MAASAI MARA
WILDLIFE CONSERVANCIES
For The Greater Mara

REQUEST FOR PROPOSALS (RFPs)

CONSTRUCTION OF A 100M^3 MASONRY WATER TANK AND REHABILITATION OF LIVESTOCK TROUGH FOR THE ISENETO WATER PROJECT SUSWA

Communities in Suswa are facing severe water shortages, worsened by prolonged dry spells that deepen existing scarcity. Many residents must trek long distances to find water—a time-consuming and exhausting effort that also exposes them to waterborne diseases.

The **Iseneto Community Water Project**, a grassroots initiative, aims to provide sustainable water storage and supply by tapping into the main water line. By shortening the distance to water sources, the project will improve quality of life for both people and livestock while supporting climate resilience through sustainable water management.

To bolster this effort, the **Maasai Mara Wildlife Conservancies Association** is funding the construction of a **100m³ masonry water tank** and rehabilitation of livestock water trough. This will ensure reliable water access for over **100 households** in Suswa Ward, benefiting both domestic and livestock needs. Such investments strengthen community resilience against climate change.

The new water tank will be a lifeline, guaranteeing clean water for drinking, sanitation, and livelihoods. Beyond meeting urgent needs, this project builds long-term climate adaptation securing a more sustainable future for Suswa.

We are now **accepting proposals** for the construction and rehabilitation of this vital infrastructure, which will revolutionize water access for the ISeneto community.

PROCUREMENT TIMELINES

The following key dates apply to this procurement process:

- **RFP issue date**: 11 June 2025
- **RFP closing date and time:** 23rd June 2025
- **Estimated contract award date**: 30th June 2025

SUBMISSION REQUIREMENTS

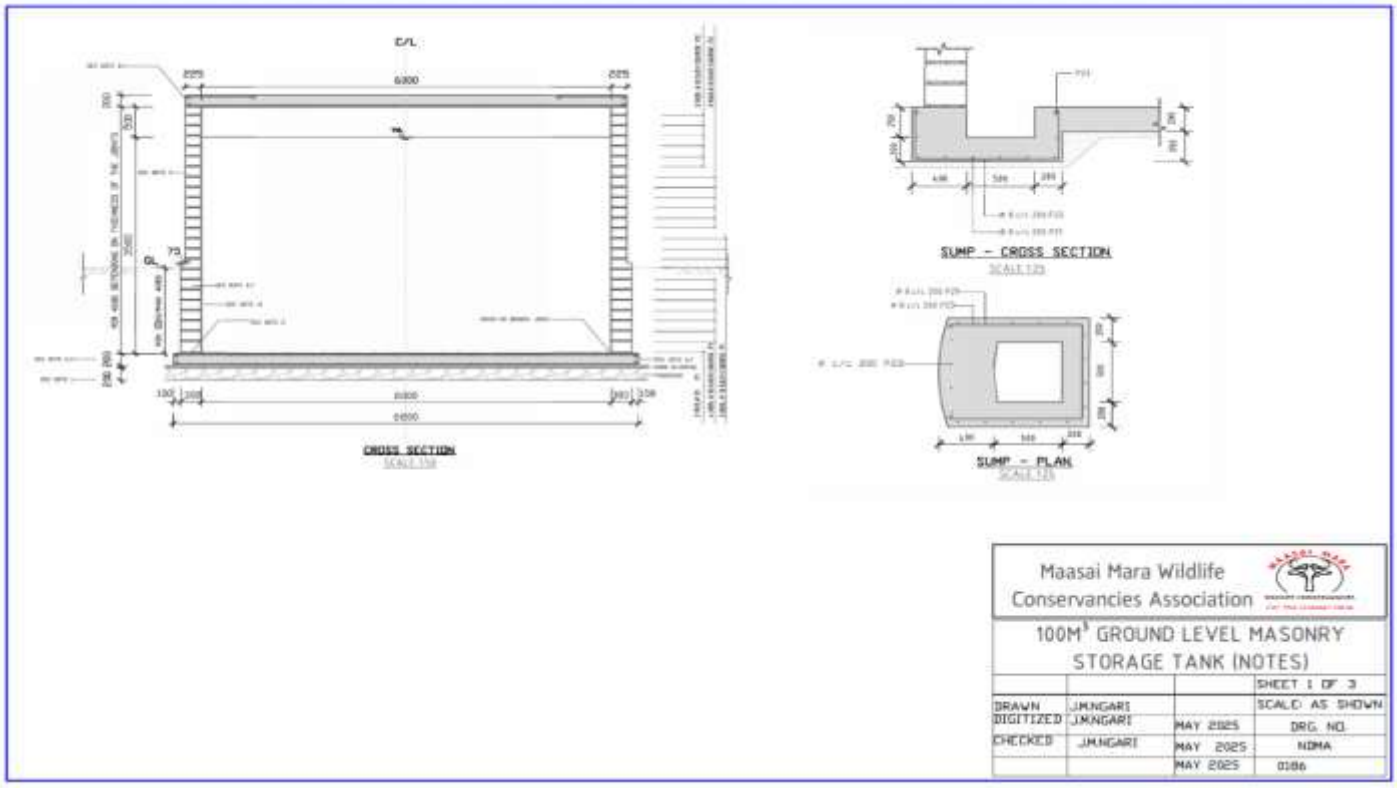
Application should be sent to the following email address procurement@maraconservancies.org or contact@maraconservancies.org with the subject line "*Construction of a 100m³ Masonry Water Tank and Rehabilitation of livestock trough for the ISeneto Water Project Suswa*"

The deadline for submission is **23rd June 2025, 17:00 EAT.** All application received before this deadline will be reviewed.

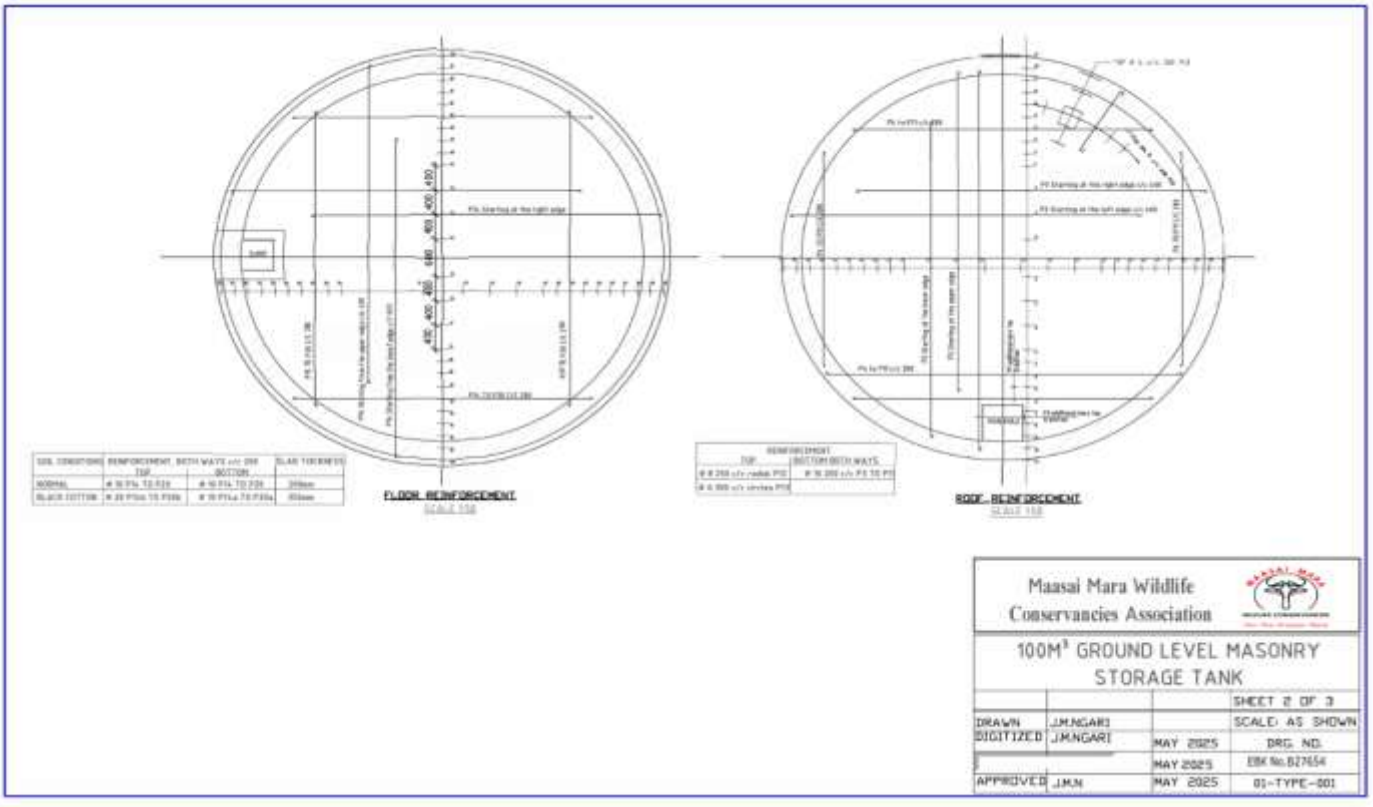
Deliverables:

1. **Construction of a 100m³ masonry water tank**, fully compliant with structural and material specifications.
2. **High-quality finishing**, including waterproofing, plastering, and installation of fittings.
3. **Ancillary works**, such as foundation preparation and necessary accessories.
4. **Repair of cattle troughs** to support livestock water access.

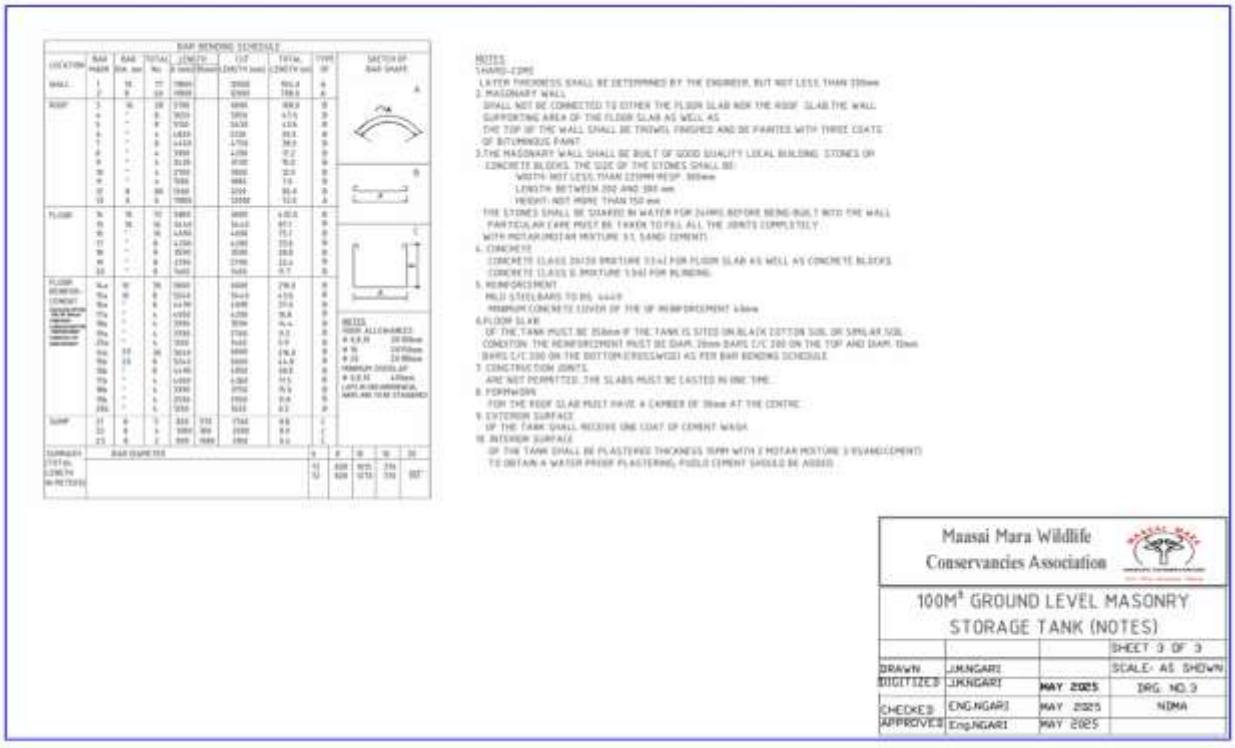
DRAWING AND DESIGNS FOR THE 100M^3 MASONRY TANK:



LAYOUT 1



LAYOUT 2



LAYOUT 3

Bill of quantities for construction of 100metre cubic Masonry tank

BILL OF QUANTITIES FOR 100M3 MASONARY TANK AT SENETO COMMUNITY WATER PROJECT					
BILL NO:1 PRELIMINARY AND GENERAL ITEMS					
ITEM	**ITEM DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT (KSH.)**
1.1	Allow for Mobilization and Demobilization of equipment's and materials	No.	1		
BILL 1 TOTALS CARRIED OVER TO THE SUMMARY PAGE					-
BILL NO 2 CONSTRUCTION OF 1 NO.100 M3 MASONRY TANK					
2.1	**Earthworks and Excavations**				
2.1.1	Clear site of bushes, shrubs, grub the roots and dispose away.	M2	60		
2.1.2	Excavate oversite to reduced levels not exceeding 1.5m deep starting from the existing ground level and remove to temporary spoil heap.	M3	80		

2.1.3	Allow for 1.5m excavation in soft sub-soil (provisional).	M3	100		
2.1.4	Provide and apply anti-termite solution preferably termidor or any other approved anti-termite solution to the general surfaces of excavations.	LTRS	3		
2.1.5	Provide , place and compact hardcore of approved quality 300mm thick to make up levels	M3	25		
2.1.6	Provide and compact 50mm thick selected 1:4:8 mass concrete blinding to the surface of hardcore.	M3	10		
2.1.7	Provide and place 1000gauge polythene sheet to the surfaces of blinded hardcore.	M2	60		
	Sub-Total of excavation & Earthworks				**-**
2.2	**Concrete works and Reinforcement**				
	Reinforced concrete grade 20/20 (1:2:4) as described to the following:				
2.2.1	Cast 150mm thick(1:2:4) floor slab mixed with 1kg water proof/50kg bag of ordinary Portland cement.	M3	12		
2.2.2	Ditto to 250x250mm square columns	M3	1		
2.2.3	Ditto to 250x250mm cross beams to the roof slab.	M3	2		
2.2.4	Ditto to 100mm thick roof slab	M3	10		
2.2.5	Mass concrete (1:2:4) to off take, intake and overflow pipes.	M3	1		
	Provide, handle, cut to size and fix the following reinforcement bars as stated in the bending schedule.				
2.2.6	High tensile D12mm reinforcement bars to the beams	Kg	120		
2.2.7	Ditto to columns	Kg	96		
2.2.8	Ditto to roof slab	Kg	310		
2.2.9	Ditto to floor slab	Kg	418		
2.2.10	6mm bars stirrups to beams and columns	Kg	20		
2.2.11	8mm circumferential bars to the walls	Kg	290		
2.2.12	Provide for binding wires for tying the reinforcements.	Kg	63		
	Sub-Total of concrete works & reinforcement				**-**
2.3	**Walling, Shuttering & Formwork**				
	Provide, handle materials, mix mortar as per specification and construct				
2.3.1	200mm thick blocks reinforced concrete block wall in 1:1:3 cement: water proof cement: sand mortar.	m2	74		

2.3.2	Sawn timber formwork to the sides of foundation slab	m	25		
2.3.3	Sawn timber form work to edges of the roof slab	m	100		
2.3.4	Sawn formwork to the soffit of the 100mm thick roof slab.	m2	60		
2.3.5	Sawn timber 3"x2" to the soffit of roof slab	m	100		
2.3.6	Struts/timber supports of approved size and quality average height 3.0m.	No	150		
2.3.7	Provide and fix 1000 gauge polythene sheeting to top of timber formwork to the roof slab.	m2	60		
2.3.8	Provide, handle and fix bondex between the tank wall and the floor slab as per the drawing.	Kg	20		
	Finishes				-
2.3.9	25mm thick cement: sand(1:3) mixed with water proof cement to the inside walls	m2	62		
2.3.10	Ditto the floor slab	m2	64		
2.3.11	Ditto to the external walls	m2	74		
2.3.12	Ditto to exterior surface of roof slab	m2	62		
2.3.13	Ditto to the interior surface of roof	m2	64		
2.3.14	Provide materials and apply two coats of paint (Blue and White) to the external walls of tank as specified by the engineer	m2	74		
	Sub-total of walling, shuttering & formwork				**-**
2.4	**Ancilliary and pipework**				
2.4.1	Fabricate and fix a vertical ladder comprising 25mm mild steel tubing average height 3.0m	No	2		
2.4.2	Fabricate and fix, 600mmx600mm x3mm thick plate, man hole covers complete with lockable device.	No	3		
2.4.3	Construct and complete in concrete block walling manhole chambers measuring 1.5mx1.5mx 1.2m high.	No	2		
2.4.4	Provide and install air vents to the roof slab of the tank comprising 100mm diameter G.I piece, nipple and 2No G.I elbows.	No	3		

	Provide ,handle ,lay and fix the following pipes and fittings as described to:				
	Out let pipe				
2.4.5	80mm dia. GI pipe class B	M	12		
2.4.6	Ditto 90o bend	No	2		
2.4.7	Ditto nipple	No	1		
2.4.8	80x50 mm G.I Reducing socket	No	1		
2.4.9	80x80x25mm Tee joint	No	1		
2.4.10	80x80x20mm Tee joint	No	1		
2.4.11	80mm diameter sluice valve	No	1		
2.4.12	25mm gate valve (Kent)	No	1		
2.4.13	20mm gate valve (Kent)	No	1		
	Scour, inlet and over flow pipes				
2.4.14	100mm diameter G.I pipe	M	12		
2.4.15	100mm 90o G.I bend	No	2		
2.4.16	100mm diameter sluice valve	No	2		
2.4.17	100mm diameter G.I elbow	No	1		
2.4.18	100mm diameter G.I Union	No	1		
	Sub-Total of Ancilliary and pipework				**-**
	BILL 2 TOTALS CARRIED OVER TO THE SUMMARY PAGE				**-**
BILL NO 3: 50M PIPELINE					
3.1	Clear bushes along the proposed pipeline route	M	50		
3.2	Provide, supply, fix and test 11/2" GI Pipe class B. Rate is inclusive of fittings.	M	20		
3.3	Provide, supply, fix and test 1" GI Pipe class B. Rate is inclusive of fittings.	M	10		
3.4	Provide, supply, fix and test 3/4" GI Pipe class B. Rate is inclusive of fittings.	M	10		
3.5	Provide, supply, fix and test 1/2" GI Pipe class B. Rate is inclusive of fittings.	M	10		
3.6	Provide for common water points with GI pipe stands 0.5m high complete	No.	3		

	with tap and a gate valve as will be directed by the engineer .				
3.7	Provide 1no. Break Pressure Tanks at sites to be directed by the engineer (0.5Mx0.5Mx0.5M)	No.	1		
3.8	Provide for one airvalve and other assorted pipe fittings for the entire pipeline	No.	1		
3.9	supply and install 3l4 inch HDPE pipeline to link Masonary Tank & Communal Water Point	No.	10		
	BILL 3 TOTALS CARRIED OVER TO THE SUMMARY PAGE				**-**
	SUMMARY				
A	**BILL 1 TOTAL PRELIMINARY AND GENERAL ITEMS**				**-**
B	**BILL 2 TOTAL CONSTRUCTION OF 100 M3 MASONRY TANK**				**-**
C	**BILL 3 TOTAL 50M PIPELINE EXTENSION**				**-**
	GRAND TOTAL				**-**
	Add PPRA Capacity Building Levy- 0.03% of the total				**-**
	SUB TOTAL				**-**
	Add 16% VAT				**-**
	Grand Total (To be transferred to form of tender)				**-**

Bill of quantities Repair of livestock trough

Cattle Trough	Unit	Qty	Rate	Amount
Excavate oversite to remove vegetable soil average 150mm deep; wheel and deposit on site n.e. 100M away in permanent spoils heaps	**m2**	**12**		

Provide materials and Repair one livestock watering trough of external measurements 11.55m x 1.5m complete with a ball valve and a 75mm thick reinforced concrete cover connected to the 100mm diameter pipe by a 50mm diameter pipe and stone pitch 1.5 round	**No**	**1**		
Sub-Total				
16% VAT				
Grand Total				

General/Eligibility/Qualifications/Cost of tendering

Eligible bidders should attach valid documentation and be able to meet the following minimum requirements: -

PRELIMINARY EVALUATION

No.	Mandatory Requirement	Documentary Evidence to be provided;
MR1	Must submit a copy of certificate of registration/Incorporation	Registration/Incorporation Certificate
MR2	Must submit a copy of valid tax compliance certificate	A Valid copy of Tax Compliance Certificate
MR3	Must fill form of tender in the format provided and signed by the authorized person	Duly filled form of tender (Signed by the person authorized in the power of Attorney)
MR4	Must submit a copy of valid registration certificate by the National Construction Authority (NCA 6 for Water/Building) complete with a valid practicing certificate.	A valid copy Certificate plus annual practicing license
MR5	Must submit a valid Business Trading License/Permit from Local Government	Business trading license/permit Certificate
MR6	Must submit CR12 showing names of directors/National identification card for Business Name	Valid copy of Certificate of CR12

EVALUATION AND QUALIFICATION CRITERIA			
ITEM	**DESCRIPTION OF CRITERIA**	**20**	**Scores Awarded**
1	**EXPERIENCE** **Attach practical completion certificates/award letters/contracts ONLY for past successfully delivered projects as evidences Value of similar/related Water works handled in Ksh.** **At least 4 similar/related projects of equal or higher value done in the last three years @ 5Mrks**	**Max 20**	
2	**KEY PERSONNEL.** **Technical skill in terms of human resource. Attach CVs (2 page only) and copies of academic certificates detailing qualifications of at least (5) key personnel who shall be involved in this assignment. The persons must be working with the organization or sign an undertaking to work with the firm by the time of submitting this tender throughout the job if awarded. Each of the 5 personnel will be evaluated on the following parameters:**	**Max 30**	
2a.	***Project Manager (Bachelor of Civil, water Engineering OR BSc. Construction Management, all registered with relevant professional bodies)***		
	Technical Qualification – Degree in Civil/water/construction Eng. (2Mks)	**6**	
	Experience in years		
	10 years total, 5 years in similar works (2 Mks)		
	Registration with EBK (2Mks)		
2b.	***Site Agent (Bachelor of Civil/Water/construction Engineering & registered with relevant professional bodies***		
	Technical Qualification – Degree in Civil/Water/Construction Or structural Eng. (2Mks)	**6**	
	Experience in years		
	7 years total, 5 years in similar works (2 Mks)		
	Registration with EBK (2 Mks)		
2c.	***Site Foreman***		
	Technical Qualification – Diploma civil/water/structural engineering (2Mks)	**6**	
	Experience in years		
	6 years total, 5 years in similar works (2 Mks)		
	Registration with relevant professional body NCA (2 Mks)		
2d.	***Mason_ technician***		
	Technical qualification _ Certificate in building works (2 mks)	**6**	
	Experience in years (Min 2 years) (2marks)		
	Registration with relevant professional body NCA (2 Mks)		
2e.	***Plumber_technician***		

	Technical qualification _ Certificate in plumbing works (2mks)		
	Experience in years (Min 2 years) (2mks)	**6**	
	Registration with relevant professional body NCA (2 Mks)		
3	**RELEVANT PLANT AND EQUIPMENT**		
	Equipment and Plant owned/leased by the Company, Provide evidence of ownership for any related equipment	**MAX 10**	
	Marks for each relevant equipment for the proposed works		
	i). Truck 10 ton (1No.)_(2Mks)		
	ii). Pick up -1 tone(2Mks)		
	iii)Porker Vibrator/ Mixer(2Mks)	**10**	
	iv) Mobile generator (2Mks)		
	v). Any other relevant items that can support building works (1No.)_(2Mks)		
4	**WORK METHODOLOGY**	**Max 20**	
	4a). Detail Methodology _ Logically articulated and including issues of work place health & safety, environment and social safeguard.	**10**	
	4b). Attach Clear work plan/ schedule of works for execution of project to reflect that the best proposal with respect to the duration how long MMWCA anticipate the job will take gets the most marks	**10**	
5	**Sound financial standing**	**5**	
	i. Submit audited financial statement for the last *2 years* to demonstrate the current soundness of the bidder's financial position and its prospective long-term profitability (3marks)		
	ii. Stamped bank statement for last 6months (2marks)		
	The total technical score	**85 marks**	
6	**Financial proposal. (15 Marks)**	**15 marks**	
	Detailed financial proposal in Kenya Shillings with itemized expenses and all Taxes (VAT)		
	Sf = 100 x Fm/F		
	Where;		
	"Sf" is the Financial Score,		
	"Fm" is the lowest price, and		
	"F" the price of the proposal under consideration		
	TOTAL	**100**	