



STRATEGIES FOR NORTHERN DEVELOPMENT (SND) – KENYA

TENDER DOCUMENT TO UNDERTAKE FABRICATION & INSTALLATION OF ELEVATED PRESSED STEEL SECTION WATER TANKS

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REF: [SND / 12 / 2023- 005](#)



TENDER INVITATION

RE: FABRICATION & INSTALLATION OF ELEVATED PRESSED STEEL SECTION WATER TANKS

The Strategies for Northern Development (SND), is a local non-governmental organization working with nomadic pastoralist communities in Northern Kenya and Southern Ethiopia. SND was registered in Kenya with the NGO Coordination Board as a fully-fledged NGO on 6th December 2007.

SND is driven by a vision to see a society where all pastoralist communities are resilient and live a dignified life and a mission to empower and transform pastoralist communities to be self-resilient in life. Key thematic areas of focus are;

- i. Peacebuilding and Governance
- ii. Food Security, Sustainable Livelihoods, and Resilience
- iii. Water, Sanitation, and Health
- iv. Child Protection and Education and,
- v. Humanitarian assistance.

SND has secured funding from **Scottish Government** through **OXFAM** under the loss and damage in Samburu- Kenya and to support the Fabrication and installation of elevated pressed steel section water tanks at **LCHINGEI LOCATION, SAMBURU WEST SAMBURU COUNTY**

For this purpose, we invite bidders to submit quotations for the execution and completion of the above assignment as provided in the tender document.

DESCRIPTION OF WORK/SERVICE

-	<u>SUPPLY, DELIVERY AND INSTALLATION OF A PRESSED STEEL SECTION WATER TANK CAPACITY 50 CUBIC ON A 9 METER STEEL TOWER</u>					
-	<u>SITE LOCATION: LCHINGEI LOCATION, SAMBURU WEST SAMBURU COUNTY</u>					
ITEM NO.	DESCRIPTION	UNIT	QTY	RATE (Kshs.)	TOTAL (Kshs.)	COST
<u>A</u>	Preliminaries					
-	CONCRETE FOUNDATION					
<u>1</u>	Excavate for tank tower foundation, spread and level the excavated materials and stack surplus as directed for re-use: Depth to be determined on site.	M3	12			
<u>2</u>	Supply, transport, deliver and handpack hardcore of 300mm thick below foundation slab, this includes watering and compressing hardcore according to standards for this activity and 50mm quarry dust blinding to be placed on top of compressed hardcore. Two layers of 1000 gauge polythene sheet with minimum 300mm should also be placed as a damp proof membrane	m²	12.25			
<u>3</u>	Supply and place reinforced concrete class 25/30 with D12 placed at 150c/c both way at bottom and sides to foundation for tank tower and 4D20 for column bases: Cost to include reinforcement bars as specified measured net.	M3	12			

<u>B</u>	FITTINGS, FINISHES & SUPPLY				
-	The contractor shall apply undercoat, one coat of gray oxide primer and galvanized it with silver alluminiumpaint. The engineer shall select the colour shade and code of the paint				
-	apply one coat of Zinc Phosphate primer and two silver alluminium paint on the tank base members	Sum	1		
<u>C</u>	PRESSED STEEL SECTION WATER TANK - GALVANIZED				
-	Supply and assemble on 9m tower steel section water tank of approximately, 50M3 (preferably 5000mm length x 5000mm width x 2000mm high) galvanized steel tank comprizing of 4.5mm thick mild steel pressed panels, internal bracing, brackets, calibrated level indicator, 6mm galvanized roof cover, fasteners, standard 100NB threaded nozzles, sealants, lockable manholeset c/w the connection pipework (inlet, outlet, overflow and washout) The tank & tower to strictly follow the drawing and have allowance for future expansion.	ITEM	1		
<u>D</u>	9M Tower				
-	Design, provide shop drawings, fabricate ,deliver and erect a 9m high steel tower above foundation level steelwork complete with primer and alluminium paint to carry 50m3 steel tank. The tower to comprise of SHS columns of min dimesions 150 x 150 x 6mm, Primary Main beam of 254 x 146 x 31kg/m, Secondary beam of 305 x 102 x 25kg/m angle bracings, chequered plate platform and	ITEM	1		

	beams, access cat ladder and railing on the platform and fixtures necessary for erection.				
<u>4</u>	Allow for gaskets, nuts, washers, bolts, cuttings and threading on site	L/s	1		
<u>E</u>	PIPE WORK				
-	Supply, deliver and install 2" G.I pipe class B for the inlet work, outlet, wash out, overflow and connection to the borehole for the 50m ³ steel water tank on 9m steel tower. Rate to include connection to the tank by pass pipe, inlet gate valves and all necessary fittings including fasteners an anchor blocks.	ITEM	1		
<u>E</u>	TRANSPORT				
-	Delivering fabricated materials from workshop to the site of erection.	ITEM	1		
-	Branding				
-	Allow branding of tank plates with the organization and donor logos. NOTE: All four sections of tank will be branded.	ITEM	1		
<u>G</u>	MANHOLE CHAMBER				

-	Manhole Control Chamber 1.0 x 1.0 x 0.5 m with a manhole cover with 50mm diameter brass high pressure screw-down fullway non-rising stem, solid wedge disc gate valve as "Pegler" and to be complete with matching diameter GMS union and adaptors.	No	1		
-	Total				
-	16% VAT		0.16		
-	<i>Total for 50 Cubic steel tank on a 9M tower</i>				
-	<u>NOTES:</u>	-	-	-	-

Amount in words.....

Company's Name

Contractor's Name

Address

Signature



GENERAL TERMS AND CONDITIONS

- 1) **Price:** The prices stated on the order shall be held firm for the period and / or quantity unless specifically stated otherwise
- 2) **Source of Instructions:** The Supplier shall not seek nor accept instructions from any source external to SND in relation to the performance of the contract.
- 3) **Assignment:** The Supplier shall not assign, transfer, sublet or subcontract the contract or any part thereof without the prior written consent of the Buyer.
- 4) **Corruption:** The Supplier shall not give, nor offer to give, anyone employed by the Buyer an inducement or gift that could be perceived by others to be a bribe. The Supplier agrees that a breach of this provision may lead to an immediate end to business relationships and termination of existing contracts.
- 5) **Confidentiality:** All data, including but not limited to, maps, drawings, photographs, estimates, plans, reports and budgets that has been compiled by or received by the Supplier under the contract shall be the property of SND and shall be treated as confidential. All such data should be delivered to the authorized officials representing the Buyer upon request.
 - a. The Supplier may not communicate at any time to any other person, government or authority external to SND, any information that has been compiled through association with SND which has not been made public except with written authorization from the Buyer. These obligations do not lapse upon termination of the contract.
- 6) **Use of Emblem or Name:** Unless otherwise agreed in writing; the Supplier shall not advertise nor make public the fact that it is supplying goods or services to the Buyer, nor shall the Supplier in any way whatsoever use the name or emblem of SND in connection with its business or otherwise.
- 7) **Observance of Law:** The Supplier shall comply with all laws, ordinances, rules and regulations bearing upon the performance of its obligations under the terms of the contract.
- 8) **Force Majeure:** The meaning of the term can be taken to mean acts of God, war (declared or not), invasion, revolution, insurrection or acts similar in nature or force.
 - a. In the event of and as soon as possible after the occurrence of any cause deemed force majeure, the Supplier must inform the Buyer of the full particulars in writing. If the supplier is rendered unable either in part or in whole to perform its obligations then the Buyer shall take such action as it considers, in its sole discretion, to be appropriate or necessary in the circumstances.

- b. if the Supplier is permanently rendered incapable in whole or part by reason of force majeure to complete its obligations and responsibilities under the contract then the Buyer will have the right to suspend or terminate the contract on the same terms and conditions laid out in section 9, Cancellation.
- 9) **Cancellation:** The Buyer reserves the right to cancel the contract should it suspend its activities or through changes to its mandate by virtue of the Executive Council of SND and/or lack of funding. In such a case the Supplier shall be reimbursed by SND for all reasonable costs incurred by the Supplier, including all materials satisfactory delivered and conforming to specification and terms of contract, prior to receipt of the termination notice.
- a. Should the supplier encounter solvency problems including, but not limited to, bankruptcy, liquidation, receivership and similar, the buyer reserves the right to terminate the contract immediately without prejudice to any other right or remedy it may have under the terms of these conditions.
- 10) **Warranty:** The Supplier shall provide the Buyer with all manufacturers' warranties. The supplier warrants that all goods supplied in relation to the contract meets specification, is defect free and is fit for the purpose of the intended use. If, during the warranty period, the goods are found to be defective or non- conforming to specification, the Supplier shall promptly rectify the defect. If the defect is permanent then at the choice of the Buyer the Supplier will either replace the item at their cost or reimburse the Buyer.
- 11) **Inspection and Test:** The Supplier must inspect the goods prior to dispatch to ensure conformance to specification and/or any other provisions of the contract. The Buyer reserves the right to inspect the goods for compliance with specifications and provisions of the contract. If, in the Buyers' opinion, the goods and/or services do not comply with the specification, the Buyer will inform the Supplier in writing. In such a case the Supplier shall take the necessary action to ensure compliance, liability for any additional cost incurred for rectifying compliance will rest with the Supplier.
- 12) **Changes:** The Buyer reserves the right to make reasonable changes at any time to the specification, drawings, plans, quantity, packing instructions, destination, or delivery instruction. If any such change affects the price of goods or performance of service the Supplier and Buyer may negotiate an equitable adjustment to the contract, provided that the Supplier claims for adjustments in writing to the Buyer within 30 days from being notified of any change.
- 13) **Export Licence:** If export licenses are required for the goods, the Supplier has the responsibility to obtain that license.
- 14) **Payment Terms:** Unless otherwise agreed, payment terms will be net 30 days from receipt of a correctly prepared invoice.

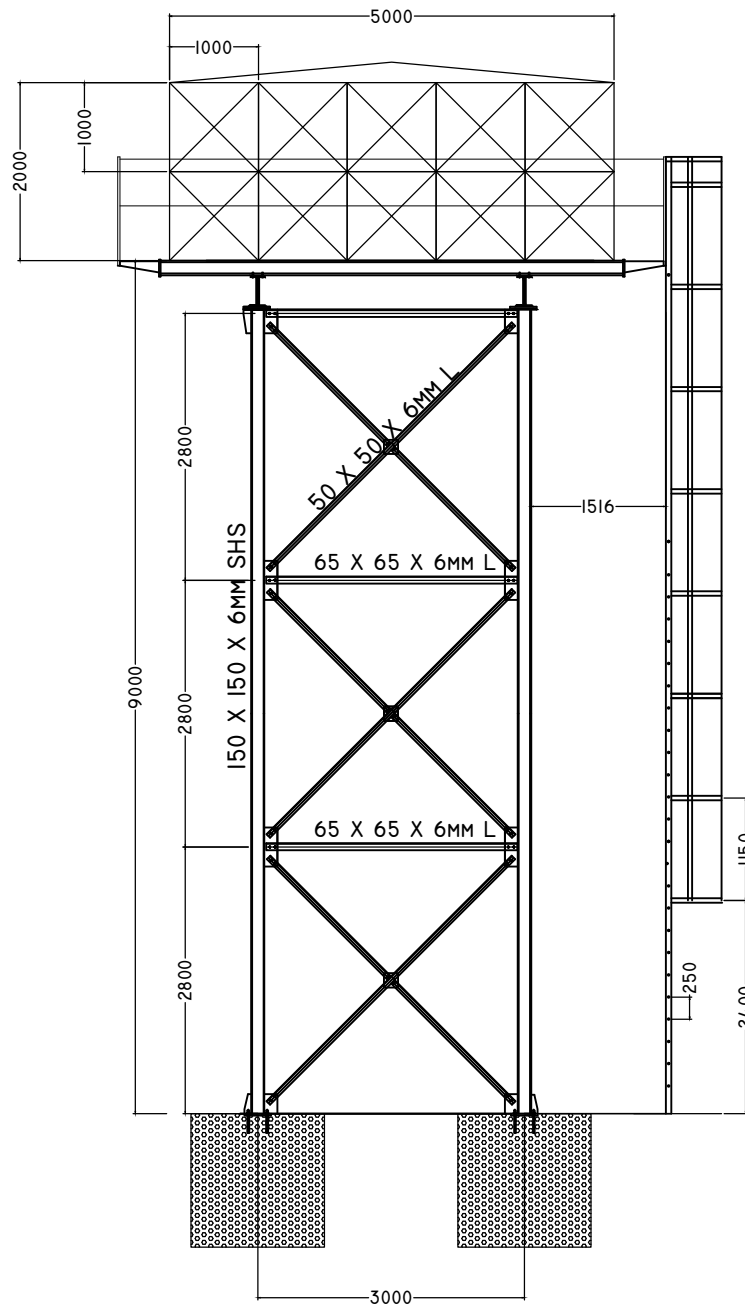
ESSENTIAL REQUIRED DOCUMENTS



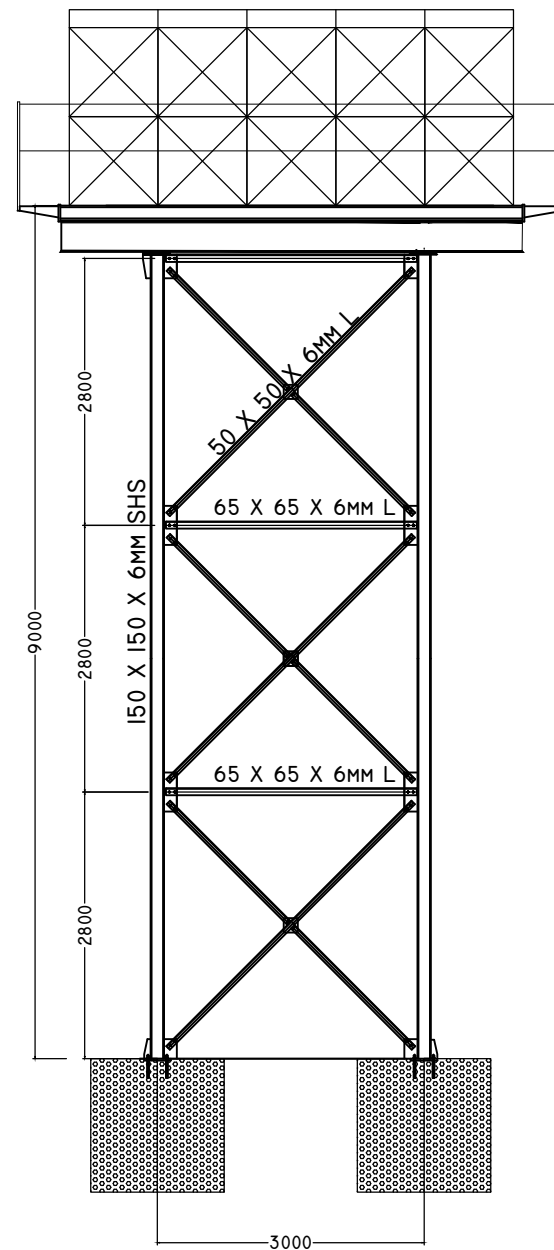
The tenderer must attach the following documents to the tender to be submitted;

1. Business registration certificate
2. PIN no
3. Work plan
4. Consider the drawing, and design of the solar equipping system attached.
5. Proof of similar assignments completed

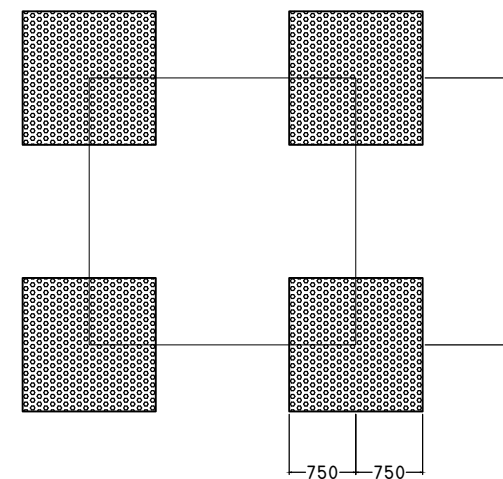
NB Quotation to be filled as per the specification given and be submitted to procurement@sndafrica.org on or before 18th January 2024 and with a reference; **SND / 12 / 2023- 005 – 50M3 LCHINGEI**



GENERAL ARRANGEMENT: FRONT VIEW
1:50



GENERAL ARRANGEMENT: SIDE VIEW
1:50



FOUNDATION LAYOUT

NO.	Item	Material Description	
1	Column	150 x150x6	mmSHS
2	Main Beam	254x145x31	kg/m UB
3	Secondary Beam	305x102x25	kg/m UB
4	Diagonal Bracings	50x50x6	mmRSA
5	Horizontal Bracings	65x65x6	mmRSA
6	Walkway Frame	40x40x6	mmRSA
7	Intermediate Frame	40x40x6	mmRSA
8	Walkway deck	40x40x6	mmRSA

1. All gussets to be 6mm thick
2. All steelworks to be wire brushed before painting
3. Tower to be painted one coat Red oxide at shop
4. Aluminium final coat on tower/tank outside after erection
5. Tank to be painted with Bituminous paint inside
6. Steel tower to BS 449-1969
7. All dimensions are in mm

Revisions	
Description	Date

CLIENT
STRATEGIES FOR NORTHERN DEVELOPMENT (SND)

Project:
5M* 5M* 2M (50M³) ELEVATED
STEEL TANK AT 9M
Scale : 1:50
Sheet No2:of 3

Sheet Size :
A3