaway pit 1 m³, full of gravel and hardcore (stones pitching)  Landscaping: 6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm  m2 110.2 6.2.32 Supply and planting of passparum grass  m2 450.3  SUBTOTAL 4.2.2:  SUBTOTAL OF 2 R100m³  Sub total Divison 6	-
Landscaping:	-
Landscaping:	-
6.2.31 Supply and placement of white gravel to a minimum thickness of 5 cm m2 110.2 6.2.32 Supply and planting of passparum grass m2 450.3  SUBTOTAL 4.2.2: SUBTOTAL 0.2 R100m <sup>3</sup> 2.00  Sub total Divison 6	-
6.2.32 Supply and planting of passparum grass m2 450.3  SUBTOTAL 4.2.2: SUBTOTAL 0.5 2 R100m <sup>3</sup> 2.00  Sub total Divison 6	-
SUBTOTAL 4.2.2:	-
SUBTOTAL OF 2 R100m <sup>3</sup>   2.00	-
SUBTOTAL OF 2 R100m <sup>3</sup>   2.00	-
Sub total Divison 6	-
	-
7 Water solet with two	
7 Western point with some	
	Ì
7.1 Construction of Water point with double taps for community	
7.1.1 Earthworks cut, fill and evacuation or overlay of the surplus soils, including all accruals m3 22.51	-
7.1.2 Hardcore (stones pitching) of 30 cm with a filling of 1:10 cement sand mortar mix, saturated with water m3 2.18	-
7.1.3 Blind concrete class C, thickness 5 cm m3 0.38	_
	-
7.1.5 Reinforced concrete for roof slab _class A m3 0.07	-
7.1.6 walls in stones masonry jointed with a mortar of class D m3 0.98	-
7.1.7 Coating of walls with plaster of 300 kg/m <sup>3</sup> m2 13.92	-
7.1.8 Plaster on the upper side of roof slab with a rough mortar class B m2 0.11	_
7.1.9 Supply and fix the damp proof course between the roof slab and the wall m2 0.59	
11.2	1
7.1.10 Supply and fix of the metallic cover of 50X50X0.3 cm item 1.00	-
7.1.11 Supply and installation of all hydraulic equipment and Fittings including volumetrie water meter with at least  LS 1.00	-
nominal flow rate of 1.5m3/h and max admissible pressure of 16 bar	
7.1.12 Soakaway pit 1 m <sup>3</sup> , full of gravel and hardcore (stones pitching)  LS 1.00	
Sub total 7.1:	-
Total for 19 Water taps 19.00	-
	-
SUBTOTAL Division 7 of WATER POINTS:	-
	-
SUBTOTAL Division 7 of WATER POINTS:  8 PUMPING STATION	-
8 PUMPING STATION	-
	-
8 PUMPING STATION  8.1 SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	-
8 PUMPING STATION  8.1 SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS  SUPPLY AND INSTALL of submissible pump and solar panel	-
8 PUMPING STATION  8.I SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS  SUPPLY AND INSTALL of submissble pump and solar panel  8.1.1.1 Submersible pump complete with 15kW,3Phases motor (H=104m and Q=176m3/day)  No. 1	-
8 PUMPING STATION  8.1 SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS  SUPPLY AND INSTALL of submissble pump and solar panel  8.1.1.1 Submersible pump complete with 15kW, 3Phases motor (H=104m and Q=176m3/day)  No. 1  8.1.1.2 Supply and Install 19.2kWp Photo Voltaic Array  LS 1	
SPUMPING STATION	
SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS   SUPPLY AND INSTALL of submissble pump and solar panel   S.1.1.1   Submersible pump complete with 15kW ,3Phases motor (H=104m and Q=176m3/day)   No. 1   S.1.1.2   Supply and Install 19.2kWp Photo Voltaic Array   LS 1   S.1.1.3   Floating Switch   No. 1   S.1.1.4   Pressure Switch   No. 1   S.1.1.5   Pressure Switch   No. 1   S.1.1.6   Pressure Switch   No. 1   S.1.1.6   Pressure Switch   No. 1   S.1.1.7   Switch   No. 1   S.1.1.8   Switch   Sw	
SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	
SPUMPING STATION	
S   PUMPING STATION	
SPUMPING STATION	
SPUPING STATION   SUPPLY AND INSTALL of submissible pump and solar panel   Supply and Install 19.2kWp Photo Voltaic Array   Supply an	
SPUMPING STATION	
S   PUMPING STATION	
SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	
SPUMPING STATION	
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SUPPLY ND INSTALL of submissible pump and solar panel	
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SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	
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SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	
SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	
SPUMPING STATION	
SELECTED AND APPROVED SUBMERSIBLE SOLAR PUMP AND ASSOCIATED WORKS	

8.2.8 Return fill and ram selected exeavated material around foundations.  8.2.9 Disposal of Excavated Materials  8.2.10 Load and cart away surplus excavated material from site.  8.2.11 Keeping Site Free from Water  8.2.12 Allow for keeping the whole of the excavation free from general water  Planking and Strutting  8.2.13 Allow for natinatining and upholding sides of excavation: clear off all fallen material, rubbish  1.S 1  8.2.14 Insitu concrete : mix 1:4:8 (40mm aggregate)  8.2.15 50mm Blinding : under footings  8.2.16 50mm Blinding : Ground Slab  Insitu concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork  8.2.17 Column bases  m3 243  1.S 1  2.43 Insitu concrete : mix 1:4:8 (40mm aggregate)  8.2.17 Column bases  m3 1  1.S 1  1.S 1  1.S 1  1.S 1  1.S 1  1.S 1  2.D 1  3.D	-
8.2.10 Load and cart away surplus excavated material from site.  8.2.11 Keeping Site Free from Water  8.2.12 Allow for keeping the whole of the excavation free from general water  Planking and Strutting  8.2.13 Allow for maintaining and upholding sides of excavation: clear off all fallen material, rubbish  8.2.14 Insitu concrete: mix 1-4:8 (40mm aggregate)  8.2.15 50mm Blinding: under footings  8.2.16 50mm Blinding: Ground Slab  Insitu concrete: class 25/20mm aggregate: vibrated: reinforced including all reinforcement and necessary formwork  8.2.17 Column bases  m3  1	-
8.2.11 Keeping Site Free from Water  8.2.12 Allow for keeping the whole of the excavation free from general water  1.5 1  Planking and Strutting  8.2.13 Allow for maintaining and upholding sides of excavation: clear off all fallen material, rubbish  8.2.14 Insitu concrete: mix 1:4:8 (40mm aggregate)  8.2.15 50mm Blinding: under footings  8.2.16 50mm Blinding: Ground Slab  1.7 1 2 32 1 32 1 32 1 33 1 33 1 34 1 35 1 35 1 35 1 35 1 35	-
8.2.12 Allow for keeping the whole of the excavation free from general water  Planking and Strutting  8.2.13 Allow for maintaining and upholding sides of excavation: clear off all fallen material, rubbish  8.2.14 Insitu concrete: mix 1.4:8 (40mm aggregate)  8.2.15 50mm Blinding: under footings  8.2.16 50mm Blinding: Ground Slab  Insitu concrete: class 25/20mm aggregate: vibrated: reinforced including all reinforcement and necessary formwork  8.2.17 Column bases  m3 1	
Planking and Strutting	
8.2.13 Allow for maintaining and upholding sides of excavation: clear off all fallen material, rubbish  8.2.14 Insitu concrete : mix 14:8 (40mm aggregate)  8.2.15 50mm Blinding : under footings  8.2.16 50mm Blinding : Ground Slab  Insitu concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork  8.2.17 Column bases  m3 1	-
8.2.14 Insitu concrete : mix 1:4:8 (40mm aggregate)  8.2.15 50mm Blinding : under footings  8.2.16 50mm Blinding : Ground Slab  Insitu concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork  8.2.17 Column bases  m3 1	
8.2.15 50mm Blinding : under footings m2 9 8.2.16 50mm Blinding : Ground Slab m2 32 Insite concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork 8.2.17 Column bases m3 1	
8.2.16 50mm Blinding : Ground Slab m2 32  Insitu concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork  8.2.17 Column bases m3 1	
Insitu concrete : class 25/20mm aggregate: vibrated : reinforced including all reinforcement and necessary formwork  8.2.17 Column bases m3 1	
formwork         Image: Column bases         m3         1	
8.2.17 Column bases m3 1	
	_
8.2.18 Sub-Columns m3 0	
8.2.20 Basement Wall base m3 3	-
8.2.21 Basement Wall m3 22	-
Hardore and Fillings	
8.2.22 I50mm Thick Bed of handpacked stone base, well rolled and compacted m2 32	-
8.2.23 50mm thick sand blinding over surfaces of hardcore m2 32	-
Damp proof membrane	
8.2.24 1000 Gauge polythene damp proof membrane : measured net : allow for laps n2 32	-
Floor Finish	
8.2.25 Smooth cement screed for slab surface, Sprash aproan and skirting m2 45	-
8.2.26 [Damp Proof Course  Damp Proof Course of Dissuring to East to D.S. 743. Time A with 150 mm large including compact and cond (1.3).	
8.2.27 Damp Proof Course of Bituminous Felt to B.S 743 Type A with 150mm laps including cement and sand (1:3) levelling bed200mm Wide label 150mm laps including cement and sand (1:3)	-
revening odd/ordinin wide	
200mm walls Rurnt briks laid in Rat Tran Rond Walling; hedded and jointed in cement and sand (1-4) mortar and	
8.2.28 200min wais built of its and in teat flap boilt waiting, seated and joined in client and said (1.47) motal and m2 57 pointing	
8.2.29 100mm walls Burnt briks laid in Rat Trap Bond Walling: bedded and jointed in cement and sand (1:4) mortar and m2 5	
pointing	
Wall Finishes Wall Finishes	-
8.2.30 Apply plaster on internal walls, lintels and columns m2 160	-
8.2.31 Prepare and apply three coats first grade "sadolin" silk emulsion paint: on plastered walls m2 131	
8.2.32 Prepare and apply three coats first grade "Weather guard" paint: to columns and lintels m2 29	-
Openings	
Steel doors	
Vision panelled mild steel plate door overall inleuding fixed glass transom part and paintings	
8.2.33 size 2000x2400mm Pes 1  8.2.34 size 900x2400mm Pes 1	-
8.2.34 size 900x2400mm Pes 1  Plywood doors	
Flythod doors	
1	
Vision panelled mild steel plate window overall inleuding fixed glass transom part and paintings	
8.2.36 size 1500x1800mm Pes 1	-
8.2.37 size 1200x600mm Pes 1	-
8.2.38 size 600x400mm Pes 1	-
Ceiling Finish	
	-
8.2.39 Gypsumboard drop ceiling: soffit 1. 40 x 40 mm steel angle section; 40 x 40 mm wood framing and 2.5 mm dia m2  48	
6.2.39 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)	
8.2.39 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering	
8.2.39 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite	
8.2.49 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary  m2 56	-
Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members	-
8.2.49 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray	-
8.2.49 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type 114 or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Pes 1	-
8.2.40 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray 8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 "and white PVC support  Rain Water Harvesting	-
8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  8.2.421 Supmn diameter half round eaves gutter: including all fixing accessories  8.2.421 Somm diameter half round eaves gutter: including all fixing accessories  8.2.421 Somm diameter half round eaves gutter: including all fixing accessories  8.2.43 Somm diameter half round eaves gutter: including all fixing accessories  8.2.44 Somm diameter half round eaves gutter: including all fixing accessories  8.2.45 Somm diameter half round eaves gutter: including all fixing accessories	-
Section   Sect	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type 14 or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray 8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting 8.2.42 Isomm diameter halfround eaves gutter: including all fixing accessories 8.2.43 Illumm diameter rainwater downpipe to M&E specifications 8.2.44 Allow for testing roofing system and rain water installation  Im 3  8.2.44 Allow for testing roofing system and rain water installation	-
Section   Sect	-
Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting 8.2.42 Isomm diameter half round eaves gutter: including all fixing accessories 8.2.43 Homm diameter rainwater downpipe to M&E specifications 8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1	-
Section   Shower Tray   Section   Shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support   Section   Se	-
8.2.49 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting  8.2.42 I50mm diameter half round caves gutter: including all fixing accessories  Im 9  8.2.43 110mm diameter rainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1  SUBTOTAL 8.2:	-
Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting 8.2.42 Isomm diameter half round eaves gutter: including all fixing accessories 8.2.43 Homm diameter rainwater downpipe to M&E specifications 8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite With EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray 8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support Pes 1 Sani Water Harvesting 8.2.42 150mm diameter half round eaves gutter: including all fixing accessories  8.2.43 110mm diameter rainwater downpipe to M&E specifications 1 Im 9 8.2.43 110mm diameter rainwater downpipe to M&E specifications 1 Im 3 8.2.44 Allow for testing roofing system and rain water installation 1 Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  SUBTOTAL 8.2:	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite With EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray 8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support Pes 8.2.42 150mm diameter half round eaves gutter: including all fixing accessories  8.2.43 110mm diameter rainwater downpipe to M&E specifications Rain Water Hardresting Scale Allow for testing roofing system and rain water installation Office Installations 8.2.45 Allow provisional amount for office installation as per End-user requirements  SUBTOTAL 8.2:  8.3 Ventilated pit latrine for the Sentinel  8.4 Site clearance and removal of top vegetable soil  m3 8.5 Site clearance and removal of top vegetable soil	-
8.2.49 galvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Pes 1  Rain Water Harvesting  8.2.42 I Somm diameter half round caves gutter: including all fixing accessories  Im 9  8.2.43 I 10mm diameter rainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  SUBTOTAL 8.2:  SUBTOTAL 8.2:  8.3.1 Ventilated pit latrine for the Sentinel  8.3.2 Terracing of the site  m3 8.5.3  8.3.2 Terracing of the site	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2erest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting  8.2.42 I 50mm diameter half round caves gutter: including all fixing accessories  Im 9  8.2.43 I 10mm diameter rainwater downpipe to M&E specifications  Rain Water rainwater downpipe to M&E specifications  Rain Water rainwater of the string roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  SUBTOTAL 8.2:  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  8.3.3 Digging of the pit  m3  2.5.08	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite S.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting  8.2.42 I Somm diameter half round eaves gutter: including all fixing accessories  Im 9  8.2.43 I Iomm diameter rainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1  SUBTOTAL 8.2:  8.3 Ventilated pit latrine for the Sentinel  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  8.3.3 Digging of the pit  m3 19.89  8.3.4 Excavation for foundation; h = 0,7m	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2erest lap fixed with Fixitie Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2erest lap fixed with Fixitie R.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Rain Water Harvesting  8.2.42 150mm diameter half round eaves gutter: including all fixing accessories  8.2.43 110mm diameter rainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1  SUBTOTAL 8.2:  8.3 Ventilated pit latrine for the Sentinel  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  m3 19.89  8.3.3 Digging of the pit  m3 25.08  8.3.4 Excavation for foundation; h = 0,7m  m3 1.1.2  8.3.5 Blind concrete	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite R.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray Rain Water Harvesting R.2.42 ISomm diameter half round eaves gutter: including all fixing accessories R.2.43 Isomm diameter rainwater downpipe to M&E specifications R.2.44 Allow for testing roofing system and rain water installation  Office Installations R.2.45 Allow provisional amount for office installation as per End-user requirements  SUBTOTAL 8.2:  SUBTOTAL 8.2:  SUBTOTAL 8.2:  SUBTOTAL 8.3.1 Site clearance and removal of top vegetable soil  S.3.3 Digging of the pit  S.3.4 Excavation for foundation; h = 0,7m  S.3.5 Blind concrete  S.3.5 Foundation in stone masonry  m.2  48  56  56  56  56  57  58  58  58  58  58  58  58  58  58	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2erest lap fixed with Fixtite Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2erest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support  Pain Water Harvesting  8.2.42 I 50mm diameter half round eaves gutter: including all fixing accessories  Im 9  8.2.43 I 10mm diameter rainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 11  SUBTOTAL 8.2:  8.3 Ventilated pit latrine for the Sentinel  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  8.3.3 Digging of the pit  m3 25.08  8.3.4 Excavation for foundation; h = 0,7m  m3 1.1.2  8.3.5 Blind concrete	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixitie  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.42 I Somm diameter half round eaves gutter: including all fixing accessories  8.2.43 I Somm diameter rainward colompipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  SUBTOTAL 8.2:  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  8.3.3 Digging of the pit  m3  8.3.4 Excavation for foundation; h = 0,7m  m3  1.12  8.3.5 Blind concrete  m3  0.08  8.3.6 Foundation in stone masonry	-
Rof covering  Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.42 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2* and white PVC support  Rain Water Harvesting  8.2.42 [150mm diameter half round eaves gutter: including all fixing accessories  8.2.43 [Allow for testing roofing system and rain water installation  Office Installations  8.2.45 [Allow provisional amount for office installation as per End-user requirements  BUBTOTAL 8.2:  8.3.1 [Site clearance and removal of top vegetable soil  8.3.2 [Terracing of the site  8.3.3 [Digging of the pit  8.3.4 [Excavation for fondation; h = 0,7m  8.3.5 [Billid concrete  8.3.6 [Foundation in stone masonry  8.3.7 [Slabs in reinforced concrete  8.3.8 [Slabs in reinforced concrete  8.3.7 [Slabs in reinforced concrete  8.3.7 [Slabs in reinforced concrete  8.3.8 [Slabs in reinforced concrete  8.3.8 [Slabs in reinforced concrete  8.3.9 [Slabs in reinforced concrete  8.3.9 [Slabs in reinforced concrete  8.3.1 [Slabs in reinforced concrete  8.3.1 [Slabs in reinforced concrete  8.3.2 [Slabs in reinforced concrete  8.3.3 [Slabs in reinforced concrete  8.3.4 [Slabs in reinforced concrete  8.3.5 [Slabs in reinforced concrete  8.3.6 [Slabs in reinforced concrete  8.3.7 [Slabs in reinforced concrete  8.3.8 [Slabs in reinforced concrete in concept with the Auxtour part and with trusses and necessary and necessary and cessary and recessary	-
Roof covering Installation of 28G prepainted roof covering 0.4mm thick type lt4 or Maxcover with 2crest lap fixed with Fixtite  8.2.40 with EDPM washer on 40x40x2mm RH5 purlins spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RH5 top chord; bottom chord and all internal members    Shower Tray	-
According   Radianised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)   Rod covering	-
Section   Sect	
Substitution   Subs	
Rof covering	
Rof covering Installation of 28G prepainted roof covering 0.4mm thick type lef or Maxcover with 2crest lap fixed with Fixtite 8.240 with EDPM washer on 40x40x3mm RHS purlins spaced at every Im including all trusses and necessary accessories Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90cm complete with flexible tap 1/2 " and white PVC support Pes 1  Rain Water Harvesting 8.2.42 I Somm diameter half round eaves gutter: including all fixing accessories 8.2.43 I Ilom mid mainer trainwater drownpie to M&E specifications In m 9  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  8.2.45 Allow provisional amount for office installation as per End-user requirements  PS 1  SUBTOTAL 8.2:  SUBTOTAL 8.2:  SUBTOTAL 8.3.1 Site clearance and removal of top vegetable soil  m3 8.3.3 Ventilated pit latrine for the Sentinel  8.3.3 Ventilated pit latrine for the Sentinel  m3 19.89  8.3.3 Digging of the pit 8.3.4 Evacuation for foundation; h = 0,7m m3 25.08  8.3.5 Blind concrete m3 10.08  8.3.6 Foundation in stone masonry m3 1.44  8.3.7 Slabs in reinforced concrete m3 10.08  8.3.8 Valing in burnt brickwork m3 10.41  8.3.1 Wooden struts and purlins m3 0.41  8.3.2 Slabig in burnt brickwork m3 10.40  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.10  8.3.3 Wooden frieze board m3 1.44  8.3.3 Slabig in burnt brickwork m3 10.41  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.44  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.44  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.44  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.44  8.3.3 Ventilated pit latrine for core of embosed sheet iron m3 1.44  8.3.4 Ventilated pit latrine for the Sentilation of the reliance of embosed sheet iron m3 1.44  8.3.5 Ventilated pit latrine for the Sentilation of embosed sheet iron m3 1.44  8.3.6 Ventilated pit latrine	
solvanised wire; 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)  Roof covering  Installation of 28G prepainted roof covering 0.4mm thick type lef or Maxcover with 2crest lap fixed with Fixtite 8.2.40 with EDPM washer on 40x40x2mm RHS purlins spaced at every lm including all trusses and necessary accossies Note that truss system will be 40 x 40 x 2mm RHS top chord; bottom chord and all internal members  Shower Tray  8.2.41 Supply and fix metallic shower trays 90x90m complete with flexible tap 1/2" and white PVC support  Rain Water Harvesting  8.2.42 I Somm diameter half round caves gutter: including all fixing accessories  8.2.43 I Somm diameter nainwater downpipe to M&E specifications  8.2.44 Allow for testing roofing system and rain water installation  Office Installations  SUBTOTAL 8.2:  SUBTOTAL 8.2:  SUBTOTAL 8.3.  Ventilated pit latrine for the Sentinel  8.3.1 Site clearance and removal of top vegetable soil  8.3.2 Terracing of the site  8.3.3 Digging of the pit  8.3.3 Digging of the pit  8.3.4 Excavation for foundation; h = 0,7m  8.3.5 Blind concrete  8.3.6 Foundation in stone massorry  8.3.7 Slabs in reinforced concrete  8.3.8 Walling in burnt brickwork  8.3.9 Used in reinforced concrete  8.3.10 Ventilator in bore hole concrete blocks  8.3.11 Wooden struts and purlins  In 21.30  8.3.21 Supply and fix of cover of embossed sheet iron  8.3.12 Piguod doors: 2 80x2000  8.3.14 Pigwood doors: 2 80x2000  8.3.15 Pictop time for exterior of the site immediation and purlins  In 8.00  8.3.16 Pinithe en cirrent lissée intér, et extérieur	
Rof covering   Rof Rof covering   Rof Rof Covering   Rof Rof Covering   Rof	
Rof Covering Installation of 28G prepainted roof covering 0.4mm thick type 14d or Maxcover with 2erest lap fixed with Fixtite 8.2.4d with EDPM washer on 40x40x2mm RHS purities spaced at every 1m including all trusses and necessary accessories Note that truss system will be 40x 40 x 2mm RHS top chord; between chord and all internal members    Shower Tray	
Roof covering	
Roc   Submised wire 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)   Roc   Submised wire 2. Principal plane gypsumboard; 3. Brush white emulsion (C3)   Roc   Submised with Fixitic   Roc   Submised with Fixitic   Roc   Submised	
Rof covering	

8.3.23	Enamel paint on doors and wooden frieze board	m2	9.56	_
	Elecrification of the latrine (2 sockets, 2 fluorescent lamps and cabling)	LS	1.00	-
0.5.21	Execution of the lattine (2 society 2 moreseen lamps and enoting)		1.00	
	SUBTOTAL 8.3			-
	SUBTOTAL DIVISION 8:			-
9	Water quality testing			
9.1	Physical parameters: Colour, Turbidity, Temperature, pH, Conductivity, Total Hardness (CaCO3), Total Alkalinity			
	(CaCo3), Total Suspended Solids (TSS), Total Dissolved Solids (TDS)			
9.2	Chemical parameters: Calcium (Ca2+), Magnesium (Mg2+), Sodium (Na+), Potassium (K+), Iron (Fe2+),			
	Bicarbonates (HCO3-) Sulfates (SO42-), Chlorides (Cl-), Nitrate (NO3), Nitrites (NO2-) Phosphates (PO4 3-),			
	Ammonium (NH4+), Fluorides (F-)	Number	6.00	-
9.3	- Trace elements: Aluminium (Al), Antimony (Sb), Arsenic (As), Barium (Ba), Beryllium (Be), Boron (B),			
	Cadmium (Cd), Chromium (Cr), Copper (Cu), Cyanide (HCN - CN), Fluoride (F), Iron (Fe), Lead (Pb),			
	Manganese (Mn), Mercury (Hg), Molybdenum (Mo), Nickel (Ni), Selenium (Se), Silver (Ag), Uranium (U), and			
	Zinc (Zn)			
9.4	- Bacteriological elements: Total Coliforms, E. Coli and Faecal Coliform			
	Sub total 9			-
	GRAND TOTAL ALL TAX Exclusive EURO			-