

**PRIVATE AGRICULTURAL SECTOR SUPPORT TRUST  
(PASS)**

**AGRIBUSINESS INNOVATION CENTRE**

CONSTRUCTION OF SCREENHOUSES AT AIC SUA  
QUOTATION DOCUMENT

FOR

SUPPLY OF VARIOUS WATER SYSTEM MATERIALS

MANAGING DIRECTOR  
PASS TRUST,  
P.O.BOX 9490,  
DAR ES SALAAM.  
SEPTEMBER, 2020

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## SECTION I: INVITATION FOR QUOTATIONS

### INVITATION FOR QUOTATIONS

For

### SUPPLY OF VARIOUS WATER SYSTEM MATERIALS

To:

Date: 10/05/2020

.....  
.....  
.....

1. PASS TRUST has allocated a budget to cover various payments for Supervision and Construction of Screenhouses at SUA- Morogoro.
2. You are hereby invited to submit your price quotation for supply of materials as described in the Bills of Quantities (BoQs) as shown in **Section II**.
3. All quotations in one original plus one copy, properly filled in, and enclosed in plain envelopes marked “**The Quotation (Quotation) identification number and its descriptions**” which must be delivered to the address of;

Managing Director,  
PASS Trust,  
P. O. Box 9490,  
Dar Es Salaam,  
E-mail: [md@pass.or.tz](mailto:md@pass.or.tz)

4. The deadline for submission of quotations is 9<sup>th</sup> October, 2020 at 10:00 hours. Quotations will be opened promptly and evaluated.
5. Late quotations, portion of quotations, quotations not received, shall not be accepted for evaluation irrespective of the circumstances.

.....  
Managing Director,  
PASS Trust,  
Dar es Salaam,

## SECTION II: BILL OF QUANTITIES (BOQs) FOR SUPPLY OF VARIOUS WATER SYSTEM MATERIALS

### VARIOUS WATER SYSTEM MATERIALS

#### LOT I – PUMP SUPPLIES

SN	ITEM	DESCRIPTION	UNIT	QTY	RATE (TZS)	AMOUNT (TZS)
1	<b>SOLAR WATER PUMP FROM DAM TO RESERVOIR</b>	Construct of Chain Links with Barbed wire Fence i.e. 2m height to protect the solar panels	Ls	1		
		Supply and install of <b>floating submersible water pump</b> , (Q=400m <sup>3</sup> /day, H=20m, sanction head 10m) including control panel.	pc	1		
		Supply and installation of pump outlet pipes and fitting to about 30m long	ls	1		
<b>PART B: PUMP AND PUMP HOUSE AT THE RESERVOIR</b>						
2	<b>PUMP &amp; PUMP HOUSE, LIFTING WATER FROM RESERVOIR TO DISTRIBUTION POINTS</b>	Construct pump house as per drawing excluding fence	Ls	1		
		Construct of Chain Links with Barbed wire Fence i.e. 2.5m height	Ls	1		
		Connection of Electrical Supply to Grid system to the pumps including Transformer of 100KVA (if necessary)	Ls	1		
		Supply and install of surface Water pump (centrifugal pumps), (Q=54m <sup>3</sup> /h, H=20m, sanction head 5m-8m) including control panel.	pc	2		
		Installation of inlet pipe from the reservoir and outlet pipe from the pumps (to about 30m) as per drawings	ls	1		

#### LOT II – PIPES AND FITTINGS

SN	ITEM	DESCRIPTION	UNIT	QTY	RATE (TZS)	AMOUNT (TZS)
	Main pipe from Dam to Reservoir	110mm Nominal diameter UPVC flanged Class C pipeline from the dam to the reservoir.	pc	150		
	Main pipe from Reservoir to the Field	150mm (6") Nominal diameter UPVC Class C pipeline	pc	125		
	water pipe for distribution for open field and proposed greenhouse	110mm Nominal diameter, PVC pipe class C	pc	120		
	Water distribution pipe to the existing greenhouse	Poly pipe 2" Class B, 150m roll	roll	5		

<b>Supply of fittings for water supply, manufactured in accordance with ISO 4427:1996. ALL FITTINGS SHALL BE PN16</b>					
1	<b>MAIN WATER SUPPLY FITTINGS</b>	Non-return valve 6"	pc	1	
		Cast iron Sluice valve 6"	pc	3	
		Steel made Equal Tee 6"× 6" × 6"	pc	1	
		Rubber gasket 6"	pc	30	
		PVC Adapter Flange 6"	pc	20	
		Clamp saddle 4"×1"	pc	2	
		Clamp saddle 6"×1"	pc	3	
		GS Nipple 1"	pc	8	
		Gate valve 1" (Pex brand)	pc	5	
		Cast Iron Flanged bend 6" (45°)	pc	1	
		Cast Iron Flanged bend 6" (90°)	pc	1	
		Bolt and nut 5/8 (full thread)	pc	300	
		Air valve 1"	pc	5	
		2	<b>SUPPLY PIPES AND FITTINGS FROM JUNCTION TO THE DISTRIBUTION POINTS (OPEN FIELD &amp; PROPOSED SCREENHOUSE)</b>	Cast Iron Tee 6" × 4"	pc
Slice valve 4"	pc			5	-
PVC Adapter Flange 4"	pc			10	-
Rubber gasket 4"	pc			18	-
blind flange 4"	pc			5	-
-	-	-	-	<b>1 unit</b>	<b>50 units</b>
3	<b>SUPPLY PIPES AND FITTINGS FROM JUNCTION TO THE TANKS (SCREEN HOUSE )</b>	Polly pipe 1", roll 150m , class B	roll	4	
		Male Connector 1"	Pc	1	50
		Clamp saddle 4" □ 1"	Pc	1	50
		IPS plug 1"	Pc	1	50
		Elbow polypipe 1"	Pc	1	50
		IPS Socket	Pc	4	200
-	<b>RAIN WATER COLLECTION FROM THE GUTTER</b>				
1	Down pipe	PVC pipe class B , 3 inch	pc	1	50
	Fittings	PVC elbow , 3 inch	pc	2	100
	Glue	PVC Glue (Tangit ) 1kg	pc	1	10
	Funnel	Gutter Funnel , 3 Inch outlet	pc	1	50
2	<b>SUPPLY FITTINGS TO CONNECT MAIN PIPE TO THE DISTRIBUTION PIPES FOR EXISTING SCREENHOUSE</b>	Clamp saddle 6"×2"	pc	5	
		Nipple 2"	pc	5	
		Gate valve 2"	pc	5	
		Male connector 2"	pc	10	
		Gs socket 5"	pc	5	
		Gs plug 2"	pc	5	
		Coupling 2"	pc	5	
		Clamp saddle 2" X 3/4" PN 16	pc	55	
		Male Connector 3/4"	Pc	50	

## LOT III- RESERVIOR & TRENCHING

SN	ITEM	DESCRIPTION	UNIT	QTY	RATE (TZS)	AMOUNT (TZS)
1	Excavation	Excavation of the targeted area to the required standards , according to the drawings	cum	1904		
2	Dam Liner	Supply and installation of Dam liner , 1mm thickness , High density polyetheylene (HDPE), 40mx25m	sqm	1000		
3	Inlet and Outlet	Construction of inlet and outlet chamber, supporting structure for pipes as per detailed drawing	ls	1		
4	Fence	Fencing the reserviour , 2m high , 50mx40m	ls	1		
5	<b>PIPE WORK AND INSTALLATION, FROM THE DAM TO RESERVIOR</b>	Excavation of trench depth not less than 1m depth and 0.5m wide for 150mm main pipe	m	950		
		Laying and installation of pipes and fittings	m	950		
		Backfilling of trench using S2 material as per specification	m	950		
6	<b>PIPE WORK AND INSTALLATION, FOR EXISTING SCREENHOUSE &amp; OPEN FIELD PLOT</b>	Excavation of trench depth not less than 0.6m depth and 0.5m wide for 110mm pipes	m	700		
		Laying and installation of pipes and fittings	m	700		
		Backfilling of trench using S2 material as per specification	m	700		
7	<b>PIPE WORK AND INSTALLATION, EXISTING SCREENHOUSE &amp; OPEN FIELD</b>	Excavation of trench depth not less than 0.6m depth and 0.5m wide for 50mm pipes	m	1150		
		Laying and installation of pipes and fittings	m	1150		
		Backfilling of trench using S2 material as per specification	m	1150		

### PUMP HOUSE

SN	ITEM	UNIT	QTY	RATE (TZS)	AMOUNT (TZS)
1	Sand cement Blocks 6"	pcs	460		
2	Cement , 32.5R	bags	30		
3	Sand	trips	4		
4	Course Aggregates	trips	2		
5	Morum	trip	1		
6	Reinforcement bars 12mm	pcs	6		
7	Ring wire 6mm	rolls	2		
8	Binding wire	kg	1		
9	Galvanized wire	kg	1		
10	Nails	kg	13		
11	PVC pipe 4" Class C	pcs	3		
12	Props (mirunda)	pcs	5		
13	Timber 2"x4"	pcs	40		
14	Corrugated Iron Sheet 28G, 2.5m	pcs	11		

15	Ridge cap	pcs	2			
16	Materials Cost					
17	Labour Charge					

## LOT IV – IRRIGATION

SN	ITEM	DESCRIPTION	UNIT	QTY	QTY SUM	RATE (TZS)	AMOUNT (TZS)
<b>IRRIGATION MATERIALS FOR 12 OPEN FIELD PLOTS</b>							
1	Dripline	0.4mm thick, 30cm spacing, 1000m roll, 1.5lph-3lph	pc	2	24		
2	Dripline connectors	Rubber, first, start, end cap connectors	set	50	600		
3	Blind pipe	Pre irrigation pipe, 1mm thick, 500m roll	roll	1	12		
4	Filter	Water filter, Disc 130mesh, 120 microns, 1.5" diameter	pc	1	12		
<b>IRRIGATION MATERIALS FOR PROPOSED SCREENHOUSE</b>							
				<b>1 unit</b>	<b>50 units</b>		
1	Dripline	drip irrigation pipe, 0.4mm, 16mm, 1bar, 30cm spacing, 2lph-3lph	m	360	18,000	-	
2	Set of connectors	Set of connectors, rubber (White), start, end cap, both with 16mm	set	14	700	-	
3	Blind pipe	16mm, 1mm thickness	m	15	750	-	
4	Mini Valve	Control valve 16mm, plain	Pc	1	50	-	
5	Filter	Disc filter, 130micron mesh, 1"	pc	1	50	-	

## SECTION III: INSTRUCTIONS TO SUPPLIERS

The site will be at AIC – SUA Morogoro and materials should be delivered within or before Five (5) calendar Days effectively after the date of signing the contract.

1. The Supplier shall attach the following documents to its quotation;
  - 2.1 A duly completed and signed & stamped price offer as per the Bill of Quantities (BoQ).
2. Payments will be made in Tanzania Shillings (Tshs.).
3. Quotations shall remain valid for a period of not less than 20 days after the deadline for submission.
4. Alternative quotations are not applicable.
5. The Procuring Entity will award the contract to the Supplier whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
6. Notwithstanding the above, the Procuring Entity reserves the right to accept any quotations and reject all quotations at any time prior to the award of contract.
7. The Supplier whose Quotation is accepted will be notified for the award of contract by the Procuring Entity prior to expiration of the quotation validity period.



## SECTION IV: GENERAL CONDITIONS OF CONTRACT

### GENERAL

#### Clause 1: Contract Documents

The Conditions of Contract and the Specifications form an integral part of the Contract Documents and they are to be read in conjunction with all other documents forming the Contract.

#### Clause 2: Definitions

In these Conditions of Contract the following expressions shall have the meanings assigned to them as hereunder:

##### Employer

Managing Director,  
PASS Trust,  
P. O. Box 9490,  
Dar Es Salaam,  
E-mail: [md@pass.or.tz](mailto:md@pass.or.tz).

**Engineer** means the person appointed by the Employer, who is responsible for supervision of the Works and administering the Contract

**Supplier** means the person or persons or firm whose Quotation has been accepted by the Employer.

**Works** means the works to be executed in accordance with the contract.

#### Clause 3: Instructions

Instructions given by the Engineer shall be in writing or in electronic forms that provide record of the content of communication. If for any reason such instruction is given orally the Supplier shall comply with such instruction.

## GENERAL OBLIGATIONS

**Clause 4: Execution of Works.**

The Supplier shall supply all items including transport, materials and whatever is required for the completion of the works in accordance with the requirements of the contract documents, and such additional instructions as may be issued from time to time.

**Clause 5: Sub-contracting.**

The Supplier shall not sub-contract the whole or part of the work under this contract without prior written approval of the Employer.

**Clause 6: Supervision of Works by Supplier.**

The Supplier shall execute the works with due diligence and comply with the standard of performance required by the Engineer so as to meet the specific requirements of quality, quantity and time frame.

**Clause 7: Inspection.**

The Engineer or his authorized representative has the right to inspect the works and the Supplier shall provide reasonable assistance for the same as and when required by the Engineer.

**Clause 8: Rejected Works.**

Works not in compliance with the requirements of the contract will be rejected. On the instruction of the Engineer, the Supplier shall at his own cost repair or correct or re-execute such rejected work to the full satisfaction of the Engineer.

**Clause 9: Quality of Materials and Workmanship**

All materials and workmanship shall be of the respective kind and quality as provided for in the contract and in accordance with the Engineer's instructions.

**Clause 10: Commencement and Completion of Work.**

The Supplier shall commence and complete the works within the time specified in the Contract Data or within an extended contract period if such extended time is allowed by the Employer.

## PAYMENTS

### **Clause 11: Quantities**

The quantities set out in the Bill of Quantities are the estimated quantities for the works and they are not to be taken as the actual and correct quantities to be executed by the Supplier.

### **Clause 12: Termination of Contract**

16.1 If the Supplier fails to commence the works within the specified time or there are reasons to believe that he may not complete the works within the specified time or there are delays beyond the completion date or he fails to comply with any one of the contract conditions or he pays no attention to the instructions issued by the Engineer or he becomes bankrupt, the Employer shall be entitled to terminate the contract and engage a new Supplier to carry out the works.

28.2 If the Employer fails to pay the Supplier within 60 days of the date of the Engineer's certificate, the Supplier may terminate the contract

## SECTION V:

### FORM OF AGREEMENT

This Agreement, made the..... *[date]* day of ..... *[month]*, 20..... *[year]* between.....  
 .... *[name and address of Employer]* (hereinafter called “the Employer”) on the one part and.....*[name and address of Supplier]* (hereinafter called “the Supplier”) on the other part.

Whereas the Employer is desirous that certain works should be carried out, viz:

.....  
*[name of the project]* located at .....and has by the letter of Acceptance Ref. No. ....dated .....accepted a Quotation by the Supplier for execution, and completion of such Works.

#### **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 and;
3. All the aforesaid documents are hereinafter referred to as ‘the Contract’ and shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies shall take precedence in the order set out above.
4. In consideration of the payments to be made by the Employer to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Employer to execute and complete the works in conformity, in all respects, with the provisions of the Contract.
5. The Employer hereby covenants to pay the Supplier in consideration of the execution and completion of the works, the sum of Tanzanian Shillings .....  
 .....*[amount in words]*  
 (.....*[amount in figures]*), hereinafter referred to as the “Contract Price”, at the times and in the manner prescribed by the Contract.

IN WITNESS where of, the parties hereto have set their hands and seals on the day and year first above written.

**SIGNED FOR AND ON BEHALF  
OF THE EMPLOYER**

**In the presence of**

.....  
**Signature**

.....  
**Signature**

.....  
(Name)

.....  
(Name)

.....  
(Occupation)

.....  
(Occupation)

**ON BEHALF OF THE SUPPLIER:**

**In the presence of**

.....  
**Signature**

.....  
**Signature**

.....  
(Name)

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(Name)

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