Date: 17th March 2025

TENDER ADVERTISEMENT

Habitat for Humanity Kenya invites bids from interested eligible, reputable, and competent contractors:

TENDER REF NO	ITEM DESCRIPTION	LOCATION
HFHK/BMZ/LIONS/0004/03/2025	Construction of three (3) 500 cubic meters water pans including equipping and connection with solar powered water pumping system, lining, shading and fencing & Design & Construction of one (1) 40 cubic meter elevated plastic tank compromising of 2 pcs heavy gauge and double layered cylindrical tanks each $20m^3$ capacity and raised on a 9m high steel tower including connection to the supply lines at Mathingira village 5	Laikipia County

Detailed tender documents including Drawings, Bill of Quantities, ToR and evaluation criteria may be obtained **(Free of charge**) from the Habitat for Humanity Kenya website: https://hfhkenya.org/tender-advertisements/ or requested through procurement@hfhkenya.org

Duly completed and sealed tender documents in plain envelope with the **TENDER REF NO.** and **TENDER DESCRIPTION** title clearly indicated on the envelope should be deposited in the tender box placed at the Habitat for Humanity Kenya on or before Close of Business on **31st March 2025** addressed to;

The Chairperson, Procurement Committee,

Habitat for Humanity Kenya

Kasuku Lane-off Lenana Road,

CVS Plaza 3rd Floor

P.O Box 38948 – 00623, Nairobi Kenya.

Habitat for Humanity Kenya reserve the right to accept or reject any tender in part or wholly and does not bind itself to accept the lowest bidder. Only successful bidders will receive communication from HFHK office. Any form of canvassing either directly or indirectly shall lead to disqualification of the tender

BILL OF QUANTITIES - 500M3 WATER PAN (12.5 by 10 by 4m)					
ITEM	**DESCRIPTION:**	**UNIT**	**QTY**	**RATE (KShs.)**	**TOTAL**
1	**WaterPan**				
1.1.	Excavation of soil in normal material for a depth n.e. 4m following by ramming. *Rates to include mobilization and Demobilization of machinery.*	m3	500		
1.2.	Provision and installation of 0.3mm HDPE Geo-membrane dam liner	m2	250		
1.3.	Supply and installation of 55% Waterproof shade nets.	m2	300		
2	**Pump**				
2.1	Supply and deliver a Surface pump capable of delivering minimum Q=3.5m³/hr against a Minimum head of 30m together with required accessories.	No.	1		
2.2	5m 2" suction pipe.*Rates to include fitting acessories.*	m	5		
2.3	PN 10 2" 30 m length Delivery Pipe.Rates to include fitting acessories.	No.	1		
3	**Solarization**				
3.1	1.5kW single Phase SUNVERTER. *Rates to include lockable control panel metal chamber.*	No.	1		
3.2	200W Solar mono-Crystalline modules	No.	9		
3.3	Paddle float switch	No.	1		
3.4	PV disconnect switch	No	1		
4	**Fencing**				
4.1	*Provide Fencing for the waterpan area for a perimeter of 55m:*				
4.2	8ft Treated wooden post	m	17		
4.3	Supply and Installation of 2No.anchor posts at the corner sections of the fence including joinery accessories.	No	8		
4.4	Supply and Installation gauge 14 barbed wire in 4 rows around the fence perimeter at 600mm spacing.	LS	1		
4.5	Supply and Installation Gauge 14 chainlink	LS	1		
4.6	Supply and Installation of steel gate 2.4m high by 3m	LS	1		

		SUMMARY			
	Bahati village water pan		1		
	Mukandamia village water pan		1		
	Baraka village water pan		1		
	Total for the 3 water pans				
	Contigency	%	5		
	GRAND SUMMARY - WATER PANS				
BILL OF QUANTIRTIES - 40M3 DOUBLE LAYERED PLASTIC TANK ON 9m ELEVATED STEEL TOWER					
NO	**ITEM DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT (KES)**
	FOUNDATION WORKS: Foundation as provided in the approved drawings. The cost to include setting out, Site clearance**,** Excavate the foundation bases(3m minimum), supply all materials, deliver to site, mix, vibrate reinforced concrete footings and column stubs, provide holding down bolts together with casting template and all other materials necessary for the casting of foundation				
	Element No.1: Excavation & Earth Works				
A	General excavation to remove top soil to an average depth of 250mm	m^2	9		
B	Excavate in silty/sandy/rock soil tanking footing, blinding (50mm) and foundation 3m deep	m^3	61		
C	Cart away surplus excavated material & deposit at recommended area	m^3	61		
	Element No.2: Concrete Work				
	Mass Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size in				
A	50mm Thick blinding	m^2	2		
B	Raft foundation (4.5m x 4.5m x 0.45m) - Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size	m^3	12		
C	Columns (4No. - 0.3m x 0.3m x 2.5m) - Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size	m^3	2		
D	Beams (4No. - 0.3m x 0.3m x 3.3m) - Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size	m^3	2		
	Element no. 3: Reinforcement				

	Steel reinforcement cut, bend & placed in position, unit price to include cutting, bending & placing in position with binding wire and concrete seats. Horizontal and diagonal beam should be provided.				
A	Reinforcement bars (all sizes) as shown on drawings	kg	900		
	Element no. 4: Sawn formwork				
A	Formwork to sides of column bases and beams	m^2	38		
	Element No.5: 9m high steel tower				
A	Supply and assembly of 9m high tower made up of 100mm x 100mm x 4mm thick SHS columns, 50mm x 50mm x 4mm RSA horizontal ties , 50mm x 50mm x 4mm RSA diagonal bracings, 180mm X 91mm X 19.8 kg/m Secondary IPE Beam, 200mm x 100mm x 22.8 kg/m Main IPE Beam and 20 leveling pad grouting to 4 No. SHS columns, mild steel handrail, 7.2m x 4.2m x 4mm GI chequered plate inclusive of 600mm wide walkway around tank, cat ladder with box profile roofing	LS	1.00		
B	Allow for tank tower painting - two coats of safarocom green	LS	1.00		
C	**TANK:** Supply and installation of two interconnected 20,000l double layered plastic tanks**.**	No.	2		
	Sub-Total				
	Element No.6: Plumbing and fittings works (all PN 10 PPR Pipes)				
	Allow for all the requisite pipe work including inlet of 1.5", outlet 1.5" and washout pipework 1.5". The scouring pipe must be fitted in such a way that, it reaches the foot of the tank tower and each be fitted with a gate valve.				
A	1.5" diameter PN 10 PPR pipe inlet	m	24		
B	1.5" diameter PN 10 PPR pipe outlet	m	24		
C	1.5" diameter PN 10 PPR pipe overflow- to be directed 12m meters away from the tank	m	24		
D	1.5" diameter PN 10 PPR pipe Wash out	m	24		
E	1.5" diameter sluice Valve and approriate fittings - Outlet pipe	No	1		
F	1.5" diameter sluice Valve and approriate fittings - scour pipe	No	1		
G	Kent 50mm water meter complete with fittings	No.	1		
H	Construct 1200mm x1200mm x 1000mm (internal dimentions) standard valve chamber with locable cover with 2 coats of paints (Blue bird)	No.	1		
9	**Tank testing**				
1	Supply and apply recommended disinfectant and test the tank. The task will be accomplished in liaison with sub county water officer and or project manager	No	1		

J	Allow for minor fittings	LS	1		
	TOTAL COST OF 9M TANK TOWER AND 40,000L PLASTIC TANKS				
	VAT (16%)				
	GRAND SUMMARY - ELEVATED TANK				
	SUMMARY				
	GRAND SUMMARY - WATER PANS				
	GRAND SUMMARY - ELEVATED TANK				
	GRAND TOTAL				

CONSTRUCTION OF THREE (3) 500 CUBIC METERS WATER PANS AND ONE 40 CUBIC METER ELEVATED PLASTIC TANK ON A 9M HIGH STEEL TOWER

EVALUATION CRITERIA

The tenders submitted by tenderers shall be evaluated in the following three (3) stages:

1) Mandatory Requirements Check;
2) Technical Evaluation; and
3) Financial Evaluation.

1) Mandatory Requirements Check

These are mandatory documents to be attached to the tender document. Absence of any of these documents will lead to bidder being disqualified and will not be considered proceed to the next stage of evaluation.

Schedule-1: Mandatory Requirements

Item	Requirement	Yes / No
1.	Certificate of Registration/Incorporation.	
2.	Updated copy of certified CR12 Form	
3.	Current Single Business Permit	
4.	Valid KRA Tax Compliance Certificate	
5.	Valid registration as NCA6 or higher as water works contractor, building works contractor and as Solar PV Energy/Electrical Contractor by EPRA	
6.	Valid NCA practicing license for water works/building works and Solar PV Energy/electrical technician with EPRA	
7.	Certificate of registration with the MWS&I as water development contractor	
8.	Priced Bill of Quantities in the Format Provided in the Bid Documents.	
9.	Certified Company's Audited Financial Statements for the last three years (2023 and 2024)	

2) Technical Evaluation Criteria

The technical evaluation is weighted out of 100 points with a pass mark of 70 points. Any bidder scoring 70 points and above in the technical evaluation will be considered for Financial evaluation stage. Any bidder scoring below 70 Points in the Technical Evaluation will be disqualified from further evaluation.

Schedule-2: Technical Evaluation Summary

	Scoring Criteria		**Bidder's Score**
Item	**Requirements**	**Maximum Possible Points**	
1.	Contractors Experience (Value of Works and Works of Similar Nature)	40	
2.	Contractor Equipment for the works	20	
3.	Contractor's Staff (Technical Competence)	20	
4.	Works Plan and Method Statement	20	
Total		**100**	

2.1 Contractor's Experience - Value of Works and Works of Similar Nature (Max-30)

The bidder to attach reference letters and completion certificates for past and ongoing works as evidence.

Schedule-3: Value of Works handled in the last three Years (Max -15)

	Scoring Criteria		**Bidder's Score**
Item	**Requirements**	**Maximum Possible Points**	
1	Annual volume of construction works during the past three years of above Kshs 50,000,000.00	10	
2	Annual volume of construction work during the past three years of above Kshs 25,000,000.00 and not exceeding 50,000,000.00	5	
3	Annual volume of construction work during the past three years of below Kshs 25,000,000.00	4	
	No submission of project record	0	

***NOTE**: Score for value of works will be awarded based on submitted contracts for past and ongoing works / purchase orders/completion certificates for past and ongoing works.*

Schedule-4: Works of Similar Nature and Complexity (Max-15)

	Scoring Criteria		**Bidder's Score**
Item	**Requirements**	**Maximum Possible Points**	

1	Experience as prime contractor in the construction of at least **Three** Projects of similar nature and complexity in the last **Three Years.** (Elevated water Tanks, Solar powered water systems and water pans). Evidence of completed works must be attached (Completion certificates) (10 points for each completion certificate	30	
2	Experience as prime contractor in the construction of at least **Three** Water Works Related Projects in the last Five **Years.** (e.g. Irrigation Works, Sewerage works, Canals, Borehole). Evidence of completed works must be attached and Ongoing works cited should be at least 80 percent complete	9	
3	Any other three unrelated Engineering Works (Buildings, Roads, Bridges etc) in the last five years	6	
4	No submission of project record	0	

***NOTE**: Score for value of works will be awarded and prorated based on submitted contracts for past and ongoing works / purchase orders/completion certificates for past and ongoing works.*

2.2 Contractors Equipment for Works (Max-20)

Schedule-5: Contractors' Equipment (Max-20)

	Scoring Criteria				**Bidder's Score**
Item	**Requirements**	**Maximum Possible Points**	Listing	Proof of Ownership (Logbook or Valid Lease Agreement	
1.	Transport Trucks – one (1) unit	3	0.5	2.5	
2.	Excavator –one (1) unit;	3	0.5	2.5	
3.	Concrete mixer- one (1) unit	2	0.5	1.5	
4.	Concrete poker vibrator- one (1) unit	2	0.5	3.5	
5.	HDPE pipes Butt fusion machine- one (1) unit	2	0.5	1.5	
6.	Dewatering Pump (1 unit)	2	0.5	1.5	
7.	Portable power generator	2	0.5	1.5	

8.	Steel fabrication plant/workshop	2	0.5	1.5	
9.	Ark welding machine	**2**	0.5	1.5	
	Total	**20**			

***NOTE**: Score for Equipment will be awarded based on submitted Logbooks (in the name of the Bidder or Owner in the CR12 provided) or Lease agreement between the Bidder and Leaser.*

2.3 Contractor's Staff (Technical Competence) (Max-20)

Bidder must attach detailed and updated Curriculum Vitae (CVs) and other testimonials including Academic Certificates (Degree, Diploma etc), Registration Certificates from professional Bodies and Recommendations from past assignments as necessary for each staff.

Schedule-6.1: Contractors Key Staff – Education (Max-10)

	Scoring Criteria						
Item	**Requirements**	**Maximum Possible Points**	**Degree in Civil/Water Eng.**	**Diploma in Civil/Water Eng.**	**Certificate in Civil/Water Eng.**	**Registration with relevant bodies (Engineering body/ NCA)**	**Bidder's Score**
1	Site Agent (Civil/Water Engineer)	2	1	1	0	1	
2	One (1) Site Foremen (Earthworks/concrete Works)	2	1	1	0	1	
3	One (1) Site Foremen (Plumbing technician)	2	1	1	0	1	
4	One (1) Site Foreman (Steel Fabricator)	**2**	1	1	0	1	
5	One (1) Site Foreman (Solar PV Technician)	**2**	1	1	0	1	
	Total	**10**					

Schedule-6.2: Contractors Key Staff – Experience (Max-10)

	Scoring Criteria					
Item	**Requirements**	**Maximum Possible Points**	**Over 5 Years**	**3 – 5 Years**	**1 – 3 Years**	**Bidder's Score**

			Relevant Experie nce	General Experien ce	Relevant Exper ience	General Experien ce	Relevant Experie nce	General Experience	
1	Site Agent (Water Engineer)	2	2	1	0	0	0	0	
2	One (1) Site Foremen (Earthworks/concr ete Works)	2	2	1	0	0	0	0	
3	One (1) Site Foremen (Plumbing technician)	2	2	1	0	0	0	0	
4	One (1) Site Foreman (Steel Fabricator)	2	2	1	0	0	0	0	
5	One (1) Site Foreman (Solar PV Technician)	2	2	1	0	0	0	0	
	Total	***10***							

NOTES on Relevant Experience

- Relevant experience refers the proposed key staff having worked in at least 2 projects of a similar nature in similar position in the last 5 years.
- The minimum registration requirement for the site agent must be either EBK, EIK or KTRB
- The minimum registration requirement for foremen will be NCA a n d E P R A technician registration where necessary.

2.4 Work Plan and Method Statement (Max-20)

Schedule-7: Work Plan and Method Statement (Max-20)

	Scoring Criteria		**Bidder's Score**
Item	**Description**	**Maximum Possible Points**	
1	Detailed and relevant Schedule of works (work plan) as described in section 12 of this bid document covering all items in the scope of works right from contract signing and including Defects Liability Period (DLP) and within the performance period as specified in the bid documents.	5	

2	Detailed and relevant Method Statement covering all items in the scope of works including but not limited to Mobilization, works execution methodology for each item of works including DLP.	7	
3	Detailed Project Site management	2	
4	Occupational Safety and Health management	2	
5	Environmental Management	2	
6	Quality Management	2	
	Total	**20**	

NOTES on Works Plan and Method Statement

Scores will be awarded based on the adequacy of the submitted documents in reference to the scope and works requirements.

Stage 3: Financial Evaluation Stage

The technical evaluation pass mark shall be 70% of which bidders who pass will be subjected to tender price comparisons.

HFHK will award the Contract to the tenderer whose tender is determined to be substantially responsive to the tender documents and who has offered the lowest evaluated tender price.