

**Tender document**

**Bio-digester repair assessment work**

**Kiambu County**



The Africa Biogas Partnership Programme (ABPP) is a Public Private Partnership engagement that is funded by the Dutch Ministry of Foreign Affairs. The program is managed from Nairobi, Kenya where it supports five national biogas programs in Kenya, Uganda, Tanzania, Ethiopia and Burkina Faso. In each of these countries, ABPP is managed through a tri-partite agreement whereby Hivos is the Fund Manager; SNV (Netherlands Development Organization) provides technical support; and each the country has a local implementing partner.

The ABPP began its work in Kenya in 2009 under the stewardship of KENFAP (which later on became KENAFF). KENAFF partnered with Hivos and SNV to establish the Kenya National Domestic Biogas Program (KENDBIP). This partnership came to an end in September 2015, where ABPP undertook to establish a care taker team to continue with the program activities as a program team was being constituted to manage the remaining Phase II period. This team is referred to as the Kenya Biogas Program (KBP).

Over that period, the ABPP supported the construction of 3454 bio-digesters in the 12 sub-counties of Kiambu.

Out of these 3454 installations, 447 are currently not functioning for technical and/or operational reasons. KBP wants to have all non-functional bio-digesters in Kiambu assessed in such detail that subsequent repair and maintenance work can be tendered.



**The KBP is requesting proposals from eligible parties for the assessment of bio-digesters in one or more clusters.**

#### Eligibility criteria:

- Existing Quality Service Providers (QSPs) as deployed by KBP in the past;
- Biogas professionals with proven qualifications (attach relevant documents including training and professional certificates including referees), and operational experience working with small-scale AD systems including but not limited to;
  - Knowledge of O & M procedures
  - Troubleshooting/diagnosis skills
  - Design knowledge of the AD models in the sector (candidate must disclose which models they are familiar with)
  - Bio-slurry use and management
- Mandatory attendance of the pre-bid meeting.
- Must declare no conflict of interest
- Must not have pending litigation cases

#### The scope of work

The scope of work includes:

- Informing the household of the assessment visit, followed by a physical site visit;
- Full diagnostic assessment of the bio-digester, piping, appliances and other accessories;
- Detailed description of the scope of repair work and a priced Bill of Quantities (BoQs);

- Detailed report of the assessment exercise;
- Minor or on-spot repair works if any;
- Taking GPS location of the assessed bio-digesters,

### **Assessment period**

The repair assessments are expected to be completed within one month of allocation of the bids

### **Clustering**

KBP clustered the assessment work in 26 lots of average 17 households. Parties may tender on one or more lots.

### **Quality assurance**

KBP reserves the right to sample-check assessment work

### **Bidding documents**

The 26 assessment lots are provided as Annex 1 to this document, detailed information will be made available upon allocation of the lots

### **Pre-bidding meeting**

KBP will organize a pre-bidding meeting at KBP offices, Nairobi on Monday the 19<sup>th</sup> of March, from 11:00 to 13:00 hrs.

### **Deadline**

Bids shall reach the Kenya Biogas Program before Monday the 26<sup>th</sup> of March 2018, 17:00 hrs, by mail (sealed envelope) or email: [info@kbp.co.ke](mailto:info@kbp.co.ke)

### **Bid evaluation**

All bids will be evaluated by KBP's bid-evaluation committee. The committee retains all rights to award bids to the best of the programme's interest.

LOT ID: KIA-1	County	Sub-county	Ward	Volume
AT-01	Kiambu	Gatundu North	Kiarimu-Ini	1
AT-02	Kiambu	Gatundu North	Chania	15
AT-04	Kiambu	Gatundu North	Gothobokoni	1
			<b>Total KIA-1</b>	<b>17</b>

LOT ID KIA-2	County	Sub-county	Ward	Volume
AT-03	Kiambu	Gatundu-North	Gituamba	6
AT-05	Kiambu	Gatundu-North	Mang'u	11
			<b>Total KIA-2</b>	<b>17</b>

LOT ID KIA-3	County	Sub-county	Ward	Volume
AT-06	Kiambu	Gatundu-South	Kiganjo	4
AT-07	Kiambu	Gatundu-South	Kimwangi	3
AT-08	Kiambu	Gatundu-South	Ndarugo	8
AT-09	Kiambu	Gatundu-South	Ngenda	5
			<b>Total KIA-3</b>	<b>20</b>

LOT ID KIA-4	County	Sub-county	Ward	Volume
AT-10	Kiambu	Githunguri	Githiga	13
AT-13	Kiambu	Githunguri	Komothai	6
			<b>Total KIA-4</b>	<b>19</b>

LOT ID KIA-5	County	Sub-county	Ward	Volume
AT-11	Kiambu	Githunguri	Githunguri	25
			<b>Total KIA-5</b>	<b>25</b>

LOT ID KIA-6	County	Sub-county	Ward	Volume
AT-12	Kiambu	Githunguri	Ikunu	18
			<b>Total KIA-6</b>	<b>18</b>

LOT ID KIA-7	County	Sub-county	Ward	Volume
AT-14	Kiambu	Githunguri	Ngewa	11
AT-15	Kiambu	Githunguri	---	3
			<b>Total KIA-7</b>	<b>14</b>

LOT ID KIA-8	County	Sub-county	Ward	Volume
AT-16	Kiambu	Juja	Juja	2
AT-17	Kiambu	Juja	Kalimoni	4
AT-18	Kiambu	Juja	Murera	3
AT-19	Kiambu	Juja	Theta	3
AT-20	Kiambu	Juja	Witeithi	1
			<b>Total KIA-8</b>	<b>13</b>

LOT ID KIA-9	County	Sub-county	Ward	Volume
AT-21	Kiambu	Kabete	Gitaru	7
AT-23	Kiambu	Kabete	Muguga	7
			<b>Total KIA-9</b>	<b>14</b>

LOT ID KIA-10	County	Sub-county	Ward	Volume
AT-22	Kiambu	Kabete	Kabete	8
AT-24	Kiambu	Kabete	Nyadhuna	2
AT-25	Kiambu	Kabete	Uthiru	1
AT-26	Kiambu	Kabete	---	1
			<b>Total KIA-10</b>	<b>12</b>

LOT ID KIA-11	County	Sub-county	Ward	Volume
AT-27	Kiambu	Kiambaa	Cianda	4
AT-28	Kiambu	Kiambaa	Karuri	11
AT-29	Kiambu	Kiambaa	Kihara	10

			<b>Total KIA-11</b>	<b>25</b>
<b>LOT ID KIA-12</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-30</b>	Kiambu	Kiambaa	Muchatha	5
<b>AT-31</b>	Kiambu	Kiambaa	Ndereru	14
			<b>Total KIA-12</b>	<b>19</b>
<b>LOT ID KIA-13</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-33</b>	Kiambu	Kiambu	Kiambu Township	16
			<b>Total KIA-13</b>	<b>16</b>
<b>LOT ID KIA-14</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-32</b>	Kiambu	Kiambu	---	1
<b>AT-34</b>	Kiambu	Kiambu	Ndumberi	14
			<b>Total KIA-14</b>	<b>15</b>
<b>LOT ID KIA-15</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-35</b>	Kiambu	Kiambu	Riabai	6
<b>AT-36</b>	Kiambu	Kiambu	Ting'ang'a	8
			<b>Total KIA-15</b>	<b>14</b>
<b>LOT ID KIA-16</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-37</b>	Kiambu	Kikuyu	---	1
<b>AT-38</b>	Kiambu	Kikuyu	Karai	11
			<b>Total KIA-16</b>	<b>12</b>
<b>LOT ID KIA-17</b>	<b>County</b>	<b>Sub-county</b>	<b>Ward</b>	<b>Volume</b>
<b>AT-39</b>	Kiambu	Kikuyu	Kikuyu	16
			<b>Total KIA-17</b>	<b>16</b>

LOT ID KIA-18	County	Sub-county	Ward	Volume
AT-40	Kiambu	Kikuyu	Kinoo	2
AT-41	Kiambu	Kikuyu	Nachu	3
AT-42	Kiambu	Kikuyu	Sigora	7
			<b>Total KIA-18</b>	<b>12</b>

LOT ID KIA-19	County	Sub-county	Ward	Volume
AT-40	Kiambu	Lari	Kiamburu	9
AT-41	Kiambu	Lari	Kijabe	9
			<b>Total KIA-19</b>	<b>18</b>

LOT ID KIA-20	County	Sub-county	Ward	Volume
AT-45	Kiambu	Lari	Kinale	12
AT-47	Kiambu	Lari	Nyanduma	1
			<b>Total KIA-20</b>	<b>13</b>

LOT ID KIA-21	County	Sub-county	Ward	Volume
AT-46	Kiambu	Lari	Lari-Kirenga	24
			<b>Total KIA-21</b>	<b>24</b>

LOT ID KIA-22	County	Sub-county	Ward	Volume
AT-48	Kiambu	Limuru	Bibirioni	6
AT-50	Kiambu	Limuru	Limuru East	3
AT-52	Kiambu	Limuru	Ngecha_Tigoni	6
			<b>Total KIA-22</b>	<b>15</b>

LOT ID KIA-23	County	Sub-county	Ward	Volume
AT-49	Kiambu	Limuru	Limuru Central	26
			<b>Total KIA-23</b>	<b>26</b>

LOT ID KIA-24	County	Sub-county	Ward	Volume
AT-51	Kiambu	Limuru	Ndeiya	12
AT-52	Kiambu	Limuru	Tigoni	6
			<b>Total KIA-24</b>	<b>18</b>

LOT ID KIA-25	County	Sub-county	Ward	Volume
AT-53	Kiambu	Riuru	Biashara	1
AT-54	Kiambu	Riuru	Gatongora	2
AT-55	Kiambu	Riuru	Gitothua	11
AT-56	Kiambu	Riuru	Kahawa-Sukari	3
AT-57	Kiambu	Riuru	Kiuu	1
AT-58	Kiambu	Riuru	Mwihoko	1
AT-59	Kiambu	Riuru	---	1
			<b>Total KIA-25</b>	<b>20</b>

LOT ID KIA-26	County	Sub-county	Ward	Volume
AT-60	Kiambu	Thika	Gatuanyaga	2
AT-61	Kiambu	Thika	Kamenu	2
AT-62	Kiambu	Thika	Ngoliba	7
AT-63	Kiambu	Thika	Thika Township	10
			<b>Total KIA-26</b>	<b>21</b>