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KENYA



Poverty Reduction Through Sustainable NRM



Investing in rural people

**MINISTRY OF WATER & SANITATION AND IRRIGATION**  
**UPPER TANA NATURAL RESOURCES MANAGEMENT PROJECT (UTaNRMP)**

P.O. Box 996-60100 EMBU Tel: 068 22 31376 E-mail: [utanrmp@gmail.com](mailto:utanrmp@gmail.com) [info@utanrmp.or.ke](mailto:info@utanrmp.or.ke) [www.utanrmp.or.ke](http://www.utanrmp.or.ke)

**DEAR ALL**

**RE: ADDENDUM NO 1 FOR: -**

**CONSTRUCTION OF 11 NO BOREHOLES IN MURANG'A COUNTY**  
**TENDER NO: MWS/UTaNRMP/TEN/003/2019/2020**

Following the Pre-tender site meeting held at the dam site on 6<sup>th</sup> and 7<sup>th</sup> February 2020, the following are the amendments and addendum to the tender document:

**ISSUES RAISED DURING PRE-TENDER SITE VISIT ON 6<sup>TH</sup> AND 7<sup>TH</sup> FEBRUARY 2020**

1. Prospective bidders note that the BoQs did not provide for the mobilization/demobilization and setting up for each of the bills;
2. The meeting noted that the cable sizing of 4Kw with a pump of 5.5kW. They should be the same (for Saba Saba, secondary, Maganjo, mwangaza, St.Teresa secondary school), it was also recommended that the hammered cable used should be thicker to minimize the voltage drop due to the long distance from the power source. There is need for streamlining the Pump motor and control panel in most of the BoQs.
3. There was need to clarify on the size and type of controller panels to be used for the boreholes;
4. Who will be responsible for making Sabasaba Borehole site accessible?
5. It was noted that trenching was not factored in the BoQ for cable connection and pipe connection between the power source and water tower respectively from the borehole location. This needed to be clarified.
6. There was no figure given under the supervision fee; it is stated as a lump sum.
7. There is No provision for contingencies in BoQ.
8. The extent of plumbing works to be provided and who will be responsible.
9. It was noted that item 18, that the submersible cable is thin at 4mm square





**RESPONSE TO ISSUES RAISED DURING PRE-TENDER SITE VISIT ON 6<sup>TH</sup> AND 7<sup>TH</sup> FEBRUARY 2020**

- 1) Where not indicated mobilization and demobilization should be included in the bill of quantities as indicated below:-
- 2) Item 14:- Supervision fee has a pre-determined amount of KShs. 300,000.
- 3) Item 16:- All controller panels for 11 No boreholes to be hybrid, 5.5KW.
- 4) Plumbing work will be up to the water tower, the schools to shoulder the cost of supplying water to the various points as need be.
- 5) Trenching costs should be included in the Installation of cables
- 6) The school head(s) to ensure the site is accessible.
- 7) Item 25:- The cable size should be carry the same power has the pump. 5.5 KW
- 8) Item 18:-should read 'supply and still 6 mm sq. Submersible cable'.

Where applicable, these issues are as shown in the table below:-

S/NO	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT
1a	Allow for mobilization and demobilization of equipment and personnel to and from site	L/S	L/S		
1b	Setting out drilling equipment	L/S	L/S		
8.	Allow for the cost of -Reaming and boring -Insert remove temporary casing. -Insert 9"ø casing permanently - Setting time - Insert bentonite seal	M M M L/S L/S	Rate only Rate only Rate only Rate only Rate only		
14	Supervision fee	Sum	Sum	300,000.	300,000.
15.	Submersible pump/motor 5.5KW/7.5HP	No	1		
16.	Supply and install a hybrid control panel (5.5kw, three phase) complete with ammeter, voltmeter and accessories.	No	1		
18.	Supply and Install 5.5mmsq 4 core submersible cable	M			
25.	Supply and Install 6mmsq 4 core armored cable from pump house to 3 phase power source	M			



### **OTHER ISSUES RAISED BY A BIDDER**

1. St. Theresa Sec School: Armoured cable from BH to pump controller is missing
2. Kirwara High School Pv disconnect should be 1000v/40A not 440v/40A. Total Armored cable should be atleast 6mm<sup>2</sup>.
3. Mwangaza Sec.School. Armoured cable from BH to pump controller is missing
4. Muunguni Maendeleo Ya Wanawake Self Help Group:- More details and clarification to be done on fencing since 120 Number posts cannot be fenced by 4rolls of chain link.

### **UTaNRMP RESPONSE TO OTHER ISSUES RAISED BY A BIDDER:**

1. St. Theresa Sec School:- One Hundred Fifty (150) metres 6mmsq armoured cable from BH to pump controller
2. Kirwara High School: Pv disconnect should be 1000v/40A not 440v/40A.
3. Mwangaza Sec School: Twenty five (25) metres 6mmsq armoured cable from BH to pump controller
4. Muunguni Maendeleo Ya Wanawake Self Help Group:- More details and clarification to be done on fencing since 120 Number posts cannot be fenced by 4rolls of chain link.

### **CLOSING/OPENING DATE:-**

Based on the above, the tender closing/opening date has been moved from 21<sup>st</sup> February 2020 10:00am on 26<sup>th</sup> February 2020.

Please note that this ADDENDUM is part of the tender documents and all other items and conditionalities in the tender documents remain the same.

**PROCUREMENT OFFICER  
FOR: PROJECT COORDINATOR.**

