

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES  
UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai  
Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund ,  
District Bajaur**

**Contract Package : BJ-SW-R-01**

**SUMMARY OF COST**

<b>Sr.No</b>	<b>Name of Scheme</b>	<b>Amount (Rs.)</b>
1	DWSS Shinkotai Mamund	
2	DWSS Pekhaoro Nawagai 1	
3	DWSS Lagharai Mamund	
4	DWSS Chargorai Salarzai	
5	DWSS Tarkho Mamund	
6	E&S Compliance	
	<b>Total Cost (Rs.)</b>	

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Shinkotai Mamund )**

**BILL OF QUANTITIES**

**Sr No.1. UP GRADATION OF SOLAR SYSTEM**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
1	24-90-d	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge less than or equal to 3000 iGPH and output capacity greater than 6 WHP and upto 10 WHP (As per Approved Technical Specifications)	WHP	9.10			
2	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	Watt	10030.00			
3	26-01-i-03-c	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 15 KW	No	1.00			
4	24-50-c-01	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 4x10 mm <sup>2</sup>	Meter	101.60			
5	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	KG	321.00			
6	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Meter	180.00			
7	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cum	1.08			
8	24-56-c	Supply and Fixing MS Column pipe with flanges for sub,erssible pump : 2.5" ( 63 mm) Nominal Pipe Size (NPS), 3/16" thick, 10' length	Meter	121.95			
9	26-02-a-11	Supply and Installation of DC Circuit breaker 2P - MCB Type	No	1			
<b>Sub Total Rs.</b>							
<b>Add 8% Area Factor</b>							
<b>Grand Total Rs.</b>							

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargarai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Pekhaoro Nawagai 1 )**

**BILL OF QUANTITIES**

**SOLAR PUMPING MACHINERY WITH FIXED STRUCTURE**

**Sr No:2. INSTALLATION OF SOLAR SYSTEM FOR BOOSTER STATION**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
		<b>Discharge (IGPH)</b>		<b>5800</b>			
		<b>Head feet</b>		<b>600</b>			
		<b>Pump Setting feet</b>		<b>30</b>			
<b>Schedule Items</b>							
<b>Solar Panel with allied accessories</b>							
1	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	watt	43705.00			
2	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	KG	1366.00			
3	26-02-a-11	Supply and Installation of DC Circuit breaker 2P - MCB Type	No	4.00			
4	26-02-a-03	Supply and Installation of AC Circuit Breaker 4P - MCB Type	No	1.00			
5	24-30-a-04	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Meter	91.44			
6	03-09-b	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Hard Soil	m3	12.74			
7	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Meter	360.00			
8	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	CuM	11.47			
<b>Solar Pumping Inverter with allied accessories</b>							
9	26-01-i-03-g	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 30 KW	No	1.00			
<b>Solar Pumping Machinery with allied accessories</b>							
10	24-91-f	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge greater than 3000 iGPH and output capacity greater than 15 WHP and upto 20 WHP (As per Approved Technical Specifications)	WHP	17.58			
11	24-56-c	Supply and Fixing MS Column pipe with flanges for sub,erssible pump : 2.5" ( 63 mm) Nominal Pipe Size (NPS), 3/16" thick, 10' length	Meter	12.20			
12	24-50-c-01	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 4x10 mm <sup>2</sup>	Meter	12.20			
13	24-30-b-01	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (20mm dia) PN-10	Meter	15.24			
14	14-176	Providing and fixing sluice valve of BSS quality (BS 5163) and weight Class 'B' for Cast Iron & AC pipe line (including cost of jointing material):- a) 2.5" (763 mm) dia of Valve	Each	2.00			
<b>Solar Lightening System</b>							
15	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade with 25 Years Power Output Warranty Lates IEC 2016 Codes, (per Watt) (As per Approved Specifications)	Watt	600.00			
16	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	Per Watt	600.00			
17	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	Watt	600.00			

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargarai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Pekhaoro Nawagai 1 )**

**BILL OF QUANTITIES**

**SOLAR PUMPING MACHINERY WITH FIXED STRUCTURE**

**Sr No:2. INSTALLATION OF SOLAR SYSTEM FOR BOOSTER STATION**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
18	26-01-e-12	Supply and Installation of SOLAR MPPT CHARGE CONTROLLER (FOR SOLAR DC SYSTEM, 45A (12V/24V)	No	1.00			
19	26-01-g-01	Supply and Erection 1x2.5 sq.mm flexible copper cable	Meter	54.86			
20	26-01-b-01	Supply and Erection PVC flexible pipe : 1" i/d	Meter	7.62			
21	26-01-l-02	Supply and Erection of DC CEILING FANS 48 inch 30-36 W	No	1.00			
22	26-01-f-07	Supply and Erection Lithium LiFeP04 battery 100 AH 12V 6000 cycles	No	2.00			
<b>Earthing/Grounding with Allied Accesories</b>							
23	26-02-e-01	Supply and Installation of Copper Rod/ Plate with copper clamps	KG	3.00			
24	26-02-e-02	Supply and Installation of Earthing Chemical	KG	14.00			
25	26-02-b-07	Supply and Installation of DC surge protection device 2P 1000VDC, In = 20kA & I <sub>max</sub> = 40kA	No	4.00			
26	26-01-n-01	Supply and Erection of Copper Conductor of 10 AWG	meter	45.00			
27	03-09-b	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Hard Soil	m3	1.36			
<b>UP GRADATION OF EXISTING SOLAR SYSTEM FOR NEW BOREHOLE</b>							
<b>Schedule Items</b>							
28	24-90-d	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge less than or equal to 3000 iGPH and output capacity greater than 6 WHP and upto 10 WHP (As per Approved Technical Specifications)	WHP	9.09			
29	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	Watt	10370.00			
30	26-01-i-03-c	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 15 KW	No	1.00			
31	24-50-c-02	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 4x16 mm <sup>2</sup>	Meter	162.55			
32	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	KG	321.00			
33	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Meter	180.00			
34	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cum	1.08			
35	26-02-a-11	Supply and Installation of DC Circuit breaker 2P - MCB Type	No	1.00			
<b>Total Amount Rs. (S.I)</b>							
<b>Add 8% Area Factor</b>							
<b>Grand Total Amount Rs.</b>							

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur

Contract Package : BJ-SW-R-01 ( Pekhaoro Nawagai 1 )

**BILL OF QUANTITIES**

**SOLAR PUMPING MACHINERY WITH FIXED STRUCTURE**

**Sr No:2. INSTALLATION OF SOLAR SYSTEM FOR BOOSTER STATION**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
<b>Non Schedule Items</b>							
36	NSI	Providing and Fixing of Reflux valves/Non return valve (NRV) of BSS quality (BS 5163) for GI, PVC, MS , HDPE and also for all type of pipes i/c rubber sheet , jointing material complete in all respect 2.5" 63 mm) dia of Valve complete in all respects.	Each	1.00			
37	NSI	Providing and Fixing of MS Bend Pipe along with Top set contain MS pipe for testing and fixing of Psi Guage, 02 Nos Sluice valves & 01 No NRV Valve complete in all respects 2.5 Inch " (63") dia	Each	1.00			
38	NSI	DC Flood Lighting 30W, 12V/24V, IP 65	Job	2.00			
39	NSI	Combiner Box Hot Dipped Galvanized avg 80 Micron 18 SWG 12"x18 " with bus bar for earthing connectivity complete in all respects	Job	1.00			
40	NSI	DC phone charger and 02 Nos LED Lights 10W	Job	1.00			
							<b>Total Amount Rs. (N.S.I)</b>
							<b>Grand Total Amount Rs. (S.I+N.S.I)</b>

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Lagharai Mamund )**

**BILL OF QUANTITIES**

**Sr No: 3. REPAIR OF SOLAR SYSTEM**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
1	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	Watt	8120.00			
2	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	KG	285			
3	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Mtr	180.00			
4	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cum	0.81			
<b>Total Amount Rs. (S.I)</b>							
<b>Add 8% Area Factor</b>							
<b>Grand Total Amount Rs.</b>							

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Chargorai Salarzai )**

**BILL OF QUANTITIES**

**Sr No.4: UP GRADATION OF SOLAR SYSTEM**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
<b>Schedule Items</b>							
1	24-91-d	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge greater than 3000 iGPH and output capacity greater than 6 WHP and upto 10WHP (As per Approved Technical Specifications)	WHP	8.07			
2	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	Watt	8120.00			
3	26-01-i-03-b	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 13 KW	No	1.00			
4	24-50-c-01	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 3x10 mm <sup>2</sup>	Meter	66.00			
5	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design, including Stainless Steel Nuts & Bolts/washers	KG	287.00			
6	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	Meter	180.00			
7	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cum	0.81			
8	24-56-c	Supply and Fixing MS Column pipe with flanges for sub,erssible pump : 2.5" ( 63 mm) Nominal Pipe Size (NPS), 3/16" thick, 10' length	Meter	50.00			
9	26-02-a-11	Supply and Installation of DC Circuit breaker 2P - MCB Type	No	1			
<b>Total Amount Rs. (S.I)</b>							
<b>Add 8% Area Factor</b>							
<b>Grand Total Amount Rs.</b>							

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Tarkho Mamund )**

**BILL OF QUANTITIES**

**SOLAR PUMPING MACHINERY WITH FIXED STRUCTURE**

**Sr No.5: INSTALLATION OF SOLAR SYSTEM**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
		<b>Discharge(IGPH)</b>		<b>4000</b>			
		<b>Head feet</b>		<b>350</b>			
		<b>Pump Setting feet</b>		<b>280</b>			
<b>Schedule Items</b>							
<b>Solar Panel with allied accessories</b>							
1	26-01-d-01	Supply and Erection of A-Grade Solar PV Modules containing N-Type Mono-crystalline silicon A-Grade solar cells, As per approved specifications.	watt	17582.00			
2	26-01-m-01	Supply & Erection of elevated structure of hot dipped (80 microns Average) G.I Sheet Channel, angle as per design. including Stainless Steel Nuts & Bolts/washers	KG	570.00			
3	26-02-a-11	Supply and Installation of DC Circuit breaker 2P - MCB Type	No	2.00			
4	26-02-a-03	Supply and Installation of AC Circuit Breaker 4P - MCB Type	No	1.00			
5	24-30-a-04	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (75 mm dia) PN-8	Meter	60.96			
6	03-09-b	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Hard Soil	m3	12.74			
7	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheath)	Meter	180.00			
8	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cum	4.59			
<b>Solar Pumping Inverter with allied accessories</b>							
9	26-01-i-03-b	Supply and Erection of 3 phase 380V Solar Pump inverter (MPPT) 13 KW	No	1.00			
10	26-01-j-01	Supply and Erection of dV /dT or Sine Filters 11 KW to 18.5 KW	No	1.00			
<b>Solar Pumping Machinery with allied accessories</b>							
11	24-91-d	Supply & Installation, testing and commissioning of Submersible Pump (ISO - 9906 Certified) coupled with Submersible rewind-able Electric Motor with AC winding for discharge greater than 3000 iGPH and output capacity greater than 6 WHP and upto 10 WHP (As per Approved Technical Specifications)	WHP	7.07			
12	24-56-c	Supply and Fixing MS Column pipe with flanges for sub,erssible pump : 2.5" ( 63 mm) Nominal Pipe Size (NPS), 3/16" thick, 10' length	Meter	88.41			
13	24-50-c-01	Supply and installation of Submersible Flat Cable made of 99.9% copper, coated with double PVC as per BSS Standards, 4x10 mm2	Meter	113.82			
14	24-30-b-01	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (20mm dia) PN-10	Meter	91.44			
15	14-176	Providing and fixing sluice valve of BSS quality (BS 5163) and weight Class 'B' for Cast Iron & AC pipe line (including cost of jointing material):- a) 2.5" (75 mm) dia of Valve	Each	2.00			
<b>Solar Lightening System</b>							
16	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade with 25 Years Power Output Warranty Lates IEC 2016 Codes, (per Watt) (As per Approved Specifications)	Watt	600.00			

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargarai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01 ( Tarkho Mamund )**

**BILL OF QUANTITIES**

**SOLAR PUMPING MACHINERY WITH FIXED STRUCTURE**

**Sr No.5: INSTALLATION OF SOLAR SYSTEM**

S.No	MRS 2025 B-I	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
					In Figure	In Words	
17	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	Per Watt	36.00			
18	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	Watt	600.00			
19	26-01-e-12	Supply and Installation of SOLAR MPPT CHARGE CONTROLLER (FOR SOLAR DC SYSTEM, 45A (12V/24V)	No	1.00			
20	26-01-g-01	Supply and Erection 1x2.5 sq.mm flexible copper cable	Meter	54.86			
21	26-01-b-01	Supply and Erection PVC flexible pipe : 1" i/d	Meter	7.62			
22	26-01-l-02	Supply and Erection of DC CEILING FANS 48 inch 30-36 W	No	1.00			
23	26-01-f-07	Supply and Erection Lithium LiFeP04 battery 100 AH 12V 6000 cycles	No	2.00			
<b>Earthing/Grounding with Allied Accesories</b>							
24	26-02-e-01	Supply and Installation of Copper Rod/ Plate with copper clamps	KG	3.00			
25	26-02-e-02	Supply and Installation of Earthing Chemical	KG	14.00			
26	26-02-b-07	Supply and Installation of DC surge protection device 2P 1000VDC, In = 20kA & I <sub>max</sub> = 40kA	No	2.00			
27	26-01-n-01	Supply and Erection of Copper Conductor of 10 AWG	meter	45.00			
28	03-09-b	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Hard Soil	m3	1.36			
							<b>Total Amount Rs. (S.I)</b>
							<b>Add 8% Area Factor</b>
							<b>Grand Total Amount Rs.</b>
<b>Non Schedule Items</b>							
29	NSI	Providing and Fixing of Reflux valves/Non return valve (NRV) of BSS quality (BS 5163) for GI, PVC, MS , HDPE and also for all type of pipes i/c rubber sheet , jointing material complete in all respect 2.5" 63 mm) dia of Valve complete in all respects.	Each	1.00			
30	NSI	Providing and Fixing of MS Bend Pipe along with Top set contain MS pipe for testing and fixing of Psi Guage, 02 Nos Sluice valves & 01 No NRV Valve complete in all respects 2.5 Inch " (63") dia	Each	1.00			
31	NSI	DC Flood Lighting 30W, 12V/24V, IP 65	Job	2.00			
32	NSI	Combiner Box Hot Dipped Galvanized avg 80 Micron 18 SWG 12"x18 " with bus bar for earthing connectivity complete in all respects	Job	1.00			
33	NSI	DC phone charger and 02 Nos LED Lights 10W	Job	1.00			
							<b>Total Amount Rs. (N.S.I)</b>
							<b>Grand Total Amount Rs. (S.I+ N.S.I)</b>

**REHABILITATION & SOLARIZATION OF EXISTING DRINKING WATER SUPPLY SCHEMES UNDER KP-RIISP**

**Rehabilitation of Existing Non - Functional Drinking Water Supply Schemes Shinkotai Mamund, Pekhaoro Nawagai 1, Lagharai Mamund, Chargorai Salarzai, Tarkho Mamund , District Bajaur**

**Contract Package : BJ-SW-R-01**

**BILL OF QUANTITIES**

**E&S COMPLIANCE COST**

Sr. No.	Description	Unit	Quantity	Unit Rate (PKRs)		Amount (Rs)
				In Figure	In Words	
1	Provision of green cloth, 4 colour waste bins (240 Liters), safety signages (including Grievance Rederess Mechanism (GRM) details, Emergency contact numbers, PPEs requirements, First Aid / Fire Extinguisher placement, emergency exit etc), warning tape, necessary plastic and tarpulin sheet for covering of construction raw material on site and during transportation to the site	Each Site	5			
2	Handling of solid waste (storage, collection, transportation, utilization, and final disposal of solid wastes)	Each Site	5			
3	DCP Fire extinguishers (6 kg) in case of fire (The material of the cylinder is steel. The extinguishing agent is mono ammonium phosphate and ammonium sulfate powder and the discharge time of the agent is 13 seconds). Including the refilling of used chemical and replacement of expired chemical.	Each Site	5			
4	Fire alarm (Signal Transmission: Wired Alarm, Working Principle: Manual Alarm Button)		1			
5	Ear plugs (corded Reusable silicon Earplugs)	Each	117			
6	Safety Helmets (PE shell with vents Lining; material: Plastic Chin strap included; Adjust head size by ratchet knob)	Each	50			
7	Safety shoes (Renowned brand)	Each	25			
8	Protective goggles (Anti-fog, Anti scratch, Poly-carbonate Scratch and impact resistant, side protection sheet)	Each	25			
9	Gloves (made up of nylon, polyurethane with ironclad) and safety Vest	Each	25			
10	Dust Mask	Each	167			
11	First Aid Kit (pain killers, eyewash solution, antibiotic ointment, thermometer, plasters, sterile gauze dressings, sterile eye dressings, triangular bandages, crepe rolled bandages, safety pins, disposable sterile gloves and tweezers). Including the refilling of the contents and replacement of expired content.	Each site	5			
<b>Total Amount</b>						