

Bill 1: Mahbas Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 150 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 120 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 120 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Fencing				
6.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
7	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
7.1	Total capacity: 50 kWh	1	nos		
8	Transportation to the site	1	LS		
9	Installation, configuration and testing, commissioning and users' training	1	LS		
10	One-year warranty and after sales services	1	LS		
11	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 1					

Bill 2: Fazal Kandahari Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 120 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 96 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 96 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Solar Water Pump, 26 kW				
6.1	Solar Water Pump, Submersible or surface as per the site condition, a Maximum Power Input = 26 kW incl. Controller, Junction Boxes, Protection Gear, Grounding Rod, Cabling and all other equipment rendering the system Fit-for-Purpose	1	set		
7	Fencing				
7.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
8	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
8.1	Total capacity: 40 kWh	1	nos		
9	Transportation to the site	1	LS		
10	Installation, configuration and testing, commissioning and users' training	1	LS		
11	One-year warranty and after sales services	1	LS		
12	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 2					

Bill 3: Dand Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 120 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 96 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 96 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Fencing				
6.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
7	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
7.1	Total capacity: 40 kWh	1	nos		
8	Transportation to the site	1	LS		
9	Installation, configuration and testing, commissioning and users' training	1	LS		
10	One-year warranty and after sales services	1	LS		
11	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 3					

Bill 4: Sre Miyasht Clinic Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 120 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 96 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 96 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Solar Water Pump, 26 kW				
6.1	Solar Water Pump, Submersible or surface as per the site condition, a Maximum Power Input = 26 kW incl. Controller, Junction Boxes, Protection Gear, Grounding Rod, Cabling and all other equipment rendering the system Fit-for-Purpose	1	set		
7	Fencing				
7.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
8	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
8.1	Total capacity: 40 kWh	1	nos		
9	Transportation to the site	1	LS		
10	Installation, configuration and testing, commissioning and users' training	1	LS		
11	One-year warranty and after sales services	1	LS		
12	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 4					

Bill 5: Sharekat Maiva Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 150 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 120 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 96 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Solar Water Pump, 60 kW				
6.1	Solar Water Pump, Submersible or surface as per the site condition, a Maximum Power Input = 60 kW incl. Controller, Junction Boxes, Protection Gear, Grounding Rod, Cabling and all other equipment rendering the system Fit-for-Purpose	1	set		
7	Fencing				
7.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
8	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
8.1	Total capacity: 50 kWh	1	nos		
9	Transportation to the site	1	LS		
10	Installation, configuration and testing, commissioning and users' training	1	LS		
11	One-year warranty and after sales services	1	LS		
12	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 5					

Bill 6: Ansari Maina Wellsite

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 120 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 96 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 96 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Fencing				
6.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
7	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
7.1	Total capacity: 40 kWh	1	nos		
8	Transportation to the site	1	LS		
9	Installation, configuration and testing, commissioning and users' training	1	LS		
10	One-year warranty and after sales services	1	LS		
11	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 6					

Bill 7: Central Pump Station

Item	Description	Qty	Unit	Unit Price USD	Amount USD
1.0	PV Modules: PV Modules; mono- or polycrystalline cells ; minimum capacity 300 Wp per module; including all cables, junction boxes, installation material, accessoires, fixing material and fittings				
0.1	Total capacity: 230 kW	1	nos		
1.2	Module mounting supports, including all installation and fixing material and fittings; number acc. to selected design	1	set		
1.3	support foundation out of r/f concrete according to design, soil properties and load requirements	1	set		
2	Solar Inverter: Solar Inverter of 185 kW	1.00	nos		
3.0	Bi-directional Battery Inverter, Charge controller, Grid Manager of 185 kW capacity.	1.00	nos		
4	Battery Fuseboxes				
4.1	Battery fuseboxes of appropriate sizes; number according to selected battery type/series, one for each battery string, including fuses of different sizes, fuse keys, installation material and fittings, all required tools and parts	1	set		
5	Earthing and Lightning Protection				
5.1	Earthing and Lightning Protection for the entire power system; connection of metallic parts to the central earth; erection of sufficient lightning protection as per final design	1	set		
6	Solar Water Pump, 2 x 60 kW				
6.1	Solar Water Pump, Submersible or surface as per the site condition, a Maximum Power Input = 60 kW incl. Controller, Junction Boxes, Protection Gear, Grounding Rod, Cabling and all other equipment rendering the system Fit-for-Purpose	2	set		
7	Fencing				
7.1	Installation of metal fence around the Modul array including metal door and all installation and fitting material	1	set		
8	Batteries: OPzV or AGM type lead acid batteries, cell voltage 2 V or appropriate voltage, maintenance free, minimum lifetime 7 years; together with all cables, installation and fitting material and accessoires, fixed on suitable standardized battery stands (if required); including battery current shunt to measure battery current, temperature sensors, fans for battery room with electronic switchingetc.				
8.1	Total capacity: 85 kWh	1	nos		
9	Transportation to the site	1	LS		
10	Installation, configuration and testing, commissioning and users' training	1	LS		
11	One-year warranty and after sales services	1	LS		
12	Measurement and verification of project site data	1	LS		
Sub Total of Bill NO. 7					