

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF WAJIR

WAJIR COUNTY CLIMATE CHANGE FUND (WCCCF)

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM

AT

**KULMIS, MACHESA, GUTICHA, LANQOOD, BASIR AND KONTON
BOREHOLE WATER SUPPLIES**

WAJIR COUNTY

TENDER NO: WCG/T/419/2017/2018

BILLS OF QUANTITIES

ISSUED BY:

**FOR ENVIRONEMNT, ENERGY AND NATURAL RESOURCES OFFICE
COUNTY DEPARTMENT OF PUBLIC WORKS / WATER AND IRRIGATION
P. O. BOX 9-70200
WAJIR COUNTY**

FORM OF INVITATION FOR TENDERS

_____ *[date]*

To: _____ *[name of Contractor]*
_____ *[address]*

Dear Sirs:

Reference: _____ *[Contract Name]*

You have been prequalified to tender for the above project.

We hereby invite you and other prequalified tenderers to submit a tender for the execution and completion of the above Contract.

A complete set of tender documents may be purchased by you from _____

_____ *[mailing address, cable/telex/facsimile numbers].*

Upon payment of a non-refundable fee of Kshs _____

All tenders must be accompanied by _____ number of copies of the same and a security in the form and amount specified in the tendering documents, and must be delivered to

_____ *[address and location]*

at or before _____ *(time and date)*. Tenders will be opened immediately thereafter, in the presence of tenderers' representatives who choose to attend.

Please confirm receipt of this letter immediately in writing by cable/facsimile or telex.

Yours faithfully,

_____ Authorised Signature

_____ *Name and Title*

FORM OF TENDER

TO: _____ [Name of Employer] _____ [Date]
_____ [Name of Contract]

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs. _____ [Amount in figures] Kenya Shillings _____ [Amount in words]
2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager’s notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
3. We agree to abide by this tender until _____ [Insert date], and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive. Dated this _____ day of _____ 20_____

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of
_____ [Name of Employer]
of _____ [Address of Employer]

Witness; Name _____

Address _____

Signature _____

Date _____

LETTER OF ACCEPTANCE
[letterhead paper of the Employer]

_____ [date]

To: _____
[name of the Contractor]

[address of the Contractor]

Dear Sir,

This is to notify you that your Tender dated _____ for
the execution of _____
[name of the Contract and identification number, as given in the Tender documents]
for the Contract Price of Kshs. _____ *[amount in*
figures] *[Kenya Shillings _____ (amount in words)]* in
accordance with the Instructions to Tenderers is hereby accepted.

You are hereby instructed to precede with the execution of the said Works in
accordance with the Contract documents.

Authorized Signature

Name and Title of Signatory

Attachment: Agreement

FORM OF AGREEMENT

THIS AGREEMENT, made the _____ day of _____ 20 _____
between _____ of [or whose registered
office is situated at] _____ (Hereinafter called
“the Employer”) of the one part AND
_____ of [or whose registered
office is situated at] _____ (hereinafter called
“the Contractor”) of the other part.

WHEREAS THE Employer is desirous that the Contractor executes

_____ *(Name and identification number of Contract)* (Hereinafter called “the Works”) located at
_____ *[Place/location of the Works]* and the Employer has
accepted the tender submitted by the Contractor for the execution and completion of such Works
and the remedying of any defects therein for the Contract Price of
Kshs _____ *[Amount in figures]*, Kenya
Shillings _____ *[Amount in words]*.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
 - (i) Letter of Acceptance
 - (ii) Form of Tender
 - (iii) Conditions of Contract Part I
 - (iv) Conditions of Contract Part II and Appendix to Conditions of Contract
 - (v) Specifications
 - (vi) Drawings
 - (vii) Priced Bills of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The common Seal of

Was hereunto affixed in the presence of

Signed Sealed, and Delivered by the said

Binding Signature of Employer

Binding Signature of Contractor

In the presence of (i) Name _____

Address _____

Signature _____

[ii] Name

Address _____

—

Signature _____

TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of tenderer

.....

2. Full address of tenderer to which tender correspondence is to be sent
(unless an agent has been appointed below)

.....

3. Telephone number (s) of tenderer

.....

4. Telex address of tenderer

.....

5. Name of tenderer's representative to be contacted on matters of the tender
during the tender period

.....

6. Details of tenderer's nominated agent (if any) to receive tender notices. This
is essential if the tenderer does not have his registered address in Kenya
(name, address, telephone, telex)

.....

.....

Signature of Tenderer

Make copy and deliver to: _____ (*Name of Employer*)

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c) and 2 (d) whichever applies to your type of business.

You are advised that it is a serious offence to give false information on this Form.

Part 1 – General

Business Name

Location of business premises; Country/Town.....

Plot No..... Street/Road

Postal Address..... Tel No.....

Nature of

Business.....

Current Trade Licence No..... Expiring

date.....

Maximum value of business which you can handle at any time: K.
pound.....

Name of your

bankers.....

Branch.....

Part 2 (a) – Sole Proprietor

Your name in full.....

Age..... Nationality.....

Country of Origin..... *Citizenship details

.....

Part 2 (b) – Partnership

Give details of partners as follows:

Name in full Nationality Citizenship Details Shares

1.....

2.....

3.....

Part 2(c) – Registered Company:

Private or public.....

State the nominal and issued capital of the Company-

Nominal Kshs.....

Issued Kshs.....

Give details of all directors as follows:

Name in full . Nationality. Citizenship Details*. Shares.

1.
.....
.....

2.
.....

3.
.....

4.
.....

Part 2(d) – Interest in the Firm:

Is there any person / persons in(Name of Employer)
who has interest in this firm? Yes/No.....(Delete as
necessary)

I certify that the information given above is correct.

.....
.....
.....
(Title) (Signature) (Date)

Attach proof of citizenship

EVALUATION CRITERIA

There are three levels of evaluation criteria subjected to Companies. These are: -

1. Mandatory Requirements
2. Technical evaluation
3. Financial Evaluation

1. MANDATORY REQUIREMENT

This is a compulsory requirement and if a company fails to meet any of the mandatory requirements, it is deemed non-responsive. The following table shows the mandatory requirements

S/NO	REQUIRED DOCUMENTS	RESPONSIVE/NONRESPONSIVE
1	Certified Certificate of incorporation	
2	Certified Valid Tax Compliance certificate	
3	Current Business Permit	
4	2% Bid Bond	
5	NCA 7 and above for works(for electrical installations, engineering service contract	
6	ERC Registration certificate	

2. TECHNICAL EVALUATION

This is also a must for a firm or company to have and if a company fails to meet any of the technical requirements, it does not go to financial evaluation. The following table shows the technical requirements.

S/NO	REQUIRED DOCUMENTS	SCORE RATE	SCORE	RESPONSIVE/NONRESPONSIVE
1	Dully filled business questionnaire	10		
2	Original and a copy of the properly filled and bounded BQ.	10		
3	Dully filled tender form	5		

4	Detailed work schedule should be provided	5		
5	Certified certificate of Manufacturer Authorization Form.	10		
6	Updated Company Profile	10		
7	CVs of Key personnel: Have at least a degree in Specialization in (10 marks) Renewable energy, Mechanical/chemical engineering, Microbiology or related professional courses. Registered with NEMA as a lead EIA/EA expert.			
8	Work experience: proof of at least three similar work	15		
9	Certified CR 12	5		
	TOAL SCORE	80		

NB: Only tenderers with 60 score and above shall proceed to Financial evaluation stage

3. FINANCIAL EVALUTION

S/NO	REQUIRED DOCUMENTS	SCORE RATE	SCORE/RANK
1	At least two years Audited Financial Report (2015/16 & 2016/17)	20	

GRAND SUMMARY

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM AT KULMIS-BANANEY, MACHESA-LAG BOGOL SOUTH, KONTON-WAJIR EAST, LANQOOD-ARBAJAHAN, GUTICHA-ADEMASAJIDA AND BASIR-ELDAS BOREHOLE WATER SUPPLIES, WAJIR COUNTY

	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
A.	SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM EQUIPMENT AND ACCESSORIES		
1.	Kulmis Water Supply 7.5 KW Motor Solar Pump controller (Pg 3)		
2.	Machesa Water Supply – 7.5 KW Motor Solar Pump controller (Pg 6)		
3.	Konton Water Supply – 9.3 KW Motor Solar Pump controller (Pg 9)		
4.	Guticha Water supply-7.5 KW Motor solar pump controller (pg 12)		
5.	Lanqood Water Supply-7.5 KW Motor solar pump controller (pg 15)		
6.	Basir Water Supply - 3.3 KW – Motor Solar Pump controller Pg 18		
B.	PANEL SUPPORT STRUCTURES, TRANSPORT AND INSTALLATION		
	SUB TOTAL		
	ALLOW FOR 16% VAT NONE SOLAR ITEM B		
	ALLOW FOR 3% WITHOLDING TAX FOR ITEMS A & B		
GRAND TOTAL FOR SUPPLY AND INSTALL SOLAR SYSTEM			

KULMIS BORE HOLE, BANANEY WARD, WAJIR COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
A.	Grundfos RSI 7.5 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	40	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	6 mm twin cable	50	LM		
F	6 mm 4 core UG cable	25	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	265	LM		
K	Installation sundries		ITEM		
			M		
Total Carried to Grand Summary					

L	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>	1	NO		
M	Panel support structure	1	LS		
	TRANSPORT AND INSTALLATION				
Total Carried to Grand Summary					

GRAND SUMMARY

1. PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR AT KULMIS BOREHOLE AT BANANE WARD , WAJIR COUNTY			
	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	PANLE STRUCTURE, TRANSPORT AND LABOUR		
	SUB-TOTAL		
	ALLOW FOR 16% VAT ON ITEM 2		
	ALLOW 3% WITH HOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

MACHESA BORE HOLE, LAGBOGHOL SOUTH WARD, WAJIR COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
A.	Grundfos RSI 7.5 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	40	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	6 mm twin cable	50	LM		
F	6 mm 4 core UG cable	25	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	265	LM		
K	Installation sundries		ITEM		
Total Carried to Grand Summary					

	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
L	Panel support structure	1	NO		
M	TRANSPORT AND INSTALLATION	1	LS		
Total Carried to Grand Summary					

K / BW / HSI / WW / WC / 02

GRAND SUMMARY

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM , AT MACHESA BOREHOLE AT LAGBOGHOL SOUTH WARD , WAJIR COUNTY			
	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	PANLE STRUCTURE, TRANSPORT AND LABOUR		
	SUB~TOTAL		
	ALLOW FOR 16% VAT ON ITEM 2		
	ALLOW 3% WITH HOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

KONTON BORE HOLE, KHOROF~HARAR WARD, WAJIR COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
i)	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
A.	Grundfos RSI 9.2 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	40	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	6 mm twin cable	50	LM		
F	6 mm 4 core UG cable	25	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	360	LM		
K	Installation sundries		ITEM		
Total Carried to Grand Summary					

ii)	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
L	Panel support structure	1	NO		
M	TRANSPORT AND INSTALLATION	1	LS		
Total Carried to Grand Summary					

GRAND SUMMARY

3. PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM AT KONTON BOREHOLE AT KHOROF-HARAR WARD , WAJIR COUNTY			
	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	TRANSPORT AND PANEL SUPPORT STRUCTURE		
	SUB-TOTAL		
	ALLOW FOR 16% VAT SOLAR INSTALLATION		
	ALLOW FOR 3% WITHHOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

GUTICHA BORE HOLE, ADEMASADIJA WARD, WAJIR COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUPPLY INSTALLATION OF HYBRID SOLAR SYSTEM AT KONTON</u>				
A.	Grundfos RSI 9.2 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	48	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	6 mm twin cable	50	LM		
F	6 mm 4 core UG cable	25	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	318	PCS		
K	Installation sundries		ITEM		
Total Carried to Grand Summary					

	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
L	Panel support structure	1	NO		
M	TRANSPORT AND INSTALLATION	1	LS		
Total Carried to Grand Summary					

K / K-HW / HSI / WW / WC / 02

GRAND SUMMARY

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR AT GUTICHA BOREHOLE AT ADEMASAJIDA WARD , WAJIR COUNTY			
	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	PANEL STRUCTURE, TRANSPORT AND LABOUR		
	SUB~TOTAL		
	ALLOW FOR 16% VAT ON ITEM 2		
	ALLOW 3% WITH HOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

LANQOOD BORE HOLE, ARBAJAHAN WARD, WAJIR COUNTY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
A.	Grundfos RSI 7.5 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	40	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	6 mm twin cable	50	LM		
F	6 mm 4 core UG cable	25	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	380	LM		
K	Installation sundries		ITEM		
Total Carried to Grand Summary					

	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
L	Panel support structure	1	NO		
M	TRANSPORT AND INSTALLATION	1	LS		
Total Carried to Grand Summary					

K / BW / HSI / WW / WC / 02

GRAND SUMMARY

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM AT LANQOOD BOREHOLE AT ARBAJAHAN WARD , WAJIR COUNTY

	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	PANEL STRUCTURE, TRANSPORT AND LABOUR		
	SUB~TOTAL		
	ALLOW FOR 16% VAT ON ITEM 2		
	ALLOW 3% WITH HOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

BASIR BOREHOLE, LAKOLE WARD, WAJIR COUNTY

HYBRID SOLAR SYSTEM AT BASIR BOREHOLE

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
A.	Grundfos RSI 3.3 KW Solar pump controller	1	NO		
B	260W Crystalline Solar modules	20	NO		
C	Lorentz PV disconnect 1000-20-5	1	NO		
D	10 mm ² 1~core earth cable	10	NO		
E	4 mm twin cable	77	LM		
F	4 mm 4 core UG cable	20	LM		
G	Earth rod complete with clamp	1	NO		
H	Well Probe Sensor	1	NO		
J	Electrode cable	155	PCS		
K	Installation sundries	1	ITEM		
	NEW RE-INSTALLATION IOF PUMP TEMS				
	Grundfos 3A-45 pump c/w 3kw motor	1	NO		
	1.25" Peglar Water meter	1	NO		
	Bore hole cover 1,1/4" x 6" complete with sundries	1	NO		
	Upvc 3m 1.25 heavy duty	35	NO		
	10 Airtime pipes	35	NO		
	Adaptor set 1.25"	1	NO		
	Total Carried to Grand Summary				

	<u>INSTALLATION OF HYBRID SOLAR SYSTEM</u>				
L	PANEL SUPPORT STRUCTURE	1	NO		
M	TRANSPORT AND INSTALLATION	1	LS		
	Total Carried to Grand Summary				

GRAND SUMMARY

PROPOSED SUPPLY AND INSTALLATION OF HYBRID SOLAR SYSTEM AT BASIR BOREHOLE, WAJIR COUNTY			
	<i>DESCRIPTION</i>	<i>FOR TENDERERS ONLY</i>	<i>FOR OFFICIAL USE ONLY</i>
		<i>KSHS.</i>	<i>KSHS.</i>
	From Summary Page		
	BUILDER'S WORKS		
1.	HYBRID SOLAR SYSTEM WORKS		
2.	TRANSPORT AND PANEL SUPPORT STRUCTURE		
	SUB~TOTAL		
	ALLOW FOR 16% VAT SOLAR INSTALLATION		
	ALLOW FOR 3% WITHHOLDING TAX		
	TOTAL TENDER AMOUNT CARRIED TO FORM OF TENDER		

Amount in words.....

.....

Tenderer's name and stamp.....

Address
.....

Signature