



**WILDLIFE
RESEARCH
& TRAINING
INSTITUTE**

Discover Beyond

19th October 2023

TO: ALL BIDDERS

ADDENDUM NO 1 – TENDER NO WRTI/OT/PPRM/42/2023-2024

CLARIFICATION ON TENDER FOR PROPOSED REMOVAL OF ASBESTOS REROOFING AND ASSOCIATED WORKS

The above subject matter refers;

Following the Prebid meeting held on 19th October 2023, Wildlife research and Training institute wishes to make clarifications/amendments to the tender as follows;

ITT 3.1

Tenderers are allowed to enter into joint venture with contractors licensed with National Environment and Management Authority (NEMA)

Bills of Quantities

The bills of quantities have been amended and attached as below;

All other conditions remain the same

Supply Chain Management

For: Director/CEO

Bills of Quantities

BILLS OF QUANTITY FOR PROPOSED ASBESTOS REMOVAL, REROOFING, RENOVATION AND WATER HARVESTING WORKS FOR STAFF QUARTERS AT THE WRTI					
Item	Description	Qty	Unit	Rate	Amount
	Preliminaries				
	The Employer is:				
	Wildlife Research and Training Institute				
	LOCATION OF SITE				
	The site of the proposed works is at the Wildlife research and Training Institute HQ in Naivasha				
	The Contractor shall be deemed to have visited the site and satisfied himself as to:-				
	a) The nature and position of the site				
	b) The amount of the rubbish or debris to be cleared away before commencement				
	c) The nature, current usage, proximity and size of adjoining property and building				
	No claim will be allowed for travelling or other expenses which may be incurred by the Contractor in visiting the site or preparing the tender for the works.	1	ITEM		
	LABOUR CAMPS				
	The contractor shall not be allowed nor permitted to house labourers on site. Arrangements should be made to cater for the same	1	ITEM		
	WATCHING AND LIGHTING				
	The Contractor shall provide at his own risk and cost all watching as necessary to safeguard the works, plants and materials against damage and theft.	1	ITEM		
	INSURANCE				

	Insurance against injury to persons and property				
	NOTES				
	In addition to the conditions of the contract and the requirement contained herein the contractor's all risk policy shall cover the full value of the following and allow for all costs thereof:-				
	The works and temporary works erected in performance of this contract.				
	The materials on site, plant and tools				
	The cost and expense of removing debris of the property insured, destroyed or damaged by any peril insured.				
	Employer's liability (workman's compensation)				
	Third party (Public liability for an indemnity of not less than shs. 2,000,000 for any accident or series of accidents arising from the same event (unlimited in aggregate).	1	ITEM		
	MATERIALS, TOOLS, PLANT AND SCAFFOLDINGS				
	All materials and workmanship used in the execution of the works shall be of the best quality and description. Any materials for the works condemned by the WRTI shall immediately be removed from the site at the Contractor's expense.				
	The contractor shall be responsible for the provision of all materials, scaffolding, tools, plant, transport and workmen required for the works. This includes all safety barriers, safety gear etc				

	No timber used for scaffolding, formwork or similar purpose shall be used afterwards in the permanent works.				
	All such plant, tools and scaffolding shall comply with all regulations whether general or local in force throughout the period of the contract and shall be required as may be necessary to comply with any amendments in or additions to such regulations	1	ITEM		
	TRANSPORT TO AND FROM THE SITE				
	The contractor shall include in his prices for the transport of materials, workmen etc to and from the site of the proposed works at such hours and by such routes as are permitted by the Authorities.	1	ITEM		
	WATER				
	The contractor shall be allowed to use water from the institute in the works. The contractor shall provide at his own risk and cost proper connections to safely tap the qater to usage point. The contractor is however mandated to provide at his own cost the drinking water for all his staff as required by OSHA				
	All water shall be fresh, clean and pure, free from earthly vegetable or organic matter, acid or alkaline substance in solution or suspension.	1	ITEM		
	DUMPING				
	The Contractor shall comply with the Environmental (Impact Assessment and Audit) Regulations, 2009 Legal Notice No. 101 on removal, handling, transportation and disposal of asbestos to Goverment approved sites. This includes acquiring all the necessary approvals and permits for removal, handling, transportation and disposal of asbestos.				

	The contractor shall be responsible for the proper dumping of the Asbestos wastes removed from the roofs and disposed accordingly as approved by NEMA. The contractor shall provide the institute with the disposal permit for the removed asbestos. No dumping shall be allowed within the institute for the removed asbestos	1	ITEM		
	Carried to Summary Total for preliminary provisions				
1 BEDROOM HOUSES ASBESTOS REMOVAL					
	<u>Preparatory Works</u>				
A	Remove the installed ceiling including cornice	1	ITEM		
	Remove and salvage all electrical and plumbing materials installed on the roof. These shall not be reused	1	ITEM		
A	Remove and cart away the asbestos on the roof tops. Holding area for the removed asbestos shall not be allowed within the institute. The contractor is instructed to use "remove and straight to dumping site" strategy	120	SM		
B	Remove all the trusses on the roof	1	Item		
	<u>Roof Works</u>				
	-				
	All timber to be sawn cypress of G.S grade seasoned to an equilibrium moisture content and to the requirements of K.S 02 771 OF 1991 treated with approved wood preservative				
	Allow a prime sum of 100,000 for repair of the existing trusses where necessary	1	ITEM		
	Remove all ceiling blundering	250	LM		
C	Supply and install 2' by 2' cypress ceiling blundering	250	LM		
D	Independent members				
	75x50mm purlins	100	LM		
	Wrot Cypress				

	25x225mm Fascia board fixed to end of rafters	25	LM		
	Supply and install Supply and install customized full length, and purpose made 30 Gauge, Dumu Zas maroon roofing sheets as per mabati rolling mills or equivalent, secured in self-tapping screw on steel truss and rubber washer nailed on timber truss, laid in single trough either side, inclusive is ridge capping to:	100	SQM		
	Supply and install 9mm ceiling board. To include all fixing accessories	72	SQM		
	Supply and install cornice	50	LM		
	<u>Supply and install smoke grey PVC gutter on either side of the roof.</u>				
	Gutter	LM	25		
	Gutter End	No	2		
	Fixtures every meter interval complete with fixing accessories	No	25		
	Gutter Outlet	No	2		
	3" PVC Gutter downpipe	No	2		
	Electrical Works				
	Allow a prime sum of 100,000 for renovation of all electrical connctions in the entire house. This to include cost of new wiring, lighting, sockets and consumer unit. The installation accessories shall consist of 25mm piping, 1.5mm and 2.5 mm single core stranded cables as approved by the Engineer	1	Item		
	Plumbing Works				
	Allow a prime sum of 50,000 for the renovation of the plumbing system and also repairing damaged plumbing connections during roof removal. The contractor shall ensure that the house is in good working condition without any leakages on plumbing system.	1	Item		
	Painting				

	Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-				
	<u>Externally on:-</u>				
	Prepare, prime and apply two finishings of brilliant white paint on ceiling and cornice; make good to Engineers Approval	72	SM		
	General surface of Fascia board	10	SM		
	Total for renovation of 1 bedroom house				
	Carried to Summary Total for renovation of 1 bedroom house	27	No		
2 BEDROOM HOUSES ASBESTOS REMOVAL					
	<u>Preparatory Works</u>				
	Remove the installed ceiling including cornice	1	ITEM		
	Remove and salvage all electrical and plumbing materials installed on the roof. These shall not be reused	1	ITEM		
	Remove and cart away the asbestos on the roof tops. Holding area for the removed asbestos shall not be allowed within the institute. The contractor is instructed to use "remove and straight to dumping site" strategy	125	SM		
	Remove all the trusses on the roof	1	Item		
	<u>Roof Works</u>				
	All timber to be sawn cypress of G.S grade seasoned to an equilibrium moisture content and to the requirements of K.S 02 771 OF 1991 treated with approved wood preservative				
	Allow a prime sum of 100,000 for repair of the existing trusses where necessary	1	ITEM		
	Remove all ceiling blundering	315	LM		
	Supply and install 2' by 2' cypress ceiling blundering	315	LM		

	Independent members				
	75x50mm purlins	130	LM		
	Wrot Cypress				
	25x225mm Fascia board fixed to end of rafters	25	LM		
	Supply and install Supply and install customized full length, and purpose made 30 Gauge, Dumu Zas maroon roofing sheets as per mabati rolling mills or equivalent, secured in self tapping screw on steel truss and rubber washer nailed on timber truss, laid in single trough either side, inclusive is ridge capping to:	130	SQM		
	Supply and install 9mm ceiling board. To include all fixing accessories	120	SQM		
	Supply and install cornice	87	LM		
	<u>Supply and install smoke grey PVC gutter on either side of the roof.</u>				
	Gutter	LM	35		
	Gutter End	No	2		
	Fixtures every meter interval complete with fixing accessories	No	35		
	Gutter Outlet	No	2		
	3" PVC Gutter downpipe	No	2		
	Electrical Works				
	Allow a prime sum of 100,000 for renovation of all electrical connctions in the entire house. This to include cost of new wiring, lighting, sockets and consumer unit. The installation accessories shall consist of 25mm piping, 1.5mm and 2.5 mm single core stranded cables as approved by the Engineer	1	Item		
	Plumbing Works				

Allow a prime sum of 50,000 for the renovation of the plumbing system and also repairing damaged plumbing connections during roof removal. The contractor shall ensure that the house is in good working condition without any leakages on te plumbing system.	1	Item		
Painting				
Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-				
<u>Externally on:-</u>				
Prepare,prime and apply two finishings of brilliant white paint on ceiling and cornice; make good to Engineers Approval	80	SM		
General surface of Fascia board	15	SM		
Total for renovation of 2-bedroom house				
Carried to Summary Total for renovation of 2-bedroom house	12	No		
SUMMARY				
Carried to Summary Total for preliminary provisions				
Carried to Summary Total for asbestos removal of 1 bedroom house	27	No		
Carried to Summary Total for asbestos removal of 2-bedroom house	12	No		
TOTAL AMOUNT VAT EXCLUSIVE				
ADD 16% VAT				
TOTAL AMOUNT VAT INCLUSIVE				