



**Government of Nepal
Ministry of Population and Environment
Alternative Energy Promotion Centre
Khumaltar Height, Lalitpur Post Box No: 14364
Tel: 9771-5539390/5539391**

**Price Survey Form
for
Preparation of Reference Price List for Solar Pumping Irrigation System**

Note:

1. The reference price list format is based on approximate head and discharge. Companies can propose different head and discharge falling under that category as per their product availability.
2. There are 35 different categories of solar pumping irrigation system in this price survey form. Companies are requested to fill as much category possible based on the availability their product.
3. Companies are requested to sign and stamp each page of the form.
4. Companies are requested to submit the price survey form sealed and addressing subject as “Price Survey Form for Preparation of Reference Price List for Solar Pumping Irrigation System” to AEPC within deadline.
5. Deadline for submitting the form is 08 February 2017, 3:00 PM at AEPC, Khumaltar registration Desk.
6. This price survey will be used to set the reference price only.

July 2017

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 10 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 10 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 10 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 10 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 10 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
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2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 20 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 20 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
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1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
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2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 20 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
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1.4	AC /DC Water Pump (Submersible/Surface)							
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1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 20 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
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1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
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2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 20 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
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1.7	Remote Monitoring System (RMS)							
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1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 30 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 30 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 30 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 30 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 30 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 50 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 50 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 50 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 50 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
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2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 50 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price	Vat 13%	Total Unit Price	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Check valve (Check valve with connector)							
1.9	Other accessories (MC4 connector, pump cable connector)							
1.10	Water Flow Meter (Discharge)							
2. Civil Structure								
2.1	Construction of Intake/tube well / boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
3	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 70 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC/DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Water Flow Meter (Discharge)							
1.9	Check valve (Check valve with connector)							
1.10	Other accessories (MC4 connector, pump cable connector)							
2. Civil Structure								
2.1	Construction of Intake / tube well /boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Construction of pillars for pipeline to distribution point							
3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 70 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
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1.8	Water Flow Meter (Discharge)							
1.9	Check valve (Check valve with connector)							
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2. Civil Structure								
2.1	Construction of Intake / tube well /boring							
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2.3	Construction of pillars for pipeline to distribution point							
3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 70 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
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2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 70 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
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2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 70 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
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2.2	Sand Trap(Not applicable for tube well and boring)							
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3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 100 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 100 meter for irrigation purpose.

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Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 100meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 100 meter** for irrigation purpose.

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2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 100 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
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2.1	Construction of Intake / tube well /boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Construction of pillars for pipeline to distribution point							
3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 10,000 lit per day at up to vertical head of 200 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Water Flow Meter (Discharge)							
1.9	Check valve (Check valve with connector)							
1.10	Other accessories (MC4 connector, pump cable connector)							
2. Civil Structure								
2.1	Construction of Intake / tube well /boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Construction of pillars for pipeline to distribution point							
3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 25,000 lit per day at up to vertical head of 200 meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
1.2	PV Cables (2.5mm ² , 20m)							
1.3	Pump Inverter							
1.4	AC /DC Water Pump (Submersible/Surface)							
1.5	Pump Cables (3*1.5mm ² , 100m)							
1.6	Pump Pipe (Water pipe inch)							
1.7	Remote Monitoring System (RMS)							
1.8	Water Flow Meter (Discharge)							
1.9	Check valve (Check valve with connector)							
1.10	Other accessories (MC4 connector, pump cable connector)							
2. Civil Structure								
2.1	Construction of Intake / tube well /boring							
2.2	Sand Trap(Not applicable for tube well and boring)							
2.3	Construction of pillars for pipeline to distribution point							
3	Cost of irrigation system (Drip / Sprinkle /flooded ...)							
2.5	Transportation	State 1	State 2	State 3	State 4	State 5	State 6	State 7
Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate 50,000 lit per day at up to vertical head of 200meter for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

SN	Component	Size	Quantity	Unit price (UP)	Vat 13%	Total (UP)	Total Price	
1. Electro Mechanical Component								
1.1	Solar PV panel & Mounting Structure							
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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **100,000 lit per day** at up to **vertical head of 200 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

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Total								

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Preparation of Reference Price List for Solar Irrigation System

Price List for pumping approximate **400,000 lit per day** at up to **vertical head of 200 meter** for irrigation purpose.

Please fill the discharge and head as well as proposed land area for which you are proposing the system:

Guaranteed Discharge:liter per day Net Vertical Head:meter Land Area

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Total								

