

ADDRESS & CONTACT OF CONSULTANT OFFICES

1. **Office of The Team Leader,**
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Rayan Heights, Ghauri Town, Phase 2,
Islamabad Expressway, Islamabad.
Ph. No. 051-8777637, Email: npeca.cameos@gmail.com
2. **Office of The Field Engineer Incharge Punjab**
56-C, Nawab Town, Raiwind Road, Lahore.
Ph. No. 042-35302888, Email: npeca.punjab.lhr@gmail.com
3. **Office of The Field Engineer Incharge KPK**
35-E-2, Canal Road, University Town, Peshawar.
Ph. No. 0348-9645780
4. **Office of Provisional Coordinator Balochistan.**
38-A, Chaman Office Society, Airport Road, Quetta.
Ph. No. 081-2864216
5. **Office of The Field Engineer Incharge AJK.**
Kiyani House, Babu Mohalla, Near Tayyaba Hotel, Muzaffarabad.
Ph. No. 0333-9043650
6. **Office of The Field Engineer Incharge Gilgit Baltistan.**
Wali House Near Board of Revenue Office, Yadgar Chowk, Gilgit.
Ph. No. 0342-5475548

REPORT OF PUNJAB UNDER NPECABA AS ON 31st MARCH

DEPARTMENT	OFWM		SOIL CON		OFWM		SOIL CON		OFWM		OFWM		OFWM		OFWM		TOTAL
ACTIVITY	FARM POND				DUG WELL				SOLAR FP		SOLAR DW		Irrigation Scheme		LASER		
DIVISON	Trg	Ach	Trg	Ach	Trg	Ach	Trg	Ach	Trg	Ach	Trg	Ach	Trg	Ach	Trg	Ach	Ach
RAWALPINDI 2020-21		10		15		3		4		2		3		15		9	61
RAWALPINDI 2021-22		47		33		60		64		33		45		39		9	330
RAWALPINDI 2022-23	27	20	30	27	32	20	30	25	40	6	45	5	54	51	14	7	161
ON GOING										9		9		1			19
TOTAL R/PINDI	27	77	30	75	32	83	30	93	40	50	45	62	54	106	14	25	571
GUJRANWALA 2020-21	0	0	0	0	0	0	0	0	0	0	0	0		11		12	23
GUJRANWALA 2021-22	0	0	0	0	0	0	0	0	0	0	0	0		35		27	62
GUJRANWALA 2022-23	0	0	0	0	0	0	0	0	0	0	0	0	57	49	30	15	64
ON GOING														8			8
TOTAL G/WALA	0	0	0	0	0	0	0	0	0	0	0	0	57	103	30	54	157
TOTAL North Punjab		152				176				50		62		209		79	728
SARGODHA 2020-21		2	0	0	0	0	0	0	0	0	0	0		15		12	29
SARGODHA 2021-22		4	0	0	0	0	0	0	0	0	0	0		42		29	75
SARGODHA 2022-23	6	1	0	0	0	0	0	0	0	0	0	0	51	47	45	0	48
ON GOING														7			7
TOTAL SARGODHA	6	7	0	0	0	0	0	0	0	0	0	0	51	111	45	41	159
DG KHAN 2020-21		3	0	0	0	0	0	0	0	2	0	0		12		17	34
DG KHAN 2021-22		3	0	0	0	0	0	0	0	2	0	0		43		35	83
DG KHAN 2022-23	4	2	0	0	0	0	0	0	0	4	0	0	55	53	46	39	98
ON GOING										1				0			1
TOTAL DG KHAN	4	8	0	0	0	0	0	0	0	9	0	0	55	108	46	91	216
TOTAL South Punjab		15				0				9		0		219		132	375
Grand Total	330	167			550	176			330	59	550	62	500	428	400	211	1103

REPORT OF KPK UNDER NPECABA AS ON 31st MARCH

S.No	District	Agriculture Engineering				On Farm Water Management			
		Rough Land Levelling (Acres)				Construction of Earthen/ Lining of Watercouses (Nos)			
		Achivements				Achivements			
		2020-21	2021-22	2022-23	Total	2020-21	2021-22	2022-23	Total
1	Bannu	0	593	314	907	1	2	2	5
2	Charsadda	250	857	236.43	1343	3	1	0	4
3	Dir Lower	11	20	10.9	42	12	39	8	59
4	Hangu	0	505	322.7	828	0	0	0	0
5	Haripur	0	5	11.23	16	1	0	0	1
6	Karak	0	682	113	795	2	4	6	12
7	Kohat	0	0	0	0	5	0	1	6
8	Nowshera	36	3	35.5	75	3	2	0	5
9	Peshawar	12	0	10.9	23	3	2	1	6
10	Swabi	0	0	0	0	0	0	0	0
11	Swat	77	58	69.85	204	16	24	15	55
	Total	386	2722	1125	4233	46	74	33	153

S.No	District	Agriculture Extension											
		F. Orch	Oil Seed	Fodd	F. Orch	Oil Seed	Fodd	F. Orch	Oil Seed	Fodd	F. Orch	Oil Seed	Fodd
		Achievements			Achievements			Achievements			Achievements		
		2020-21			2021-22			2022-23			Total		
1	Bannu	8	15	0	0	0	0	0	0	0	8	15	0
2	Charsadda	6	8	0	45	62	20	39	0	0	90	70	20
3	Dir Lower	12	17	0	45	0	0	0	0	0	57	17	0
4	Hangu	6	8	0	45	62	20	18	0	0	69	70	20
5	Haripur	12	16	0	45	62	20	0	0	0	57	78	20
6	Karak	18	15	0	45	62	23	20	0	0	83	77	23
7	Kohat	19	30	0	45	62	20	34	0	0	98	92	20
8	Nowshera	12	16	0	45	62	20	0	0	0	57	78	20
9	Peshawar	6	8	0	45	70	20	50	0	0	101	78	20
10	Swabi	0	0	0	0	0	0	0	0	0	0	0	0
11	Swat	28	40	0	50	62	20	217	0	0	295	102	20
Total		127	173	0	410	504	163	378	0	0	915	677	163

REPORT OF GILGIT UNDER NPECABA AS ON 31st MARCH

Sr. #	District	Farm Pond		Solar Pump		Fruit Orchard		Fodder	
		Comp.	In Progress	Comp.	In Progress	Comp.	In Progress	Comp.	In Progress
1.	Dimaer	1	-	1	-	1	-	1	-
2.	Ghanche	2	-	2	-	2	-	2	-
3.	Skardu	2	-	2	-	2	-	2	-
4.	Shigar	2	-	2	-	2	-	2	-
5.	Hunza	2	-	2	-	2	-	2	-
6.	Nagar	2	-	2	-	2	-	2	-
7.	Gilgit	2	-	2	-	2	-	2	-
8.	Astore	2	-	2	-	2	-	2	-
9.	Ghizer	3	-	3	-	3	-	3	-
10.	Kharmang	1	-	1	-	1	-	1	-

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **DUGWELL**

Date: _____

Release of 1st Installment (ICR-I)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
Father's Name		District	
Village		GPS Coordinates	N: E:
Contact #		Fiscal year	

Cost Break-up of Scheme

Estimated Approved Cost (Rs.)	Upper Ceiling Cost (Rs.)	Government share @60%(Rs.)	Farmer share @40% (Rs.)

Detail of Completed Works

S.No.	Nature of works	Unit	Quantities	Rate/Unit (Rs.)	Amount (Rs.)
1	Excavation of well in dry up to 20'(6 meter) below ground level, and disposal of soil within one chain (30 meter) in ordinary soil or sand	m ³			
	i) from 0' to 5' (0 to 1.5 m) depth				
	ii) from 5.1' to 10' (1.5 to 3.0 meter) depth				
	iii) from 10' to 15'(3.0 to 4.5 meter) depth				
2	Dry sinking of well, including loading, and removing excavated material within one chain (30 m)	m ³			
	i) from 10' to 15'(3.0 to 4.5 m) depth				
3	Wet sinking of well in ordinary soil (value of C up to 5), for depths below spring level, including charges of machinery, shoring, kentledge and removal of excavated spoil within one chain (30 m)	m ³			
	i) from 0' to 10'(0 to 3.0 m) depth				
	ii) above 10' to 20'(3 to 6.0 m) depth				
4	Providing, making and laying R.C.C. well curb in position, using coarse sand, including all kinds of form, moulds, curing, shuttering, rendering and finishing the exposed surface, (including screening and washing of aggregate. Ratio 1:2:4 (Area=1/2*0.46*0.46=0.11) L = 3.142(D+d)/2 = 3.142(4.87+3.66)/2= 13.4	m ³			

	Volume=13.4*.11=1.47				
5	Providing and fixing structural steel for cutting edge	100 Kg			
Total Cost					
Contactor Profit @ 20%					
Net Verified Amount after deduction of contactor profit (20%)					
50% cost of completed work/ Govt. Share					

Signature: _____
Name of Farmer: _____
Mouza: _____
Stamp: _____

Signature: _____
Name: WMO/Sup _____
ADA (OFWM) Office: _____
Official Stamp: _____

Signature: _____
Name: ADA (OFWM) _____
ADA (OFWM) Office: _____
Official Stamp: _____

Signature: _____
Name: DDA (OFWM) _____
District: _____
Official Stamp: _____

Certificate by Project Consultants

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in words Rupees _____) **50%** of completed work/Govt. Share is recommended for payment in favor of Mr. _____

Field Engineer: _____

Signature & Stamp: _____

District: _____

Date: _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **DUGWELL**

Date: _____

Release of 2nd Installment (ICR-II)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
Father's Name		District	
Village		GPS Coordinates	N: E:
Contact #		Fiscal year	

Cost Break-up of Scheme

Estimated Approved Cost (Rs.)	Upper Ceiling Cost (Rs.)	Government share @60%(Rs.)	Farmer share @40% (Rs.)

Detail of Completed Works

S.No.	Nature of works	Unit	Quantities	Rate/Unit (Rs.)	Amount (Rs.)
1	Excavation of well in dry up to 20'(6 meter) below ground level, and disposal of soil within one chain (30 meter) in ordinary soil or sand	m ³			
	i) from 0' to 5' (0 to 1.5 m) depth				
	ii) from 5.1' to 10' (1.5 to 3.0 meter) depth				
	iii) from 10' to 15'(3.0 to 4.5 meter) depth				
2	Dry sinking of well, including loading, and removing excavated material within one chain (30 m)	m ³			
	i) from 10' to 15'(3.0 to 4.5 m) depth				
3	Wet sinking of well in ordinary soil (value of C up to 5), for depths below spring level, including charges of machinery, shoring, kentledge and removal of excavated spoil within one chain (30 m)	m ³			
	i) from 0' to 10'(0 to 3.0 m) depth				
	ii) above 10' to 20'(3 to 6.0 m) depth				
4	Providing, making and laying R.C.C. well curb in position, using coarse sand, including all kinds of form, moulds, curing, shuttering, rendering and finishing the exposed surface, (including screening and washing of aggregate. Ratio 1:2:4 (Area=1/2*0.46*0.46=0.11) L = 3.142(D+d)/2 = 3.142(4.87+3.66)/2= 13.4	m ³			

	Volume=13.4*.11=1.47				
5	Providing and fixing structural steel for cutting edge	100 Kg			
6	Pacca brick work in ground floor i) cement, sand mortar. Ratio 1:4 (P.52 Sr.5/i)	M ³			
7	Extra for pacca brick work in steining of wells or any other circular masonry. (P.53 Sr.10)				
Total Cost					
Contactor Profit @ 20%					
Net Verified Amount after deduction of contactor profit (20%)					
40% cost of completed work/ Govt. Share					

Signature: _____
Name of Farmer: _____
Mouza: _____
Stamp: _____

Signature: _____
Name: WMO/Sup _____
ADA (OFWM) Office: _____
Official Stamp: _____

Signature: _____
Name: ADA (OFWM) _____
ADA (OFWM) Office: _____
Official Stamp: _____

Signature: _____
Name: DDA (OFWM) _____
District: _____
Official Stamp: _____

Certificate by Project Consultants

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in words Rupees _____) **40%** of completed work/Govt. Share is recommended for payment in favor of Mr. _____

Field Engineer: _____

Signature & Stamp: _____

District: _____

Date: _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **DUGWELL**

Date: _____

Release of Final Installment (FCR)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
Father's Name		District	
Village		GPS Coordinates	N: E:
Contact #		Fiscal year	

Cost Break-up of Scheme

Estimated Approved Cost (Rs.)	Upper Ceiling Cost (Rs.)	Government share @60%(Rs.)	Farmer share @40% (Rs.)

Detail of Completed Works

S.No.	Particulars	(Rs.)	Cost %
1	Total Project Cost (Executed Work / Upper Ceiling)		
2	Amount already paid at ICR-I 50%		
3	Amount to be paid at ICR-II 40%		
4	Final Completion Amount 10%		

Signature: _____

Name of Farmer: _____

Mouza: _____

Stamp: _____

Signature: _____

Name: WMO/Sup _____

ADA (OFWM) Office: _____

Official Stamp: _____

Signature: _____

Name: ADA (OFWM) _____

ADA (OFWM) Office: _____

Official Stamp: _____

Signature: _____

Name: DDA (OFWM) _____

District: _____

Official Stamp: _____

Certificate by Project Consultants

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in words Rupees _____) **10%** of completed work/Govt. Share is recommended for payment in favor of Mr. _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **FARM POND**

Date: _____

Release of 1st Installment (ICR-1)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
CNIC No.		District	
Father's Name		GPS Coordinates	
Village		Fiscal year	
Area to be Irrigated		Contact #	

Cost Break-up of Scheme

Estimated Approved Cost (Rs.)	Upper Ceiling Cost (Rs.)	Government share @60% (Rs.)	Farmer share @40% (Rs.)

Detail of Completed Works

S.No.	Nature of works	Unit	Quantities	Rate/Unit (Rs.)	Amount (Rs.)
1	Embankment work with compaction and dressing, with lead	m ³			
2	Earth work Excavation ashes, sand and soft soil or silt clearance	m ²			
Total Cost					
Contractor Profit @ 20%					
Net Verified Amount after deduction of contractor profit (20%)					
50% cost of completed work/ Govt. Share					

Name of Water Management Officer/ AAE/Supervisor _____ Signature & Stamp _____

Name of Assistant Director Agriculture (OFWM) _____ Signature & Stamp _____

Name of Deputy Director Agriculture (OFWM) _____ Signature & Stamp _____

Certificate:

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in _____ words) _____ Rupees _____ 50% of completed work/Govt. Share is recommended for payment in favor of Mr. _____.

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **FARM POND**

Date: _____

Release of 2nd Installment (ICR-II)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
CNIC No.		District	
Father's Name		GPS Coordinates	
Village		Fiscal year	
Area to be Irrigated		Contact #	

Cost Break-up of Scheme:

Estimated Approved Cost (Rs.)	Cost of Executed works / Upper Ceiling (Rs.)	Government Share @60% (Rs.)	Farmer Share @40% (Rs.)
2325441			

S.No.	Particulars	(Rs.)	Cost %
1	Total Project Cost (Executed Work / Upper Ceiling)		
2	Amount already paid at ICR-I 50%		
3	Amount to be paid at ICR-II 40%		

Name of Water Management Officer/ Supervisor _____ Signature & Stamp: _____

Name of Assistant Director Agriculture (OFWM) _____ Signature & Stamp: _____

Name of Deputy Director Agriculture (OFWM) _____ Signature & Stamp: _____

Certificate:

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in _____ words) _____ Rupees _____ 40% of completed work/Govt. Share is recommended for payment in favor of Mr. _____.

Field Engineer: _____**Signature & Stamp:** _____**District:** _____**Date:** _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREASName of Scheme: **FARM POND**

Date: _____

Release of 3rd Installment (FCR)**Identification of Scheme**

Name of beneficiary farmer		Tehsil	
CNIC No.		District	
Father's Name		GPS Coordinates	
Village		Fiscal year	
Nature of scheme		Contact #	

Cost Break-up of Scheme

Original Approved Cost (Rs.)	Cost of Executed works / Upper Ceiling (Rs.)	Government Share @60% (Rs.)	Farmer Share @40% (Rs.)

S.No.	Particulars	(Rs.)	Cost %
1	Total Project Cost (Executed Work / Upper Ceiling)		
2	Amount already paid at ICR-I 50%		
3	Amount to be paid at ICR-II 40%		
4	Final Completion Amount 10%		

Name of Water Management Officer/ Supervisor _____ Signature & Stamp: _____

Name of Assistant Director Agriculture (OFWM) _____ Signature & Stamp: _____

Name of Deputy Director Agriculture (OFWM) _____ Signature & Stamp: _____

Certificate by Project Consultants

Certified that quantity and quality of works at site is in accordance with the approved design and cost estimates. Release of Rs. _____ (in words Rupees _____) _____ **10%** of completed work/Govt. Share is recommended for payment in favor of Mr. _____.

Field Engineer: _____**Signature & Stamp:** _____**District:** _____**Date:** _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS

Re-Verification/Inspection of Already Delivered Laser Leveling Units

SSC Name: _____ FY _____

LASER Unit delivered on _____ Inspected by NWMC on _____

Farmer's Name: _____ CNIC No. _____

Father's Name: _____ Contact No. _____

Village/Chak No. _____ Tehsil _____ District. _____

1. Farmer still has Laser Leveling Unit? Yes/No
2. If yes, is it operational? Yes/No
3. What is the apparently condition of Laser unit? Satisfactory/Unsatisfactory
4. After receiving laser leveling unit, services are provided in the area? Yes/No
5. If yes, any evidence of service provided in the surrounding area Yes/No
6. In case of any issue during warranty period, SSC responded positively? Yes/No

7. Detail of Laser unit parts

Part's Particulars	Available/M issing/in working condition	Remarks, e.g. manufacture & model name, in case of tyres, please also mention tyre size e.g. 650 x 1400 or 600 x 1400. In case of Transmitter, receiver & Solenoid (please write complete Serial No), If there is any other remark to be mentioned, please write in below rows in front of relevant part(s).
Transmitter		
Receiver		
Control Box		
Cable set		
Tripot		
Scraper		
Eye Detector		
Staff Rod		
Solenoid Assembly		
Tyres/Rim		

Condition		
Mast Rod/Motor		

8. General Comments: _____

—

Signature _____ Date: _____

Name of S.F.E/FE _____ Official Stamp _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREAS OF BARANI AREAS

Installation of Solar System for Operating HEIS

Material Verification Report

Name of Beneficiary/Farm:		Name of SSC	
CNIC Number		GPS Coordinates	
Village/Chak No.		Solar system Capacity (Kw)	
Tehsil & District		Per kw Cost (Rs.)	
Mobile Number		Work Order Date	
HEIS work order date		Area (Acres)	
HEIS commissioning date		Project Completion Period (Days)	
Crop (s)		Total Cost (Rs.)	

Sr.	Description	Make & Model & Standard	Unit	Design					Supply	
				Qty.	Unit Cost	Tax Rate	GST/PST Amount	Cost incl. tax	Qty.	Cost
A-	Solar Photovoltaic Module		Nos.							
B-	Inverter/ Controller		No.							
C-	Solar Array Structure		No.							
D-	Electric Cables and Wiring Accessories		M m							
E	Breaker AC		No							
	Breaker DC		No							
	BOX		No							
	Earthing		.							
F-	Transporation									
G-	Survey, Design and Installation									
H-	Post Installation Services									
Sub Total (A+B+C+D+E+F+G+H)										
Percentage of Total Cost										

Submitted by:

Signature: _____

Representative of SSC: _____

Farmer's Verification:

Signature: _____

Name: _____

Checked/Verified By:

Signature: _____

Official Stamp: _____

Date: _____

Tehsil: _____

District: _____

Official Stamp: _____

Rep. of ADA (OFWM) _____

Date: _____

Forwarded By:

Signature: _____

Official Stamp: _____

Name of DDA (OFWM): _____

Date: _____

Certificate by Consultants:

Certified that the quality and quantity of material supplied is as per approved design and standards & specifications.

Signature _____

Name of Field Engineer _____

Official Stamp _____

Date _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREAS OF BARANI AREAS

Date: _____

Installation of Solar system
Release of 1st Installment (ICR-I)

Name of Beneficiary/Farm:		Scheme Area under PIP (Acres)	
CNIC Number		Crop (s)	
Village/Chak No.		HEIS Work order date	
Tehsil & District		HEIS Commissioning date	
Mobile Number		Solar system Work Order Date	
GPS Coordinates		Solar system Capacity (Kw)	
Name of SSC		ICR-I Completion Period (Days)	

Cost Break-up

Total Scheme Cost (Rs.)	Government Share 60% (Rs.)	Farmer Share 40% (Rs.)	Bank Name & Challan No & date

S.No.	Particulars	(Rs.)	% of total scheme cost
1	Cost of material verified		
2	Cost of material not supplied/not verified		
3	Amount to be paid as ICR-I : 50% of (total scheme cost)		

Submitted By:

Signature: _____

Representative of SSC: _____

Checked/Verified By:

Signature: _____

Rep. of ADA (OFWM) _____

Forwarded By:

Signature: _____

Name of DDA (OFWM): _____

Official Stamp: _____

Date: _____

Official Stamp: _____

Date: _____

Official Stamp: _____

Date: _____

Certificate by Consultants:

Certified that material supplied is as per approved design and standards & specifications. (Material inspection report attached as Annexure-I). Release of _____% of total system cost amounting to Rs. _____ in words (_____ only) is recommended in favour of _____

Signature _____

Name of Field Engineer _____

Official Stamp _____

Pre-requisite for release of 1st installment.

- Issuance of work order
- Minimum 80% of total material must be provided
- Material verification report

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS

MATERIAL INSTALLED & TEST RUN REPORT

Name of Farmer: _____
 CNIC #: _____
 Contact #: _____
 Address: _____
 SSC: _____
 Work order No. & date: _____

MATERIAL INSTALLATION REPORT AT SITE

MODULE

Particulars	Design	Installed
Type of Solar Cells (poly/mono)		
Module Efficiency \geq 15.5 %		
Peak power watts		
Make & Model		
Quantity (No's)		
No. of Strings		
Date of Manufacturing		

PUMP CONTROLLER/INVERTER

Particulars	Design	Installed
Make & Model		
kw		
Particulars	Standard	Compliance (Yes/No)
MPPT		
Temperature range		
Output Voltage range		
Body material		
IP rating		
Output status display		

MOTOR

Make & Model

Sr. No. -----

Particulars	Design	Installed
Hp		
Type (AC/DC)		
RPM		

PUMP

Make & Model

Sr. No. -----

Particulars	Design	Installed
type		

TEST RUN REPORT

PV ARRAY

KW: -- --- KW

Voc: --- -- VDC

V_{mp}: --- -- VDC

INVERTER/PUMP CONTROLLER

Data Monitoring System (optional): yes/no

Particulars	Input (with Load)	Output (with Load)
Current		
Voltage		
Power (I x V) Calculated		

PV ARRAY PANEL STRUCTURE

Particulars	Standard	Compliance (Yes/No)
Quality	ISO 9001	
Type	ground mounted (pole) with manual tracking	
Material	Galvanized Steel	
Civil work for foundation	1:2:4 Concrete Mixture	

Capacity per pole	Up to 2.5 kw only	
Screws	Anti-theft	
Reinforcement in civil work	Based on site condition	

JUNCTION BOX

Particulars	Standard	Compliance (Yes/No)
type	mild steel	
IP rating	65	

FLOW RATE AND HEAD

Particular	Design	At site
Flow rate at flow meter (lps)		
Head (m)		
Lateral end pressure (m)		
Discharge of dripper (lps)		

CABLES

Manufacturer: _____

Particular	Standard	Compliance (Yes/No)
Core size (mm ²)	≥ 4 mm	
Type	Flexible Insulated copper	
conduits	Plain and flexible	
wirings	Color coded/labeled	
Cable binders/clamps etc	UV resistant	

CONNECTORS/POWER DISCONNECT

Particular	Standard	Compliance (Yes/No)
Circuit breakers	Rated for DC service	
Voltage rating	Max. circuit voltage	
Current rating	125% - 150% of max. design current of circuit	
Marking	Rated capacity and circuit voltage	

Change over (in case of grid)/ NRV (Diesel engine)

- a. Installed (yes/no):

Circuit DC current

- a. Grounded : yes/no
- b. Grid-separated: yes/no

Mounting Structure

- a. Grounded (Yes/No)

DC switch/Fuse

- a. Manufacturer
- b. Type

AC current side (Line breaker/AC fuses)

- a. Manufacturer
- b. Type

Submitted by:

It is certified that all the installed material at above sated site is as per approved design and approved standard/specifications under the project. The SSC shall be responsible for any issue relating quality as per tri-partite agreement and other instructions of the department.

Signatures: _____
Name of Representative: _____
CNIC #: _____
SSC: _____

**Checked/Verified By,
Assistant Director (WM)**

Signatures: _____
Name: _____
Tehsil: _____

**Forwarded By,
Deputy Director (WM)**

Signatures: _____
Name: _____
District: _____

Certificate by Consultants:

It is certified that the site has been checked for test run and found it as per approved design and approved standards & specifications.

Signature _____
Name of Field Engineer/Consultant _____
Official Stamp _____
Date _____

NATIONAL PROGRAM FOR ENHANCING THE COMMAND AREAS OF BARANI AREAS

Date: _____

Installation of Solar system
Release of 2nd Installment (ICR-II)

Name of Beneficiary/Farm:		Scheme Area under PIP (Acres)	
CNIC Number		Crop (s)	
Village/Chak No.		HEIS Work order date	
Tehsil& District		HEIS Commissioning date	
Mobile Number		Solar system Work Order Date	
GPS Coordinates		Solar system Capacity (Kw)	
Name of SSC		ICR-II Completion Period (Days)	

Cost Break-up

Sr.No.	Particulars	(Rs.)	% of total system cost
1	Amount already paid at ICR-I		
2	Amount to be paid as outstanding (If less than 40% of material cost recommended at ICR-I)		
3	Amount to be paid at ICR-II : 40% of total system cost + Amount to be paid as stated at S.No. 2, if any.(Installed equipment/ material verification report attached)		
4	Amount retained for warranty period (10% of total system cost)		
Total Project cost: (S.No. 1+3+4)			

Submitted By:

Signature: _____

Representative of SSC: _____

Official Stamp: _____

Date: _____

Checked/Verified By:

Signature: _____

Rep. of ADA (OFWM) _____

Official Stamp: _____

Date: _____

Forwarded By:

Signature: _____

Name of DDA (OFWM): _____

Official Stamp: _____

Date: _____

Certificate by Consultants:

Certified that system has been installed as per approved design and operating satisfactorily (Test run report attached as Annexure-I). Release of _____% of total system cost amounting to Rs. _____ in words (_____ only) is recommended in favor of _____

Signature _____

Name of Field Engineer _____

Official Stamp _____

Date _____

Pre-requisites for release of 2nd Installment:

- Material Installed and Test Run Report.
- Satisfaction Certificate signed by the Farmer

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS

**Recommendation for release of 1st Installment (70%) of Total Govt. Share for Irrigation Schemes
Intermediate Completion Report-I (ICR-1)**

Year of Improvement _____

Name of WUA Chairman _____ Irrigation Scheme No. _____ Village/Chak No. _____

ADA (OFWM) Office _____ District _____ Release of First Installment

(70% of Govt. Share) Rs. _____ is requested on account of following accomplishments.

Technical Sanction No. _____/DDA/OFWM/JM. Dated _____ Amount Rs. _____ Total

Estimated Cost Rs. _____ Total Farmers Share Rs. _____ Farmer's Share Deposited

(70%) Rs. _____

Signature	Signature	Signature	Signature
Name of Chairman (WUA)	Name of WMO/Sup	Name of ADA (OFWM)	Name of DDA (OFWM)
Official stamp	Official stamp	Official stamp	Official stamp
Date	Date	Date	Date

Certificate by Project Consultants (PC)

Certified that Technical Sanction of Rs. _____ by competent authority has been awarded. The WUA has also deposited Rs. _____ as its due share

(_____ %) for labour cost. Release of First installment i.e. **70%** of total Govt. Share amounting to Rs. _____ to WUA is recommended.

Field Engineer: _____ **Signature & Stamp:** _____

District: _____ **Date:** _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS
Recommendation for release of 2nd Installment i.e, (20%) of Government Share for Irrigation Schemes
Intermediate Completion Report-II (ICR-II)
YEAR OF IMPROVEMENT _____

Name of WUA Chairman _____ Irrigation Scheme No. _____ Village/Chak

No. _____

ADA (OFWM) office _____ District _____ Release of 2nd installment (20%) of material cost,

Amounting to Rs. _____ is requested on account of:

- i) Section of Execution L _____(m) W _____(m)
- ii) Excavation of entire planned length _____(m)
- iii) Deposit of remaining 100% farmer share as labour cost Rs. _____
- iv) Entire construction material/equipment shifted at site

Signature	Signature	Signature	Signature
Name of Chairman (WUA)	Name of WMO/Sup	Name of ADA (OFWM)	Name of DDA (OFWM)
Official stamp	Official stamp	Official stamp	Official stamp
Date	Date	Date	Date

Certificate by Project Consultants (PC)

Certified that Technical Sanction of Rs. _____ by competent authority has been awarded. The WUA has also deposited Rs. _____ as its due share

(_____ %) for labour cost. Release of First installment i.e. **20%** of total Govt. Share amounting to Rs. _____ to WUA is recommended.

Field Engineer: _____ **Signature & Stamp:** _____

District: _____ **Date:** _____

Details of Actual Expenditure Incurred on Physically Consumed Construction Materials

Name of WUA Chairman _____ Irrigation Scheme/Khasra No. _____

Village/Chak No. _____ Field Team/Unit _____ Tehsil _____

District _____

a. Material						b. Accessories						Remarks
Sr. No.	Types	Unit	Qty.	Unit Rate	Cost (Rs.)	Sr. No.	Items	Unit	Qty.	Unit Rate	Cost (Rs.)	
1	Bricks	(No.)				1	Sluce Valve	(No.)				<p>It is certified that:-</p> <ol style="list-style-type: none"> 'A' class bricks, portland good quality fresh cement, good quality sand, gravel of required strength, MS bars of desired size have been used in the civil works. RCC/PVC/GI pipes of required class have been purchased / installed Pre-cast concrete lining segments and pannel nakkas have been purchased from the pre-qualified firms and installed by following project standards and specifications. All above construction material have been purchased at lowest competitive rates. The aggregate ratio of 1:3:6 have been used in PCC The mortar in 1:4 cement sand ratio has been used in brick masonry and plaster works. The executed works/material purchased meet the prescribed project standards and specifications. Cost analysis has been made on the basis of approved rates by the purchase committee, actually consumed materials and as per financial record maintained by the WUA . <p>Signature: _____ Signature _____</p> <p>Name of Charman WUA _____ Name of WMO/Sup _____</p> <p>Official Stamp _____ Official Stamp _____</p> <p>Signature _____</p> <p>Name of ADA(OPWM) _____</p> <p>Official Stamp _____</p> <p>Certification by Project Consultants</p> <p>"Certified that total civil works executed by WUA have been checked and found satisfactory. Release of Third/Final Installment i.e. remaining amount (≤20% of total materials cost) of _____ to WUA is, therefore, recommended. If funds released under ICFR exceeds FCR certified amount, then excess amount Rs. _____ paid shall be recovered from WUA."</p>
	Total:							2	Gate Valve	(No.)		
2	Cement	(bags)				3	NR Valve		(No.)			
	Total:							4	GI Tee	(No.)		
3	Sand	(cu.m)				5	GI bend		(No.)			
	Total:							6	GI Socket	(No.)		
4	PCLS *	(No.)				7	Flange		(No.)			
	Total:							8	Gasket	(No.)		
5	RCC Pipe	(m)				9	PVC Elbow		(No.)			
	Total:							10	PVC Bend	(No.)		
6	PVC Pipe	(m)				11	PVC Tee		(No.)			
	Total:							12	Nut Bolts	(Kg)		
7	GI Pipe	(m)				13	Tapercare		(No.)			
	Total:							14	Solution	(Tin)		
8	Pannel Naccas	(No.)				15	Sofada		(Tin)			
	Total:						16					
9	Gravel	(cu.m)										
	Total:											
10	MS Bars	(Kgs)										
11	Jute	(m)										
12	Any Other											
Cost of Construction Material (a)						Cost of Accessories (b)						
Total Cost of Construction Materials (a+b) Govt. Share												
Amount already paid through First Installment												
Amount already paid through Second Installment												
Amount paid through First & Second Installments												
Amount to be paid as Third/Final Installment/Recovered												
Cost of Masons/semi-skilled labour including back earth filling charges (a)												
Cost of unskilled labour for earthen improvements and excavation of section to be lined (b)												
Total Cost of Farmer's Share (a+b)												

* Pre-cast Concrete Lining Segment (Parabolic, Trapezoidal, Pipe etc.)

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS
VERIFICATION OF ALREADY COMPLETED WORKS

Name of Scheme: **Dugwell**

Date: _____

Identification of Scheme

Name of farmer		Tehsil	
Father's Name		District	
Village		GPS Coordinates	
Contact #		Fiscal year	

Cost Break-up of Scheme

Estimated Approved Cost (Rs.)	Upper Ceiling Cost (Rs.)	Government share @60%(Rs.)	Farmer share @40% (Rs.)

Detail of Completed Works

S.No.	Nature of works	Unit	Inside dia (ft)	Outside dia (ft)	Depth/ Height (ft)	Thickness/ Breadth (ft)	Quantities	Rate/Unit (Rs.)	Amount (Rs.)
1	Excavation of well in dry up to 20'(6 meter) below ground level, and disposal of soil within one chain (30 meter) in ordinary soil or sand								
	i) from 0' to 5' (o to 1.5 m) depth								
	ii) from 5.1' to 10' (1.5 to 3.0 meter) depth								
	iii) from 10' to 15'(3.0 to 4.5 meter) depth								
2	Dry sinking of well, including loading, and removing excavated material within one chain (30 m)								
	i) from 10' to 15'(3.0 to 4.5 m) depth								
3	Wet sinking of well in ordinary soil (value of C up to 5), for depths below spring level, including charges of machinery, shoring, kentledge and removal of excavated spoil within one chain (30 m)								
	i) from 0' to 10'(0 to 3.0 m) depth								
	ii) above 10' to 20'(3 to 6.0 m) depth								
4	Providing, making and laying R.C.C. well curb in position, using coarse sand, including all kinds of form, moulds, curing, shuttering, rendering and finishing the exposed surface, (including screening and washing of aggregate.								
5	Providing and fixing structural steel for cutting edge								
6	Pacca brick work in ground floor i) cement, sand mortar. Ratio 1:4								
7	Extra for pacca brick work in steining of wells or any other circular masonry.								
Total Cost									
Contacto Profit @ 20%									
Net Verified Amount after deduction of contacto profit (20%)									

Total Expenditure

S.No.	Particulars	Already Verified cost by Department (Rs.)	Re-verified cost by NPECA Consultant (Rs.)
1	Total Project Cost (Executed Work)		
2	Amount paid at ICR-I 50%		
3	Amount paid at ICR-II 40%		
4	Final Completion Amount 10%		

Field Engineer: _____

District: _____

Signature & Stamp: _____

Date: _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS**VERIFICATION OF ALREADY COMPLETED WORKS**Name of Scheme: **Irrigation Scheme**

IrrigationScheme No: _____

Farmer Name: _____

Moza/chak No: _____

Area: _____

Tehsil: _____

District: _____

- 1 Non canal command area certificate from Irrigation Deptt. (Yes/No.)
- 2 Discharge calculation data available in file (Yes/No)
- 3 WUA account opened in Bank for irrigation scheme works (Yes/No)
- 4 Farmer share collected and deposited in Bank account as percent of total cost of watercourse improvement (%)
- 5 Approval for cost of construction material has been issued by the competent authority (Yes/No.)
- 6 Planned improvement works has been approved by the competent authority (Yes/No.)
- 7 Executed works has been marked on topo map (Yes/No)

Main Features		Works Executed		
		Designed	Executed	Remarks, if any
i. Lining type (Brick/PCPS/PVC any other)				
ii. Total length of Irrigation Scheme (m)				
iii. Lining Length	m			
iv. Nuccas/DP (Nos.)	Size-I			
	Size-II			
viii. Drops (Nos.)				
xii. Verified cost (Rs.)				

8 Executed lining X-section observed in accordance with designed X-section
(Yes/No.)

Lining Type	Parameters	Unit	Planned	Executed	Remarks
Brick/stone masonry/ PCC (Rectangular Shape)	Top Width				
	Total Depth				
	Free Board				
Brick/stone masonry/ PCC (Trapezoidal Shape)	Top Width				
	Bottom Width				
	Total Depth				
	Side Slope				
PCPL (Parabolic Shape)	Segment Size				
	Free Board				
Pipe (PVC/RCC)	Pipe Material				
	Pipe Dia				

9 Back earthfilling status is satisfactory and acceptable
i. Along lined section (Yes/No.)
ii. Around structures (Yes/No.)
Remarks in case of un- satisfactory back earthfilling:
-

10 Quality of completed civil work is satisfactory (Yes/No.)

11 Remarks in case of Un- satisfactory Civil Works:

12 General Remarks about Watercourse:

Field Engineer: _____

District: _____

Signature & Stamp: _____

Date: _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS**VERIFICATION OF ALREADY COMPLETED WORKS**Name of Scheme: **LASER** Date: _____

SSC Name: _____ FY _____

LASER Unit delivered on _____ Inspected by NWMC on _____

Farmer's Name: _____ CNIC No. _____

Father's Name: _____ Contact No. _____

Village/Chak No. _____ Tehsil _____ District. _____

9. Farmer still has Laser Leveling Unit? Yes/No

10. If yes, is it operational? Yes/No

11. What is the apparently condition of Laser unit? Satisfactory/Unsatisfactory

12. After receiving laser leveling unit, services are provided in the area? Yes/No

13. If yes, any evidence of service provided in the surrounding area Yes/No

14. In case of any issue during warranty period, SSC responded positively? Yes/No

15. Detail of Laser unit parts

Part's Particulars	Available/Missing/in working condition	Remarks, e.g. manufacture & model name. In case of Transmitter, receiver, control box & Solenoid write make, model and Serial No. In case of Scraper check weight, cutting blade, hubs,solenoid assembly and size.in case of tyres, mention tyre size e.g. 650 x 1400 or 600 x 1400), If there is any other remark to be mentioned, write in below rows in front of relevant part(s).
Transmitter		
Receiver		
Control Box		
Cable set		
Tripod		
Scraper		
Eye Detector		
Staff Rod		
Solenoid		

Assembly		
Tyres/Rim Condition		
Mast Rod/Motor		

16. General Comments: _____

Field Engineer: _____

District: _____

Signature & Stamp: _____

Date: _____

NATIONAL PROGRAM FOR ENHANCING COMMAND AREA IN BARANI AREAS

VERIFICATION OF ALREADY COMPLETED WORKS

Name of Scheme: **Solar System**

Date: _____

Identification of Scheme

Name of farmer		Tehsil	
Father's Name		District	
Village		GPS Coordinates	
Contact #		Fiscal year	

Detail of completed works

Section No.	Component	Characteristic	Details	Quantity	Cost	Total Cost (Rs.)
1	PV Module	Make				
		Model No.				
		Series Type (Poly/Mono cells)				
		Pmax (Wp)				
2	Variable Frequency Drive	VFD Brand				
		Model No.				
		VFD (kW)				
3	Remote Monitoring System	Make				
		Model No.				
		Serial No.				
4	Solar Panel Array Structure with civil work	Brand				
5	Electrical Cables	AC Cables Brand				
		Dia (mm)				
		Voltage Rating (V)				
		DC Cable Brand				
		Dia (mm)				
6	Power Disconnect (Circuit Breaker, Breaker Box and Changeover Switch)	Voltage Rating (V)				
		AC Breaker Brand				
		Rating (Amps)				
		Poles				
		DC Breaker Brand				
		Rating (Amps)				
		Poles				
Breaker Box Brand						
Changeover Switch						
7	Grounding Cost					
8	Survey & Design Cost					
9	Transportation Cost					
10	Installation Cost					
11	Post Installation Cost					
Total Project Cost in PKR						
Per kW Cost in PKR						
Per Acre Cost in PKR						
Farmer Share (50%) in PKR						

Field Engineer: _____

District: _____

Signature & Stamp: _____

Date: _____



Village: Khari Danyore, District Gilgit



Village: Chalt Das, District Nagar





Village: Dhok Thalla, District Bhimber.



Village: Said Hussain, Dina, District Jhelum.



Village: Said Hussain, Dina, District Jhelum.



Village: Said Hussain, Dina, District Jhelum.



Village: Sukha, Dina, District Jhelum.



Village: Sukha, Dina, District Jhelum.



Meeting with ADA OFWM, Dina, District Jhelum.



Village: Gaggar Kallan, Dina District Jhelum.



Village: Chhamala, Dina District Jhelum.



Village: Paimal, Gujjar Khan, District Rawalpindi



Village: Dhalla, Tehsil & District Rawalpindi



Village: Mohra Shera, Gujar Khan, District Rawalpindi



Village: Adiala Tehsil & District Rawalpindi.