

# UPLIFTING OF EXTENSION FARMS

UNDER KHADIM-E-PUNJAB KISSAN PACKAGE

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## **PREFACE**

1. The Government Extension farms are acting as demonstration site for the latest agricultural practices for the farmers. Due to budgetary constraints and out dated agriculture machinery and equipment, these farms are not full-filling their intended objectives in proper way. The provision of proper facilities to the farms can enhance the productivity of the farms. In an effort to improve the productivity of extension farms, Government of the Punjab, under Khadim-e-Punjab Kissan package initiated a scheme “Uplifting of Extension Farms” with total cost of Rs. 250 million for year 2017-18. The main objective of the scheme was to enhance the productivity through provision of updated technologies and missing facilities at farms. The seven activities were to be carried out at 40 farms of Seven Directorates of Agriculture, which lack them, to uplift their productivity. The seven activities include Improvement of Water courses, Installation of HEIS, Installation of tube-wells at farms which cannot fulfill irrigation requirement from canal water, Acquisition of new WAPDA connection, Land Development, Installation of tunnels and Purchase of Machinery (tractors & rice planters).
2. The worthy Secretary Agriculture directed to carry out the physical & financial verification of the scheme. Three teams were constituted for the assigned task each comprising of a representative of P&E Cell, Agriculture Department, Regional Manager of Project Management Unit (PMU), PIPIP of respective division and a representative of DGA (Ext. & AR). The teams visited all the farms of seven Directorates of Agriculture.
3. The teams observed that all the activities were carried out on the respective Adaptive Research Farms and were physically verified and no such issue of fake claim found during the inspection of record. However, some issues regarding the payments to the vendors were observed due to unawareness from the financial rules and lack of capacity of the relevant stakeholders about the PPRA Rules.
4. The teams observed that some segments used for lining of water courses were broken, curing of joints and back earth filling were of poor quality. Broken segments were observed at 12 farms and bubbles in the segments were also noted. It is further pointed out that some payments were made to the vendor without FCR approval. Moreover, some amounts have also been paid to the vendor above than FCR including taxes which seems unjustified as contract award and FCR already included all taxes. Three (3) HEIS were found nonfunctional out of 12. Out of 45 tube wells, 13 were nonfunctional. Moreover, 11 WAPDA connections were nonfunctional out of 26 applied under scheme. The land development, installation of tunnels and purchase of machinery (tractors & rice planters) were observed as per the approved criteria.
5. It is suggested that regular repair & maintenance of water courses may be ensured. Non-operational HEIS may be rectified to make it operational/ functional. PMU, PIPIP & WM staff of relevant district may assigned duties for regular backup & support for any rectification work of water courses, HEIS and tube wells. For such future schemes, proper trainings regarding PPRA Rules, procurement procedure as well as taxes payment may provide to the relevant stakeholders to enhance their capacity.
6. The officers of this office completed the evaluation of project keenly and wholeheartedly and I appreciate their effort.

**Chief,  
Planning & Evaluation Cell**



## Executive Summary

The Punjab Government under Khadim-e-Punjab Kissan package initiated a project “Uplifting of Extension Farms” with total cost of Rs. 250 million for year 2017-18. The detail of funds required for the project is given at **Annex-A**. The main objective of the project was to enhance the productivity through provision of updated technologies and missing facilities at farms. The following seven activities were to be carried out at farms, which lack them, to uplift their productivity;

- i. Improvement of Water courses.
- ii. Installation of HEIS (Drip irrigation on high density orchards & vegetables).
- iii. Installation of tube-wells (Solar & Electric tube well and storage ponds (at farms which cannot fulfill irrigation requirement from canal water).
- iv. Acquisition of new WAPDA connection.
- v. Land Development (land leveling through bulldozers and laser land leveling).
- vi. Installation of tunnels.
- vii. Purchase of Machinery (tractors and rice planters) in Adaptive Research Farms.

The project was executed in all farms of following seven Directorates of Agriculture (FT &AR) in Punjab;

- i. Directorate of Agriculture (FT&AR) Shiekhupra.
- ii. Directorate of Agriculture (FT&AR) Karor.
- iii. Directorate of Agriculture (FT&AR) D. G. Khan.
- iv. Directorate of Agriculture (FT&AR) Vehari.
- v. Directorate of Agriculture (FT&AR) Chakwal.
- vi. Directorate of Agriculture (FT&AR) Sargodha.
- vii. Directorate of Agriculture (FT&AR) Gujranwala.

A Final Completion Report (FCR) was to be submitted by The Director of Agriculture (FT & AR) of the respective farm, indicating the status of the task against a given target and the payment to the service suppliers companies was to be made according to the approved FCR.

The Director General Agriculture (Ext. & AR), Director of Agriculture Coordination (FT & AR), the Director of Agriculture (FT & AR) of the concerned farms, SSMS (Agronomy) / Assistant Director of Agriculture / Farm Manager of the concerned farms and Deputy Directors of Agriculture (WM) / Water Management Officers of the concerned Districts were the stakeholder of the project. The following four Committees were constituted to carry out the specific tasks. The detail of these committees are given at **Annex B, C, D & E**.

- I. Monitoring Committee for Installation of Tube Wells (**Annex-B**)
- II. Monitoring Committee for Construction of Water Courses, HIES, Tunnels (**Annex-C**)
- III. Monitoring Committee for Purchase of Machinery and Equipment (**Annex-D**)
- IV. Evaluation Committee for Implementation, monitoring and Evaluation of Management Plan for up-gradation of Agriculture Extension and AR Farms (**Annex-E**).

The worthy Secretary Agriculture directed to carry out the physical & financial verification of the scheme. A committee was constituted comprising of a representative of P&E Cell, Agriculture Department, Regional manager of Project Management Unit (PMU), PIPIP of respective division and a representative of Director General of Agriculture (Ext. & AR) (**Annex-F**). To conduct the physical verification three (3) teams comprising of three members, each from P&E Cell, Agriculture Department, Regional Manager of PMU, PIPIP and DGA (Ext. & AR) were constituted. To record the data and observations, a structured questionnaire was developed (**Annex-G**). The teams visited all the farms (40) of the seven directorates of agriculture. The data collected is presented in the form of tables in the report in hand.

The teams observed that all the activities were carried out on the respective Adaptive Research Farms and were physically verified and no such issue of fake claim found during the inspection of record. However, some issues regarding the payments to the vendors were observed due to unawareness from the financial rules and lack of capacity of the relevant stakeholders about the PPRA Rules. Regarding water courses improvement it was observed that some segments used for lining of water courses were broken, curing of joints and back earth filling were of poor quality. Broken segments were observed at 12 farms and bubbles in the segments were also noted by the team. It is further pointed out that some payments were made to the vendor without FCR approval. Moreover, some amounts have also been paid to the vendor above than FCR including taxes which seems unjustified as contract award and FCR already included all taxes. It is pertinent to mention that at **Adaptive Research Farm Sheikhpura & Farooqabad**, 15% extra work could not verified by the team and the payment has been made without FCR. Similarly at **GS Farm Karor, Layyah** the payment has been made to the vendor without FCR. Tax payment receipts were also missing at **Adaptive Research Farm 101/P R.Y.K, 4P Khanpur, R.Y. Khan** and **Govt. Agri. Experiment Farm, Bahawalpur**. Farm wise detail of observations is given in chapter 3.

As regard to the installation of HEIS, 3 HEIS were found nonfunctional out of 12. At **Adaptive Research Farm Chakwal and Attock**, the head & flow pressure were not according to the approved design. At **Adaptive Research Farm Sheikhpura**, FCR was not found in the record but payments to the vendor have been made. Drippers and drip pipes seemed to be sub-standards at some agriculture farms.

Moreover, it was observed that PPRA rules were not followed by some Adaptive Research Farms. Farm wise detail is given in chapter 3.

In regard to the installation of Tube wells and WAPDA connections it was observed that out of 45 tube wells, 13 were nonfunctional but demand notices were submitted. Moreover, 11 WAPDA connections were nonfunctional out of 26 connections applied under scheme.

Other activities which were to be carried out under the scheme i.e. land development, installation of tunnels and purchase of machinery (tractors & rice planters) were observed as per the approved criteria.

To make the scheme successful it is suggested that regular repair & maintenance of water courses especially back earth filling, joints of Naccas and dressing of water courses may be ensured. Non-operational HEIS may be rectified to make it operational/ functional. PMU, PIP & WM staff of relevant district may assigned duties for regular backup & support for any rectification work of water courses, HEIS and tube wells. In future contract should be given to only pre-qualified firms, especially in case of HEIS. For such future schemes, proper trainings regarding PPRA Rules, procurement procedure as well as taxes payment may provide to the relevant stakeholders to enhance their capacity building and bridging-up knowledge Gap.

## **CHAPTER 1**

### **Introduction & Background**

The Government of Punjab is emphasizing on the development and up-gradation of the agriculture sector to fulfill the increasing demand for agricultural goods. Government has assigned high priority to Agriculture sector in order to accelerate the pace of productivity enhancement to meet the dietary requirements of burgeoning population, produce exportable surplus and to raise the socio-economic conditions of rural masses. This accelerated pace can only be achieved through and improvement in existing Agricultural Training and Extension and Adaptive Research system by Rejuvenation of Agriculture Farms attached with these component. Presently, Agriculture Extension farms are being used for multiplication of certified seed and demonstration of agriculture production technology.

The Government Extension farms, situated indifferent areas of the Punjab, are acting as demonstration site for the latest agricultural practices for the farmers of the surrounding areas. Due to budgetary constraints and out dated agriculture machinery and equipment, these farms are not full-filling their intended objectives in proper way. In order to meet the contemporary requirements of diversified agriculture sector, it has been planned to transform these farms into State of the Art Demonstration Centers for effectively testing and transfer of agriculture technologies to bridge the gap between production potential and the existing production as well as to increase self-employment opportunities among the farming communities. The provision of proper facilities to the farms can enhance the productivity of the farms and can demonstrate the proper use of technology in the agriculture.

The Punjab Government under Khadim-e-Punjab Kissan package initiated a scheme “Uplifting of Extension Farms” with total cost of Rs. 250 million for year 2017-18. The main objective of the scheme was to enhance the productivity through provision of updated technologies and missing facilities at farms. The following seven activities were to be carried out at farms, which lack them, to uplift their productivity;

- i. Improvement of Water courses.

- ii. Installation of HEIS (Drip irrigation on high density orchards & vegetables).
- iii. Installation of tube-wells (Solar & Electric Tube wells and storage ponds) (at farms which can not fulfill irrigation requirement from canal water).
- iv. Acquisition of new WAPDA connection.
- v. Land Development (land leveling through bulldozers and laser land leveling).
- vi. Installation of tunnels.
- vii. Purchase of Machinery (tractors, rice planters) in Adaptive Research Farms.

The project was executed in all the farms of following seven directorates of Agriculture (FT &AR) in Punjab;

- i. Directorate of Agriculture (FT&AR) Shiekhupra.
- ii. Directorate of Agriculture (FT&AR) Karor.
- iii. Directorate of Agriculture (FT&AR) D. G. Khan.
- iv. Directorate of Agriculture (FT&AR) Vehari.
- v. Directorate of Agriculture (FT&AR) Chakwal.
- vi. Directorate of Agriculture (FT&AR) Sargodha.
- vii. Directorate of Agriculture (FT&AR) Gujranwala.

A final Completion Report (FCR) was to be submitted by The Director of Agriculture (FT & AR) of the respective farm, indicating the status of the task against a given target and the payments to the service suppliers companies were to be made according to the approved FCR.

## **1.1 Financial Requirement**

The Government of Punjab was to provide the Rs. 250 million under “Khadim-e-Punjab Kissan Package” for the scheme through PARB. The detail of funds required for the project is given at **Annex-A**.

## **1.2 MODALITIES**

### **1.2.1 Physical**

- i. The required operation to be done on each farm will be evaluated by the concerned Director of Agriculture / SSMS (Agronomy) / AD (Farm) / Manager.

- ii. The financial estimates will be acquired by the concerned department i.e. field wing, water management.
- iii. Tender will be made for specific task of the scheme. (If required)
- iv. The Directors of Agriculture will assure the execution of the scheme tasks on their concerned farms.

### **1.2.2 Financial**

- i. Amount will be transferred from Punjab Agriculture Research Board (PARB) to the account titled “Project Manager PARB Component ID 9560” under Director General Agriculture (Ext. & AR) Punjab, Agriculture Department Punjab, Lahore.
- ii. The Director General Agriculture (Ext. &AR) Punjab, co-signed by Director of Agriculture Coordination (FT & AR) will transfer the amount into the accounts of Directors of Agriculture (FT & AR) in the Punjab for payment for assignments to be done under the project.
- iii. The Director of Agriculture (FT & AR) will be responsible for spending the funds on the project implementation.

### **1.3 Roles & Responsibilities of the Stakeholders**

The Director General Agriculture (Ext. &AR), Director of Agriculture Coordination (FT & AR), the Director of Agriculture (FT & AR) of the concerned farms, SSMS (Agronomy) / Assistant Director of Agriculture / Farm Manager of the concerned farms and Deputy Director of Agriculture (WM) / Water Management officers of concerned districts are the stakeholder of the project. The roles and responsibilities of each stakeholders is as under;

#### **1.3.1 Director General Agriculture (Ext. & AR)**

- i. The DGA (Ext. & AR) was to open an account for the project under Khadim-e-Punjab, Kissan Package.
- ii. The DGA (Ext. & AR) was responsible for distributing the amount to the SSMS (Agronomy) / Director of Agriculture (FT & AR) in the Punjab for the said project.
- iii. Monitoring of the project.

### **1.3.2 Director of Agriculture Coordination (FT & AR)**

- i. As co-signating of the Director General (Ext. & AR) Punjab Lahore, the Director of Agriculture Coordination (FT & AR) was responsible for the distribution of the amount of the project to the Directors of Agriculture (FT&AR).
- ii. Monitoring of the project.

### **1.3.3 Director of Agriculture / Assistant Director of Agriculture / SSMS (Agronomy) / Farm Managers**

- i. The Directors was to open account in their respective districts to receive the project funding.
- ii. The Directors of Agriculture was to receive the amount and utilize them for uplifting of his concerned farms.
- iii. They were also to execute the task taking place in their respective farms.

## **1.4 MONITORING & EVALUATION MECHANISM**

### **1.4.1 Internal Monitoring**

- i. The monitoring of the proposed activities was to be done by Director General Agriculture (Ext. & AR) Punjab, Lahore and Director of Agriculture Coordination (FT&AR) Punjab, Lahore.
- ii. The monitoring committees were to be constituted for the execution of scheme. The details of these committees along with their TORs are given at **Annexure B, C and D**.

### **1.4.2 External Monitoring:**

- i. A high level committee was also constituted to monitor the project under the headship of Additional Secretary Agri. (Planning). The detail of member of the committee is in **Annex-E**.

The worthy Secretary Agriculture directed to carry out the physical & financial verification of the scheme through Planning & Evaluation Cell (P&E Cell), Agriculture Department. A committee was constituted to carry out the assigned task (**Annex-F**). The report in hand, covers the background, methodology, results/discussion & main findings and suggestions & recommendation of the physical & financial verification of the scheme.

## CHAPTER 2

### Methodology

To conduct the physical verification three (3) teams comprising of three members, each from office of P&E Cell, Agriculture Department, Regional Manager of PMU, PIPIP and DGA (Ext. & AR) were constituted. To record the data and observations, a structured questionnaire was developed (**Annex-G**). The teams visited all the farms of the seven directorates of agriculture from 20.06.2019 to 28.06.2019. The directorate wise no. of farms are given as below;

<b>Sr. No</b>	<b>Directorate</b>	<b>Number of Farms</b>
1.	Directorate of Agriculture Farm Chakwal	9
2.	Directorate of Agriculture Farm Gujranwala	3
3.	Directorate of Agriculture Farm Karor	8
4.	Directorate of Agriculture Farm Rahim Yar Khan	6
5.	Directorate of Agriculture Farm Sargodha	5
6.	Directorate of Agriculture Farm Sheikhupura	2
7.	Directorate of Agriculture Farm Vehari	7
<b>Total</b>		<b>40</b>

The team visited the farms and checked the quality and status of the development work at all farms. The team noted the data / observation on questionnaires. All three members of team signed the questionnaires after completion of physical verification of the farm. The data collected was entered in Microsoft Excel. The data was analyzed and directorate wise results & findings of activities carried out under the scheme are presented in the form of tables.



## **CHAPTER 3**

### **Findings/Results**

The Punjab Government under Khadim-e-Punjab Kissan package initiated a project “Uplifting of Extension Farms” with total cost of Rs. 250 million for year 2017-18. A team comprising of a representative of P&E Cell, Agriculture Department, Regional manager of Project Management Unit (PMU), PIPIP of respective division and a representative of Director General of Agriculture (Ext. & AR) conducted the survey for physical & financial verification of the scheme.

The activity wise main findings of the team and farm wise (tabular form) results of survey is given in this chapter.

### **3.1 ACTIVITY WISE PHYSICAL AND FINANCIAL OBSERVATIONS**

#### **3.1.1 WATER COURSES**

The teams observed that all water courses were constructed on the respective Adaptive Research Farms and were physically verified and no such issue of fake claim found during the inspection of record. However, some issues regarding the payments to the vendors were observed due to unawareness from the financial rules and lack of capacity of the relevant stakeholders about the PPRA Rules. However it was observed that some segments used for lining of water courses were broken, curing of joints and back earth filling were of poor quality. Broken segments were observed at 12 farms and bubbles in the segments were also noted by the team. It is further pointed out that some payments were made to the vendor without FCR approval. Moreover, some amounts have also been paid to the vendor above than FCR including taxes which seems unjustified as contract award and FCR already included all taxes. It is pertinent to mention that at Adaptive Research Farm Sheikhpura & Farooqabad, 15% extra work could not verified by the team and the payment has been made without FCR. Similarly at GS Farm Karor, Layyah the payment has been made to the vendor without FCR. Tax payment receipts were also missing at Adaptive Research Farm 101/P R.Y.K, 4P Khanpur, R.Y. Khan and Govt. Agri. Experiment Farm, Bahawalpur. Farm wise detail is given as under;

1. **AR Farm Sheikhpura:** Poor backearth filling, bubbles found in the segments and 15% extra work could not be verified by the team.

An extra amount of Rs. 152,299 above the FCR was paid. Moreover, an extra 15% bill payment of Rs. 206,310 has also been paid and no FCR found in the record.

2. **AR Farm Farooqabad:** Poor backearth filling, bubbles found in the segments and 15% extra work could not verified by the team.

An extra mount of Rs. 89,135 above the FCR was paid. Moreover, an extra 15% bill payment of Rs. 284,850 has also been paid and FCR in this regard was not found in the record.

3. **Seed Farm 65/DB Kaloor Kot Bhakar:** Curing of joints between some of the segments was not up to the mark.
4. **18/TDA Farm Bhakar:** Back earth filling issue at some places.
5. **Farida Garden Kaloor Kot Bhakar:** Bubbles and cavities found in some segments.
6. **Mandi Garden Bhakar:** Back earth filling issue at some places.
7. **GS Farm Karor Layyah:** Rs. 6576800 has been paid to the contractor **without FCR.**
8. **ARF Karor Layyah:** Poor Back earth filling and cavities issues found in some places.
9. **Rakh Chabri Zeren D G Khan & Dow Sikhani:** Curing of joints and cavities issues were found between some segments.
10. **GAS Farm Multan:** Some of segments were of poor quality and poor back earth filling.
11. **GFF Farm Khanewal:** **FCR was not signed** by Water Management officer.
12. **GFF Farm Mian Channu:** Poor curing of joints and back earth filling were found.
13. **GAF Farm Sahiwal:** Poor curing of joints. Moreover, no SSC Stamp were seen on 200 segments which seems to be low quality at two branches of watercourse.
14. **GSF Farm Muhammad Nagar:** Curing of joints was poor.
15. **AR Farm VehariL:** Five (05) segments broken.
16. **GSF Farm Vehari:** SSC Stamp was not found on most of segments.
17. **AR Farm Chakwal:** No water courses.

18. **DD Farm Attock:** No water courses.
19. **DD Farm Mianwali:** An amount of Rs. 81,638 was paid above than FCR by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
20. **1 ML, Mianwali:** An amount of Rs. 268,507 was paid above than FCR by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
21. **8 ML, Mianwali:** These water channels and water storage pond were **never used for irrigation purpose as no dressing work seems in lined watercourses**. An amount of Rs. 879,170 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
22. **5-DB, Mianwali:** An amount of Rs. 316,882 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
23. **19/ML, Mianwali:** An amount of Rs. 1,071,299 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
24. **2-DB, Mianwali:** An amount of Rs. 372,845 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
25. **13-DB, Mianwali:** An amount of Rs. 386,704 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
26. **ARF Sargodha:** An amount of Rs. 3,997,500 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.
27. **ADF Sultana Garden, Jaurabad, Khushab:** 18 segments were broken.
28. **ADF 25MB Jaurabad, Khushab:** 16 segments were broken.
29. **Govt. Agri Farm Jhang:** An amount of Rs. 2,739,245 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.

30. **Govt. Agri Farm Gujra:** Documents were incomplete and segments with air bubble & some broken segments were installed. Moreover, naccas were not installed as per design.  
An amount of Rs. 201152 of vendor was withheld by department until the confirmation of satisfactory services delivery by committee.
31. **AR Farm Chak No. 101/P Rahim Yar Khan:** No sand cushion was given under the segments. It was observed that the no end structure of water courses was prepared. Poor back earth filling of culverts. Tax receipts of amount Rs. 12,266 were missing in the record.
32. **Govt. Garden-4P Khanpur, R.Y. Khan (2 water courses):** Naccas of the water course needs repair. Back earth filling needs proper maintenance. Some lined area of the water course needs dressing work because segments were lined before one year. Overall maintenance was not good. Tax receipts of amount Rs. 11030 for watercourse No. 3844L and Rs. 8034 for watercourse No. 18600L were missing in the record.
33. **Adaptive Research Farm RYK:** No water courses.
34. **Govt. Seed Farm, 108/PR RYK:** No water courses.
35. **Govt. Agri. Experiment Farm, Bahawalpur (2 Water Courses):** Wingwall of the culverts need repair. Naccas of water courses were in poor condition. Tax receipts of amount Rs. 140,977 were missing in the record for vegetable farm.
36. **Govt. Garden Bheriwala, Bahawalpur:** One segment was severely damage and leakage was found from water course. Some uninstalled pipe naccas was found at farm. Tax receipts of amounting Rs. 164,618 were missing in the record.
37. **Govt. Shrub Nursery, Bahawalpur:** Taxes receipts of amounting Rs. 84548 were missing in record.
38. **GSF, Chillianwala, Gujranwala:** Broken wing walls were found at most of the culverts. Few naccas were of improper structure.
39. **Govt. AR Farm, Gujranwala:** Open plastic pipe of water course were found near naccas.
40. **AR Farm Kotnaina, Narowal:** No water courses.

### 3.1.2 INSTALLATION OF HEIS

The teams observed that all HEIS were installed on the respective Adaptive Research Farms and were physically verified and no such issue of fake claim found during the inspection of record. However, some issues regarding the payments to the vendors were observed due to unawareness from the financial rules and lack of capacity of the relevant stakeholders about the PPRA Rules. However it was observed that 3 HEIS were found nonfunctional out of 12. At Adaptive Research Farm Chakwal and Attock, the head & flow pressure were not according to the approved design. At Adaptive Research Farm Sheikhpura, FCR was not found in the record but payments to the vendor have been made. Drippers and drip pipes seemed to be sub-standards at some agriculture farms. Moreover, it was observed that PPRA rules were not followed by some Adaptive Research Farms. Farm wise detail is given as under;

1. **AR Farm Sheikhpura:** Drippers and drip pipes seemed to be sub-standard. FCR was not found in the record. Moreover, no record was found regarding FCR and cost estimates of 15% extra work.
2. **ARF Karor Layyah:** System was functional and operational but meter reading (264m<sup>3</sup>) showed that system is being **used rarely**.
3. **GAF Farm Sahiwal:** System was **nonfunctional**. However, full payments were paid to vendor according to approved FCR.
4. **AR Farm Vehari:** satisfactory
5. **AR Farm Chakwal:** Approved **technical estimates missing**. **Head and flow pressure** was not according to set design. Meter reading showed that system is being **used rarely**. **Overlapping** with irrigation scheme. Contract was awarded with exclusive of taxes (**PPRA rules not followed**) while approved **financial estimates missing** in the record.
6. **DD Farm Attock:** Technical estimates have not been revised accordingly 15% extra work. Head and flow was not according to approved design however, meter reading showed that system is being **used rarely**. Venture was **replaced** with fertilizer tank and sand media with hydrocyclone which against the approved design. Contract was awarded with exclusive of taxes (**PPRA rules were not followed**) while approved **financial estimates were not found in the record**.

7. **8-ML, Mianwali:** System was **nonfunctional/nonoperational** and all items were placed in store room. However, full payments of Rs. 1,631,336/- was paid to vendor according to approved FCR.
8. **2-DB, Mianwali: Non-operational** due to non-installation of power source (WAPDA connection). However, full payments of Rs. 1,610,032/- was paid to vendor according to approved FCR.
9. **ARF Sargodha:** Satisfactory.
10. **Govt. Agri Farm Gujra:** System was operational/ functional but, FCR was not approved however, all payments were held by department until the confirmation of satisfactory services delivery by committee.
11. **Govt. Agriculture Experimental Farm, Bahawalpur:** Satisfactory
12. An amount of Rs. 370,579 was pending to be paid to vendor.
13. **AR Farm, Kotnaina, Narowal:** Some droppers were found missing in the drip lines. Basin was not made properly as per canopy of the plants.

### 3.1.3 TUBEWELLS

In regard to the installation of Tube wells, it was observed that out of 45 tube wells, 13 were nonfunctional but demand notices were submitted. Farm Wise detail is given as under;

1. **AR Farm Sheikhupura:** An extra amount of Rs. 89,348 above the FCR was paid.
2. **AR Farm, Farooqabad:** Satisfactory
3. **Seed Farm 65/DB Kaloor Kot Bhakar:** Satisfactory
4. **18/TDA Farm Bhakar:** Satisfactory
5. **ARF Karor Layyah tracor:** Satisfactory
6. **Rakh Chabri Zeren D G Khan and Dow Sikhani (2):** Satisfactory
7. **GAS Farm Multan:** Satisfactory
8. **GFF Farm, Mian Channu Khanewal:** -Tube well was **nonfunctional** because WAPDA estimate needed to be revised
9. **GAF Farm Sahiwal:** Satisfactory
10. **GSF Farm Muhammad Nagar (3):** Satisfactory
11. **AR Farm Vehari:** Satisfactory
12. **GSF Farm Vehari:** Satisfactory

13. **AR Farm Chakwal:** Non-operational due to missing of control panel.
14. **DD Farm Attock:** Control panel was replaced with starter. Cost difference should be justified.
15. **1 ML, Mianwali (2):** Nonoperational due to non-installation of WAPDA connections.
16. **8 ML, Mianwali (2):** One T.W was non-operational due to non-installation of WAPDA connections.
17. **5-DB, Mianwali (2):** Non-operational due to non-installation of WAPDA connection in extension farm.
18. **19/ML, Mianwali:** Non-operational due to non-installation of WAPDA connection.
19. **2-DB, Mianwali:** Non-operational due to non-installation of WAPDA connection.
20. **13-DB, Mianwali:** Non-operational due to non-installation of WAPDA connection.
21. **ARF Sargodha:** Non-operational due to non-installation of WAPDA connection.
22. **ADF Sultana Garden, Jaurabad, Khushab (4):** All Tubewells were operational but, payments were held by department until the confirmation of satisfactory services delivery by committee as well as completion of FCRs.
23. **ADF 25MB Jaurabad, Khushab (3):** All Tubewells were operational but, payments were held by department until the confirmation of satisfactory services delivery by committee as well as completion of FCRs.
24. **Govt. Agri Farm Jhang:** Tubewell was operational but, payments were held by department until the confirmation of satisfactory services delivery by committee as well as completion of FCRs.
25. **Govt. Agri Farm Gujra (2):** For one solar powered T.W, Installed motor was not according to design, however payments withheld while some concerns were found for **Solar system** i.e. approved designed was at 7.5HP while installed 5.5 HP. Solar panel and inverter were not according to approved design. The payments were also withheld by department until the completion of FCR.
26. **Govt. Agriculture Experimental Farm, Bahawalpur:** Satisfactory
27. **Govt. Garden Bheriwala, Bahawalpur:** Satisfactory
28. **GSF, Chailianwala, MBD Gujranwala (3):** Satisfactory
29. **Govt.AR Farm, Gujranwala:** Satisfactory
30. **AR Farm, Kotnaina, Narowal (2): Solar powered** Non-operational. Only bore seen at the spot during verification.

### **3.1.4 WAPDA CONNECTION**

Regarding WAPDA connections it was observed that 11 WAPDA connections were nonfunctional out of 26 connections applied under scheme. Farm wise detail is given as under;

1. **Directorate of Agriculture (FT&AR) Sheikhupura (1)**; Satisfactory.
2. **Directorate of Karor, Layyah (FT & AR) (6)**: Satisfactory
3. **Directorate of Vehari (7)**: only 01 WAPDA connection was non-operational.
4. **Directorate of Chakwal (07)**: Only 01 WAPDA connection was operational. However the demand notice of other 6 were paid but yet not installed.
5. **Directorate of Sargodha (FT & AR) (3)**: None of the WAPDA connection was operational due to delay from WAPDA.
6. **Directorate of Gujranwala (1)**: Demand notice has been paid and delay at the end of WAPDA.

### **3.1.5 LAND DEVELOPMENT, TUNNEL INSTALLATION & PURCHASE OF MACHINERY**

No issues were found in land development, tunnel installation (2) and purchase of rice planter (3) & tractors (17).



### **3.2 Directorate & Farm Wise Physical & Financial Verification (Tabular Form)**

The directorate and farm wise observation of the teams in tabular form is as under;

#### **3.2.1 Directorate of Sheikhpura**

##### **i. AR Farm Sheikhpura**

**Table 1: Physical Progress**

Sr.#	Activity/Item	Physical Verified Y/N	Quality/ Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1.	Improvement of Water courses	Y	Y	-	-	Poor backearth filling, bubbles found in the segments. 15% extra work could not verified by the team.
2.	Installation of HEIS	Y	N	Y	Y	Drippers and drip pipes seemed to be sub-standard. FCR was not found in the record. No record was found regarding FCR and cost estimates of 15% extra work.
3.	Solar powered Tubewells	Y	Y	Y	Y	-
4.	Land Development	Y	-	-	-	-
5.	Rice Transplanter	Y	Y	-	Y	-

**Table 2: Financial**

<b>Sr.#</b>	<b>Activity/Item</b>	<b>As per estimation (Rs.)</b>	<b>Contract Award (Rs.)</b>	<b>Final Completion Report (Rs.)</b>	<b>Payment bills (Rs.)</b>	<b>Balance/ Difference (Rs.)</b>	<b>Deficiency/Remarks</b>
1.	Improvement of Water courses	1,584,783	1,584,783	1,432,484	1,584,783	152,299	An extra amount of Rs. 152,299 above the FCR was paid. Extra 15% bill payment of Rs. 206,310 has also been paid and no FCR found in the record.
2.	Installation of HEIS	1,067,000	1,018,985	Not found	1,018,985	-	FCR, Cost estimate and payment of 15% extra work was not found in the record.
3.	Solar powered Tubewell	749,000	749,000	659,652	749,000	89,348	An extra amount of Rs. 89,348 above the FCR was paid.
4.	Land Development	291,445	291,445	291,445	291,445		
5.	Rice transplanter	1,835,000	1,835,000	1,835,000	1,835,000	-	

ii. AR Farm, Farooqabad

**Table 3: Physical Progress**

Sr.#	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1.	Improvement of Water courses	Y	Y	-	-	Poor backearth filling, bubbles found in the segments. 15% extra work could not verified by the team.
2.	Installation of Tubewells	Y	Y	-	Y	-
3.	WAPDA Connection	Y	Y	-	Y	
4.	Land Development	Y	-	-	-	

**Table 4: Financial Progress**

Sr.#	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1.	Improvement of Water Courses	1912077/-	1,899,810/-	1,810,603	1899738/-	89,135	An extra mount of Rs. 89,135 above the FCR was paid. Extra 15% bill payment of Rs.284,850 has also been paid and no FCR found in the record.
2.	Installation of Tubewells	900000	999385	999385	954413/-	44972/-	
3.	WAPDA Connection	-	110000/-		110000/-	0	
4.	Land Development	-	145000/-	145000/-	145000/-		

### 3.2.2 Directorate of Karor, Layyah

#### i. Seed Farm 65/DB Kaloor Kot Bhakar

**Table 5: Physical Progress**

Sr.#	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1.	Watercourse Improvement	Y	N	-	-	2 segments broken, Curing of joints between some of the segments was not upto the mark
2.	Installation of Tube well	Y	Y	-	Y	Satisfactory
3.	WAPDA Connection	Y	Y	-	N	Transformer taken back by WAPDA for replacement
4.	Land Development	Y	-	-	Y	Satisfactory

**Table 6: Financial Progress**

Sr.#	Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1.	Watercourse Improvement	4447412	4804470	4804470	4177800	626670	-
2.	Installation of Tube well	615000	615000	615000	615000	0	Satisfactory
3.	WAPDA Connection	294710	294710	294710	294710	0	Satisfactory
4.	Land Development	1080000	1080000	1080000	1080000	0	Satisfactory
5.	Storage pond	-	700,000	700,000	700,000	0	Satisfactory

ii. 18/TDA Farm Bhakar

**Table 7: Physical Progress**

Sr. No	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Purchase of Tractor	Y	Y	-	Y	Satisfactory
2	Improvement of Watercourse	Y	N	-	Y	One segment broken Back earth filling issue at some places
3	Installation of Tubewell	Y	Y	-	Y	Satisfactory
4	WAPDA Connection	Y	Y	-	Y	Satisfactory.

**Table 8: Financial Progress**

Sr. No	Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Purchase of Tractor	1163925	1163925	1163925	1163925	0	None
2	Improvement of Watercourse	669207	358911	358911	176251	182660	None
3	Installation of Tubewell	615000	615000	615000	615000	0	Satisfactory
4	WAPDA Connection	538800	538800	538800	538800	0	Satisfactory

iii. Farida Garden Kaloor Kot Bhakar

**Table 9: Physical Progress**

Sr. No	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Purchase of Tractor	Y	Y	-	Y	Satisfactory
2	Improvement of Watercourse	Y	N	-	N	One segment broken. Bubbles and cavities found in some segments.

**Table 10: Financial Progress**

Sr. No	Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Purchase of Tractor	1163925-	1163925	1163925	1163925	0	Documents missing.
2	Improvement of Watercourse	3059331	3444250	3444250	3444250	0	None

iv. Mandi Garden Bhakar

**Table 11: Physical Progress**

Sr. No	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Improvement of Watercourse	Y	Y	-	Y	Back earth filling issue at some places
2	WAPDA Connection	Y	Y	-	Y	Satisfactory.

**Table 12: Financial Progress**

Sr. No	Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Improvement of Watercourse	2,001,268	2,238,600	2,238,600	1,947,400	291200	Satisfactory
2	WAPDA Connection	414340	414340	414340	414340	0	Satisfactory

v. **GS Farm Karor Layyah**

**Table 13: Physical Progress**

Sr. No	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Improvement of Watercourse (2)	Y	Y	-	-	Satisfactory
2	WAPDA Connection	Y	Y	-	Y	Satisfactory

**Table 14: Financial Progress**

Sr. No	Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Improvement of Watercourse (2)	8472800	8472800	Not found	6576800	0	FCR not found
2	WAPDA Connection	221600	221600	221600	221600	0	Satisfactory



vi. ARF Karor Layyah

**Table 15: Physical Progress**

Sr. No	Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Improvement of Watercourse	Y	N	-	-	One segment broken Back earth filling issue at some places. Cavities found in some segments.
2	Installation of HEIS	Y	Y	Y	Functional but not as per design	HEIS system functional with water meter reading (264m3)
3	Installation of Tubewell	Y	Y	-	Y	Tube well by tractor
4	WAPDA Connection	Y	Y	-	Y	Satisfactory.

**Table 16: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	4857848	3517020	3517020	3058380	629640	-
Installation of HEIS	1000000	999276	999276	999276	0	Satisfactory
Installation of Tubewell	1528184 369000	1528184 369000	1528184 369000	1528184 369000	0	1528184 for turbine and 369000 for tractor driven
WAPDA Connection	193500	193500	193500	193500	0	Satisfactory

vii. Rakh Chabri Zeren D G Khan and Dow Sikhani

**Table 17: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Improvement of Watercourse	Y	N	-	-	One segment found poor quality and curing of joints issues found between some segments. Cavities found in few segments.
Installation of Tubewell	Y	Y	-	Y	Satisfactory
WAPDA Connection	Y	Y	-	Y	Satisfactory
Land Development	Y	Y	-	Y	Satisfactory

viii. Dow Sikhani D G Khan

**Table 18: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Improvement of Watercourse	Y	Y	-	Y	Satisfactory
Installation of Tube Well	Y	Y	-	Y	Satisfactory

**Table 19: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	3589713	3510000	3510000	3510000	0	None
Installation of Tubewell	683000	683000	683000	683000	0	
WAPDA Connection	415500	415500	415500	415500	0	Satisfactory
Land Development	431252	431252	431252	431252	0	Satisfactory

Note: Payments for both Chabri and Dow Sikhani are given in Chabri Table VII.

### 3.2.3 Directorate of Vehari

#### i. GAS Farm Multan

**Table 20: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Purchase of Tractor	Y	Y	-	Y	Satisfactory
Improvement of Watercourse	Y	N	-	-	One segment broken. Some of segments were of poor back earth filling.
Installation of Tubewell	Y	Y	-	Y	Satisfactory
WAPDA Connection	Y	Y	-	Y	Line and water meter were replaced.

**Table 21: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Purchase of Tractor	1099350	1099350	1099350	1099350	0	Satisfactory
Improvement of Watercourse	1770668	1770000	1697979	1697979	0	Satisfactory
Installation of Tube well	1970654	1455977	1455977	1455977	0	Satisfactory
WAPDA Connection	92520	92520	92520	92520	0	Satisfactory

ii. GFF Farm Khanewal

**Table 22: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Missing docs.	Deficiency/Remarks
Improvement of Watercourse	Y	Y	-	Y	FCR not signed by Water Management	One segment broken, FCR not signed by Water Management

**Table 23: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	1531341	1530000	1611891	1611891	0	FCR not signed by Water Management

iii. GFF Farm Mian Channu Khanewal

**Table 24: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Purchase of Tractor	Y	Y	-	-	Satisfactory
Improvement of Watercourse	Y	N	-	Y	Curing of joints average Back earth filling average
Installation of Tubewell	Y	Y	-	N	Tube well not working because WAPDA estimate needed to be revised
WAPDA Connection	Y	Y	-	N	Estimate will be revised because of court stay order on route of WAPDA connection.

**Table 25: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	4995827	4980000	4935994	4935994	0	-
Installation of Tube well	2416840	1606498	800000	800000	0	
WAPDA Connection	433735	433735	Revised 611965		0	Not working now

iv. GAF Farm Sahiwal

**Table 26: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Purchase of Tractor	Y	Y	-	Y	Satisfactory
Improvement of Watercourse	Y	N	-	-	Curing of joints average One segment broken At two branches of watercourse there was no SSC Stamp 200 segments were of low quality
Installation of HEIS	Y	N	Y	N	Was not taken care off
Installation of Tubewell	Y	Y	-	Y	Satisfactory
WAPDA Connection	Y	Y	-	Y	Only connection was shifted.

**Table 27: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	5593417	5856100	5756117	5756117	0	Satisfactory
Installation of HEIS	1657850	165780	1398326	1398326	0	Satisfactory
Installation of Tube well	1672276	1575000	1575000	1575000	0	
WAPDA Connection	53350	53350	53350	53350	0	Satisfactory

v. GSF Farm Muhammad Nagar

**Table 28: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Purchase of Tractor	Y	Y	-	Y	Satisfactory
Improvement of Watercourse	Y	Y	-	-	Curing of joints average
Installation of Tubewell (3)	Y	Y	-	Y	Satisfactory
WAPDA Connection (2)	Y	Y	-	Y	There were three connections but shifted only

**Table 29: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	4164034	4165900	3,979,060	1,300,000	2697060	Satisfactory
Installation of Tube well (3)	5046900	4750000	4477500	4450000	27500	-
WAPDA Connection (2)	581250	581250	581250	581250	0	Satisfactory

vi. AR Farm Vehari

**Table 30: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Improvement of Watercourse	Y	Y	-	-	Five segments broken
Installation of HEIS	Y	Y	Y	Y	Satisfactory
Installation of Tubewell	Y	Y	-	Y	Satisfactory
WAPDA Connection	Y	Y	-	Y	Satisfactory

**Table 31: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
Improvement of Watercourse	2078294	2085690	1793167	1793167	0	Satisfactory
Installation of HEIS	1690900	1690900	1622530	1622530	0	Satisfactory
Installation of Tube well	2124966	1555977	1455977	1455977	0	Satisfactory
WAPDA Connection	229100	229100	229100	229100	0	satisfactory



vii. GSF Farm Vehari

**Table 32: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
Purchase of Tractor	Y	Y	-	Y	
Improvement of Watercourse	Y	N	-	-	Three segments broken SSC Stamp was not found on most of segments
Installation of Tubewell	Y	Y	-	Y	Satisfactory
WAPDA Connection	Y	Y	-	Y	Satisfactory

**Table 33: Financial Progress**

Activity /Item	As per estimation	Contract award	Final Completion Report	Payment bills	Balance /Difference	Deficiency/Remarks
Improvement of Watercourse	3617222	3529250	3528992	3528992	0	-
Installation of Tube well	2155532	1455977	1455977	1455977	0	Satisfactory
WAPDA Connection	283259	283259	283259	283259	0	Satisfactory

### 3.2.4 Directorate of Chakwal

#### i. AR Farm Chakwal

**Table 34: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Installation of HEIS	Y	N	Y	Y	Approved <b>technical estimates missing</b> . <b>Head and flow pressure</b> was not according to set design. System is being <b>used rarely</b> . <b>Overlapping</b> with irrigation scheme (50%).
2. Installation of Tube well	Y	Y	-	N	<b>Non-operational</b> due to <b>missing of control panel</b> .
3. WAPDA Connection	Y	Y	-	Y	Satisfactory
4. Storage pond	Y	Y	-	Y	Satisfactory

**Table 35: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Installation of HEIS	Not given	860,000 Exclusive taxes	971,619	971,619	0	Contract awarded with exclusive of Taxes ( <b>PPRA rules not followed</b> ). Approved <b>financial estimates missing</b>
2. Installation of Tube well	712,500	710,000	710,000	710,000	0	Satisfactory
3. WAPDA Connection	-	-	412,530	412,530	0	Satisfactory
4. Storage pond	-	700,000	700,000	700,000	0	Satisfactory

ii. DD Farm Attock

**Table 36: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Missing docs.	Deficiency/Remarks
1. Installation of HEIS	Y	N	N	Y	-	Technical estimates have not been revised accordingly to 15% extra work. Head and flow was not according to approved design. Venture was <b>replaced</b> with fertilizer tank and sand media with hydrocyclone. System is being <b>used rarely</b> .
2. Installation of Tube well	Y	N	-	Y	None	<b>Control panel was replaced</b> with starter.

**Table 37: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
3. Installation of HEIS	-	1,052,250 Exclusive tax	1,189,100	1,189,100	0	Contract awarded with exclusive of Taxes ( <b>PPRA rules were not followed</b> ). Approved <b>financial estimates missing</b> .
4. Installation of Tube well	884,444	880,000	880,000	880,000	0	Satisfactory

iii. DD Farm Mianwali

**Table 38: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	-	Satisfactory
2. Purchase of tractor	Y	N	-	Y	Satisfactory

**Table 39: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses	657,680	700,000	522,571	604,209	-	An amount of Rs. 81,638 above than FCR was paid by department. Department claimed an amount of 77,670 in favor of taxes (@7.5%) were paid in revised estimation while in FCR already included all the taxes.

iv. 1 ML, Mianwali

**Table 40: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	-	Satisfactory
2. Installation of Tube well (2)	Y	Y	-	N	Nonoperational due to non-installation of WAPDA connections.
3. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.

**Table 41: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		2,765,000	2,470,728	2,739,235	268,507	An amount of Rs. 268,507 was paid above than FCR by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
2. Installation of Tube well (2)		1,660,000	1,660,000	1,660,000	0	Satisfactory
3. WAPDA Connection		746,180	746,180	746,180	0	

v. 8 ML, Mianwali

**Table 42: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Purchase of tractor	Y	Y	-	Y	Satisfactory
2. Improvement of water courses & Storage pond	Y	Y	-	-	These water channels and water storage pond never used for irrigation purpose.
3. Installation of HEIS	Y	Y	Y	N	All items were placed in store room.
4. Installation of Tube well (2)	Y	Y	-	N	One (1) T.W non-operational due to non-installation of WAPDA connections.
5. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.
6. Land development	Y	-	-	N	No crop was grown

**Table 43: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses & Storage pond		7,085,000	5,812,653	6,839,378	879,170	These water channels and water storage pond were <b>never used for irrigation purpose as no dressing work seems in lined watercourses</b> . An amount of Rs. 879,170 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
2. Installation of HEIS		1,631,336	1,631,336	1,631,336	0	Satisfactory
3. Installation of Tube well (2)		2124100	2124100	2124100	0	Satisfactory
4. WAPDA Connection		311,510	311,510		0	

vi. 5-DB, Mianwali

**Table 44: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	N	Satisfactory
2. Installation of Tube well (2)	Y	Y	-	N	Non-operational due to non-installation of WAPDA connections.
3. WAPDA Connection	Y	-	-	N	Demand notice paid but not installed yet.

**Table 45: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		2,280,000	1,942,737	2,259,619	316,882	An amount of Rs. 316,882 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
2. Installation of Tube well (2)		1160000	1160000	1160000	0	Satisfactory
3. WAPDA Connection		1,066,620	1,066,620	1,066,620	0	

vii. 19/ML, Mianwali

**Table 46: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	-	Satisfactory
2. Installation of Tube well	Y	Y	-	N	Non-operational due to non-installation of WAPDA connections.
3. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.

**Table 47: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/ Remarks
2. Improvement of water courses		3,654,000	2,508,980	3,580,279	1,071,299	An amount of Rs. 1,071,299 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
3. Installation of Tube well		1,060,600	1,060,600	1,060,600	0	Satisfactory
4. WAPDA Connection		412,530	412,530	412,530	0	



viii. 2-DB, Mianwali

**Table 48: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	-	Satisfactory
2. Installation of HEIS	Y	Y	Y	N	Non-operational due to no power source (WAPDA).
3. Installation of Tube well	Y	-	-	N	Non-operational due to non-installation of WAPDA connection.
4. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.
5. Land development			-		

**Table 49: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		3,980,000	3,679,654	4,052,499	372,845	An amount of Rs. 372,845 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
2. Installation of HEIS		1610032	1610032	1610032	0	
3. Installation of Tube well		940,000	940,000	940,000	0	Satisfactory
4. WAPDA Connection		721510	721510	721510	0	
5. Land development			1681528	1681528	0	

ix. 13-DB, Mianwali

**Table 50: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses	Y	Y	-	-	Satisfactory
2. Installation of Tube well	Y	Y	-	N	Non-operational due to non-installation of WAPDA connection.
3. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.
4. Land development			-		

**Table 51: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses	-	3,654,000	3,193,575	3,580,279	386,704	An amount of Rs. 386,704 above than FCR was paid by department including taxes (@7.5%) which seems unjustified as contract award and FCR already included all taxes.
2. Installation of Tube well	-	1,147,330	1,147,330	1,147,330	0	- Satisfactory
3. WAPDA Connection	-	1314700	1,314,700	1,314,700	0	-
4. Land development	-		1,445,548	1,445,548	0	

### 3.2.5 Directorate of Sargodha

#### i. ARF Sargodha

**Table 52: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Improvement of water courses & water pond	Y	Y	-	-	Satisfactory
2. Installation of HEIS	Y	Y	Y	Y	Satisfactory
3. Installation of Tube well	Y	Y	-	N	Non-operational due to non-installation of WAPDA connection.
4. WAPDA Connection	Y	-	-	N	Demand notice submitted but not installed yet.
5. Land development	Y	-	-	-	Satisfactory
6. Installation of Tunnel	Y	Y	-	N	Non-operational due to off season.

**Table 53: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		3,047,500	2,650,000	2,650,000	3,997,500 Withheld	An amount of Rs. 3,997,500 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.
2. Installation of HEIS		976,295	-	903,073	73,222	4th installment and security amount withheld
3. Installation of Tube well		159600	159600	159600	0	- Satisfactory
4. WAPDA Connection		268,900	268,900	268,900	0	-
5. Land development			71036	71036	0	
6. Installation of Tunnel		598871	598871	598871	0	Satisfactory

ii. **ADF Sultana Garden, Jaurabad, Khushab**

**Table 54: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Purchase of tractor	Y	Y	-	Y	Satisfactory
2. Improvement of water courses	Y	N	-	-	18 segments were broken.
3. Installation of Tube well (4)	Y	Y	-	Y	- FCR has not been made yet.
4. Land development	Y	-	-	-	Satisfactory

**Table 55: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		7228242	7228242	7228242	0	- Satisfactory
2. Installation of Tube well (4)	-	3189000 (07 T.W)	0	0	0	- All payments were held by department until the confirmation of satisfactory services delivery by committee.
3. Land development			1,144,158	1,144,158	0	

iii. ADF 25MB Jaurabad, Khushab

**Table 56: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Purchase of tractor	Y	Y	-	Y	Satisfactory
2. Improvement of water courses	Y	N	-	-	16 segments were broken.
3. Installation of Tube well (3)	Y	Y	-	Y	FCR has not been made yet.
4. Land development	Y	-	-	-	Satisfactory

**Table 57: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses		6004000	6004000	6004000	0	Satisfactory
2. Installation of Tube well (3)		3,189,000 (7 T.W)	0	0	0	All payments were held by department until the confirmation of satisfactory services delivery by committee.
3. Land development		confirm from FC	Ok		0	

iv. Govt. Agri Farm Jhang

**Table 58: Physical Progress**

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Purchase of tractor	Y	Y	-	Y	Satisfactory
2. Improvement of water courses	Y	N	-	-	6 segments were broken.
3. Installation of Tube well	Y	Y	-	Y	FCR has not been made yet.
4. WAPDA Connection	Y	-	-	N	Demand notice submitted
5. Land development	Y	-	-	-	Amount has released yet by directorate of Sargodha

**Table 59: Financial Progress**

Activity /Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1. Improvement of water courses	-	8,566,000	7699225	4959980	- 2739245 4 <sup>th</sup> installment and 15%	An amount of Rs. 2,739,245 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.
2. Installation of Tube well	-	1327670	0	0	0	All payments were held by department until the confirmation of satisfactory services delivery by committee.
3. WAPDA Connection	-	356920	356920	356920	0	
4. Land development	-	700000	0	0	0	Amount has released yet by directorate of Sargodha

v. Govt. Agri Farm Gujra

Table 60: Physical Progress

Activity /Item	Physically verified Y/N	Quality/ specs Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1. Purchase of tractor	Y	Y	-	Y	Satisfactory
2. Improvement of water courses	Y	N	-	-	Documents incomplete Segments with air bubble installed Broken segments. Naccas not installed as per design
3. Installation of HEIS	Y	Y	Y	Y	FCR not approved.
4. Installation of Tube well (2)	Y	N	-	Y	Installed motor was not according to design, however payments withheld.
5. WAPDA Connection	Y	-	-	N	Demand notice submitted
6. Land development	Y	-	-	-	Amount has released yet by directorate of Sargodha
7. Installation of solar system	Y	N	-	Y	Designed at 7.5HP while installed 5.5 HP Solar panel and inverter are not accordingly as per approved design

**Table 61: Financial Progress**

Activity /Item		As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remark
Improvement of water courses			3669650	3669650	3468498	201152 (4 <sup>th</sup> ) and 15% security	An amount of Rs. 201152 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.
Installation of HEIS			954500	0	0		All payments were held by department until the confirmation of satisfactory services delivery by committee.
Installation of Tube well (2)			1788460	0	0	0	All payments were held by department until the confirmation of satisfactory services delivery by committee.
WAPDA Connection			653660	653660	653660	0	
Water storage pond			1358282	1358282	7306732	-627610	An amount of Rs. 627610 of vendor withheld by department until the confirmation of satisfactory services delivery by committee.
Installation of Solar system			1040000	0	0	0	Payments were held by department until the confirmation of satisfactory services delivery by committee.



### 3.2.6. Directorate of Rahim Yar Khan

#### i. AR Farm Chak No. 101/P Rahim Yar Khan

**Table 62: Physical**

	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Improvement of Water courses	Y	Y	-	-	<p>i. Further, FCR depicted that sand cushion was used for installation of segments and amount in this regard has been charged in the FCR. But during the physical verification no sand cushion under the installed segments found by the team.</p> <p>ii. Furthermore the verification team observed that the end structure of water course was not prepared and it is also not included in the civil work. The verification team suggested that the end structure of water course may be constructed to enhance the safety/durability of the structure.</p> <p>iii. Additionally, verification team observed that Back Earth Filling of culverts was not made properly. Therefore, it needs to be done up to the mark.</p>
2	Land Development	Y	-	-	-	-

**Table 63: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Improvement of Water Courses	2573392/-	2573392/-	2958250/-	2945984/-	0	Satisfactory
2	Land Development				196251/-	-	

ii. Government Prog. Garden – 4P, Khanpur, Rahim Yar Khan

Table 64: Physical

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Improvement of Water courses (3844-L)	Y	Y	-	-	i. Naccas of the water course needs repair ii. Back earthe filling needs proper maintenance iii. Some lined area of the water course needs dressing work because segments were lined before one year.
	Water Course (18600-L)	Y	Y	-	-	i. Naccas need severe dressing ii. Overall maintenance was not good.

Table 65: Financial

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/Difference (Rs.)	Deficiency/Remarks
1	Improvement of Water Course (3844-L)	1046929/-	910370/-	1046929/-	1035600/-	0	Dir. FT&R told that he paid Rs. 1046929/- but in documents of tax paid of Rs 11030 was missed.
	Water Course (18600-L)	575542/-	500463	575442/-	567408	66945/-	Dir. FT&R told that he paid Rs. 575442/- but in documents tax paid of Rs. 8034 was missed

iii. Adaptive Research Farm, Rahim Yar Khan

**Table 66: Physical**

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Land Development	Y	-	-	-	Dir. FT&R may give certificate about what the work done under this head

**Table 67: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/Difference (Rs.)	Deficiency/Remarks
1	Land Development				150000/-	-	Dir. FT&R may give certificate about what the work is done under this head.

iv. Govt. Seed Farm, 108/PR, Rahim Yar Khan

**Table 68: Physical**

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Land Development	Y	-	-	-	Dir. FT&R may give certificate about what the work done under this head

**Table 69: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/Difference (Rs.)	Deficiency/Remarks
1	Land Development				116187/-	-	Dir. FT&R may give certificate about what the work is done under this head.

v. Govt. Agriculture Experimental Farm, Bahawalpur

Table 70: Physical

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Purchase of tractor	-	-	-	-	
2	Improvement of Water courses	Y	Y	-	Y	Wingwall of the culverts need repair. Naccas of water course is in poor condition which also required repair.
	Water Course (Shrub Nursery)	Y	Y	-	Y	Water Course is in good condition
	Water Course (Vegetable Farm)	Y	Y	-	Y	Water Course is in good condition
3	Installation of HEIS	Y	Y	Y	Y	Drip installed on 6.5 acre which is functioning in good condition
4	Installation of Tubewells	Y	Y	-	Y	Working in good condition
5	WAPDA Connection	Y	Y	-	Y	
6	Land Development	Y	-	-	-	
7	Installation of tunnel	Y				Tunnel installed at 0.5 acre

**Table 71: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Improvement of Water Courses	2581805/-	2827076/-	3020528/-	2710925/-	309603/-	Dir. FT&R told that he paid Rs. 3020528/- but cheque of Rs 309603/- is missed from documents.
	Water Course (Shrub Nursery)	882389/-	970627/-	963052/-	878504/-	92123/-	Dir. FT&R told that remaining are taxes which are paid 84548 tax missing.
	Water Course (Vegetable Farm)	1493026/-	1642328/-	1642278/-	1501301/-	141027/-	Dir. FT&R told that remaining amount is tax which are paid Tax receipts of amount Rs. 140,977 were missing in the record for vegetable farm.
2	Installation of HEIS	1170579/-	1170579/-	1170579/-	800,000/-	370579/-	Dir. FT&R told that remaining amount of Rs.370579 is pending
3	Installation of Tubewells	1162900/-	1162900/-	1162900/-	1162900	0	
4	WAPDA Connection	1333868/-	-	-	1333868/-	0	Combine cheaque payments are paid by DIR. FT&R of two farms of Dist. Bahawalpur (Agri. Exp. Farm and Govt. Garden Bheriwala)
5	Land Development	-	-	253200/-	253200/-	0	
6	Installation of tunnel	450000/-	364000/-	364000/-	364000/-	0	

vi. Govt. Garden Bheriwala, Bahawalpur

**Table 72: Physical**

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Purchase of tractor	Y	Y	-	Y	
2	Improvement of Water courses	Y	Y	-	-	At one place segment was severely damage and leakage found from water course. Some uninstalled pipe naccas was found at farm
3	Installation of Tubewells	Y	Y	-	Y	
4	WAPDA Connection	Y	Y	-	Y	

**Table 73: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Purchase of Tractor	-	-	-	-	-	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2	Improvement of Water Courses	1751684/-	1926852/-	1919748/-	1755130	171722/-	One segment was severely damage and leakage was found from water course. Some uninstalled pipe naccas was found at farm. Tax receipts of amounting Rs. 164,618 were missing in the record.
3	Installation of Tubewells	878650/-	1169000	1292650/-	1022858	146142/-	Dir. FT&R told that Balance amount is the tax which has been paid. Work order and FCR are missed from Docu.
4	WAPDA Connection	1333868/-	-	-	1333868/-	0	Combine cheque payments are paid by DIR. FT&R of two farms of Dist. Bahawalpur (Agri. Exp. Farm and Govt. Garden Bheriwala)

### 3.2.7 Directorate of Gujranwala

#### i. GSF, Chailianwala, MBD Gujranwala

**Table 74: Physical**

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1	Purchase of tractor	Y	Y	-	Y	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2	Improvement of Water courses	Y	Y	-	-	Broken wing wall found at most of the culverts. Few naccas have improper structure.
3	Installation of Tubewells (3)	Y	Y	-	Y	Satisfactory
4	Land Development	Y		-		92 Acre of Land have been developed
5	Purchase of Rice Transplanter	Y	Y	-	Y	
6	Storage Pond	Y	Y	-		
7	Solar System	Y	Y	-		

**Table 75: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1	Purchase of Tractor	-	-	-	-	-	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2	Improvement of Water Courses	1502498/-	1942/m (886m) 1720612	1720612/-	1730612/-	10,000	Balance amount is tax which have been paid
3	Installation of Tubewells (3)	1539000/-	1006160/-	1287174/-	1287174/-	274,514	Balance amount is tax which have been paid
4	Land Development	395000/-	-	-	395000/-	0	92 acre of land have been developed at the farm
5	Purchase of rice transplanter	1268000/-			1268000/-		Amount paid for rice transplanter alongwith trays.
6	Storage Pond	774193/-	189500/- for three water tanks		750,000	-	The requisite amount have been paid alongwith taxes
7	Solar System						Solar amount calculated alongwith tubewell.



ii. Govt.AR Farm, Gujranwala

Table 76: Physical

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functionality Y/N	Deficiency/Remarks
1	Purchase of tractor	Y	Y	-	Y	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2	Improvement of Water courses	Y	Y	-	-	Open plastic pipe of water course were found near naccas.
4	Installation of Tubewells	Y	Y	-	Y	
6	Land Development	Y		-		40 acres of land have been developed
8	Purchase of Rice Transplanter	Y	Y	-	Y	
9	Storage Pond	Y	Y	-		
10	Solar System	Y	Y	-		

**Table 77: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/Difference (Rs.)	Deficiency/Remarks
1	Purchase of Tractor	-	-	-	-	-	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2	Improvement of Water Courses	1664406/-	-	1664406/-	2463104/-	798698/-	The balance amount has been paid Rs 49500/- for repairing of water course and construction of ponds (Rs. 750,000)
4	Installation of Tubewells	1539000	1119250/-	1201559/-	1201559/-	82309/-	The balance amount paid for RE Survey, Well drilling and for well material
6	Land Development	223000/-			223000/-	0	40 acres of land have been developed.
8	Purchase of rice transplanter	1268000	1268000		1268000/-	0	
9	Storage Pond						
10	Solar System						

iii. AR Farm, Kotnaina, Narowal

Table 78: Physical

Sr. No.	Activity/Item	Physical Verified Y/N	Quality/Specification Y/N	Bill of Quantity Y/N	Functional Y/N	Deficiency/Remarks
1.	Purchase of tractor	Y	Y	-	Y	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2.	Installation of HEIS	Y	Y	Y	Y	Some drippers found missing in the Drip. Basin was not made properly as per canopy of the plants
3.	Installation of Tubewells (2)	Y	Y	-	Y	Only bore seen at the spot during verification
4.	WAPDA Connection	Y	-	-	N	
5.	Land Development	Y		-		82 acres of land have been developed
6.	Installation of tunnel	Y		-		Tunnel installed on 3 acres
7.	Purchase of Rice Transplanter	Y	Y	-	Y	
8.	Storage Pond	Y	Y	-		
9.	Solar System	Y	Y	-		

**Table 79: Financial**

Sr. No.	Activity/Item	As per estimation (Rs.)	Contract Award (Rs.)	Final Completion Report (Rs.)	Payment bills (Rs.)	Balance/ Difference (Rs.)	Deficiency/Remarks
1.	Purchase of Tractor	-	-	-	-	-	Dir. FT&R told that the tractor invoice is placed at headquarter Lahore and payments were also made at HQ, Lahore.
2.	Installation of HEIS	821049/-	816049/-	816049/-	816049/-	0	
3.	Installation of Tubewells with solar (2)	850500	752641/-	751984	7520000	641	Dir. FT&R paid less as per awarded
4.	WAPDA Connection		592000/-		592000/-	0	Only pole found at the spot whereas no transformer and meter are installed yet.
5.	Land Development				200,000		82 acres of land have been developed.
6.	Installation of tunnel	-	810810/-	810810/-	810810/-	0	
7.	Purchase of rice transplanter		1268000/-		1268000/-	0	
8.	Storage Pond		395000/-		395000/-	0	
9.	Solar System						

## **CHAPTER 4**

### **Suggestions/Recommendations**

To make the scheme successful and to get the maximum benefit following are the suggestions of the survey team.

- 1- Regular repair maintenance of water courses especial back earth filling, joints of Naccas and dressing of water courses may be ensured.
- 2- Non-operational HEIS may be rectified to make it operational/ functional.
- 3- PMU, PIPIP & WM staff of relevant district may assigned duties for regular backup and support for any rectification of water courses, HEIS and tube wells.
- 4- Expedite the process to complete the pending tasks especially WAPDA connections.
- 5- For such future schemes, proper trainings regarding PPRA Rules, procurement procedure as well as taxes distribution may provide to the relevant stakeholders to enhance their capacity building and bridging-up knowledge Gap and contract may be given to only pre-qualified firms (SSCs) in case of HEIS.
- 6- Pending FCRs may be completed quickly.

**Annexure A**

**Funds Required under Khadim-e-Punjab Kissan Package of Govt. of the Punjab Scheme “Uplifting of Extension Farms”**

Work Description	Funds Required (Rs. Millions)	Funds Required in	
		Object Codes	Functional Classification
<b>Improvement of Watercourses</b>	150.00	AO6470	Others
<b>Installation of High Efficiency Irrigation System</b> (with the help of Water Management Wing)			
<b>Land leveling through Field Wing.</b> (Hiring & POL Charges for Bulldozers)	10.00	A03915	By transfer to other.....
<b>POL Charges for Land Development</b> (Land leveling with Front or Rear Blade operated with own Tractor <b>OR</b> Land leveling with Laser Leveler operated with own Tractor <b>OR</b> Preparation of Road/Paths with own tractor <b>OR</b> Ploughing with self Tractor to do various development works)	10.00	AO3807	POL for Machinery
<b>Purchase of Machinery items</b> (Tractors etc.)	70.00	AO9601	Purchase of Plant & Machinery
<b>Installation of Pumps and Tube wells</b>			
<b>Installation of Tunnel</b>			
<b>WAPDA Charges for New Connections</b> (Transformer, Transmission Lines etc.)	10.00	AO3303	Electricity
<b>Total</b>	<b>250.00</b>		

## Annexure B

### Monitoring Committee for Installation of Tube Wells

<b>Sr. #</b>	<b>Members</b>	<b>Position</b>
1	Director (F,T & AR) concerned	Chairman
2	Assistant. Agriculture Engineer (WD) field wing of concerned District.	Member
3	SSMS (Agronomy) AD (Farms)/ Farm Manager	Member

#### TORs

- i. Preparation of Documents of required work
- ii. Assistance in preparation of Tender Documents
- iii. Admn. Approval and Technical Sanction of work
- iv. Physical inspection of quality work at site
- v. Issuance of completion certificate.

**Annexure C**

**Monitoring Committee for Construction of Water Courses, HEIS,  
Tunnels etc.**

<b>Sr. #</b>	<b>Members</b>	<b>Position</b>
1	Director (F,T & AR) concerned	Chairman
2	Deputy Director (WM) concerned	Member
3	Water Management Officer concerned	Member
4	SSMS (Agronomy) AD (Farms)/ Farm Manager	Member/Secretary

**TORs**

- i. Preparation of Documents of required work
- ii. Assistance in preparation of Tender Documents
- iii. Monitoring and supervision of work at the farms
- iv. Admn. Approval and Technical Sanction of work
- v. Physical progress of work.
- vi. Issuance of completion certificate.



**Annexure D**

**Monitoring Committee for Purchase of Machinery and Equipment**

<b>Sr. #</b>	<b>Members</b>	<b>Position</b>
1	Director (F,T & AR) concerned	Chairman
2	Purchase Officer, AFPC	Member
3	Assistant Agri. Engineer (workshop) Field Wing	Member
4	SSMS (Agronomy) AD (Farms)/ Farm Manager	Member

**TORs**

- i. Preparation of Documents of required work
- ii. Assistance in preparation of Tender Documents
- iii. Monitoring and supervision in purchase of machinery and equipment
- iv. Admn. Approval and Technical Sanction of work
- v. Physical inspection of machinery and equipment.
- vi. Issuance of completion certificate.

## Annexure E

### Evaluation Committee for Implementation, Monitoring and Evaluation of Management Plan for Up-Gradation of Agriculture Extension and AR Farms

Sr. #	Members	Position
1	Additional Secretary (Planning) Agriculture Department, Government of the Punjab	Convener
2	Chief Executive PARB, Lahore	Member
3	Director General Agriculture (Ext & AR), Punjab Lahore	Member
4	Director General Agriculture (Research), AARI, Faisalabad	Member
5	Director General Agriculture (Field), Punjab Lahore	Member
6	Director General Agriculture (OFWM), Punjab Lahore	Member
7	Deputy Secretary (Planning), Agriculture Department, Government of the Punjab	Member
8	Director Crop Reporting Services, Punjab Lahore	Member
9	Director Agriculture Extension (Hq), o/o DGA (Ext & AR), Punjab Lahore	Member
10	Director Agriculture (P,M & E), DGA (Ext & AR)	Member
11	Director Agriculture Extension, Faisalabad Division	Member
12	Director (F,T & AR) Vehari.	Member
13	Monitoring and Evaluation Analyst, ADU	Member
14	Director Coordination (F, T & AR), Punjab Lahore	Member/Secretary

## **TORs**

- i. To ensure the implementation of approved plan for each farm which should include, but not limited, to seed production under the law, adaption of latest technologies, precision Agriculture, mechanized farming, computerized control of farm activities and show casing new innovations.
- ii. To ensure adoption of advanced technologies leading towards establishment of such model farms where latest technologies could be show cased for motivation of the farmers, institutions and general public.
- iii. Ensure timely and quality procurements for rehabilitation and up-gradation of Farms in transparent manner.
- iv. Ensure 100% utilization of allocated funds within the current financial year 2017-18.
- v. Submit a quarterly progress report on 10<sup>th</sup> of every quarter.
- vi. To conduct baseline survey and fix targets for the current financial year.
- vii. The committee shall meet on monthly basis.

**Annexure F****Committee for Physical & Financial Verification**

<b>Sr. #</b>	<b>Member</b>	<b>Position</b>
1.	Representative of P&E Cell	Members
2.	Regional Manager of PMU, PIPIP of Respective division	Members
3.	Representative of DGA (Ext. & AR)	Members

**TORs**

- i. Conduct the physical verification of the works executed under the scheme.
- ii. Check the quality of works
- iii. Check the payments status of the works.