



PC-1

Establishment of Zoo at Sargodha, District Sargodha

ORIGINAL APPROVED COST	PKR Million. 356.180/-
1st REVISED APPROVED COST	PKR Million. 265.814/-
2nd REVISED PROPOSED COST	PKR Million. 295.393/-
ORIGINAL APPROVED GESTATION	36 Months Till June 2020
1st REVISED APPROVED GESTATION	36 Months Till June 2022
2nd REVISED PROPOSED GESTATION	72 Months Till June 2023
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Establishment of Zoo at Sargodha, District Sargodha

Project approval history along with allocations, releases and expenditure

The original PC-1 scheme was approved by DDSC on 14.09.2017 at a total cost of Rs.356.180m with its gestation period starting from 01.07.2017 to 30.06.2020. The detail of year-wise ADP allocation, revised allocation / releases and expenditure is given as under.

Year	ADP Allocation	Revised Allocation	Releases	Expenditure
2017-18	25.000	25.000	25.000	20.648
2018-19	29.040	20.613	20.613	21
2019-20	5.000	29.587	29.587	29.586
2020-21	44.475	44.475	44.475	32.921
2021-22	149.922	146.449	146.449	142.166
2022-23	56.763	56.763	56.763	5.162 (upto Dec, 2022)
Total:	310.200	322.887	322.887	251.483

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. SARGODHA

2.2. TEHSIL(S)

I. SARGODHA

MASTER PLAN



3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- FORESTRY, WILDLIFE, FISHERIES

3.2. EXECUTION AGENCY

- COMMUNICATION & WORKS DEPARTMENT
- WILDLIFE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- WILDLIFE

3.4. CONCERNED FEDERAL MINISTRY

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	GS No: 4447
3	Total Allocation: 56.763

5. PROJECT OBJECTIVES

Punjab Wildlife & Parks Department is responsible for Protection, Preservation, Conservation and Management of Wildlife in the Punjab Province. The Department, since its establishment, has been involved in different in-situ and ex-situ conservation efforts to save the wildlife fauna of the province.

In-situ conservation efforts mainly include;

The protection and conservation of wild fauna in their habitats.

Controlling illegal hunting and poaching of wildlife

Creation and management of protected areas

The promotion of sustainable management of the Wildlife Habitats

The protection and restoration of degraded areas

The introduction of legislation

Information, education and raised awareness

The involvement of local communities for wildlife conservation

For conservation and propagation of wildlife resources, the department has implemented various development schemes related to wildlife sector. Many projects are under implementation, which envisage protection and conservation of wildlife in nature, propagation under captivity, population monitoring of endangered species and training of staff in wildlife management / research in different aspects of wildlife biology.

Keeping in view the condition of rapidly deteriorating wildlife resources, the department has also focused on conservation of critically endangered, endangered, vulnerable species facing threats to extinction.

Ex-situ Conservation efforts relates to:

Establishment of Zoos

Establishment of Safari Parks / Zoo Safaris

Establishment of Wildlife Parks / Breeding Centres

Establishment of Wildlife Hatchery

At the moment the Punjab Wildlife & Parks Department has established sixteen Wildlife Parks/ Breeding Centres, four Zoos, one Safari Zoo and one Wildlife Hatchery at various locations throughout the Punjab. The Zoos, Wildlife Parks and Safari Zoos / Park are mainly meant for recreation of general public whereas Wildlife Breeding Centres / Hatcheries are purely meant for wildlife breeding. The Zoos not only provide recreational facilities to the general masses but also play vital role in the awareness about the importance of wildlife resources and their role in the nature conservation. Beside aforementioned benefits, the Zoos also provide a research platform for students studying in environmental sciences besides ex-situ conservation.

The current project has therefore, been envisaged for the Establishment of Zoo at Sargodha City for the recreation of local population and visitors from adjoining areas besides ex-situ conservation and propagation of wildlife species kept therein. The Sargodha Zoo would be established over an area of 214-Kanals, 15-Marlas situated inside New Model Town Society, Sargodha with provisions of following animals / birds facilities and visitors recreational facilities.

Animals Enclosure, nine

Animal Shelters, nine

Sick Enclosure, nine

Bird Aviary, one

Round Bird Cage, eight

Toilet Block, two sets

Vet Clinic i/c Quarantine, Incubation & Brooding Room

Pheasantry, one

Tuck Shops / Eateries, two sets

Wildlife Model Corners

Animal Kitchen, Feed Preparation Area, one

Over Head Water Tank, one

Underground Sweet Water Storage Tank, one

Children Play Area

Visitor Shelters, twelve

Food Court, one

Office, one

Residences, four

Boundary Wall

Main Gate, Podium & Ticketing Booths

Car Parking, one etc.

Objectives of the project preferably in Quantitative Terms

Establishment of Zoo with different animals / birds facilities as well as visitor's facilities.
Provision of recreational facilities to the local masses and visitors from the adjoining areas.
Ex-situ conservation and propagation of wildlife species.
Provision of research platform for academia and students studying in environmental disciplines.
Mass awareness about the importance of wildlife and its role in nature conservation.

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

Description of project

The establishment of Sargodha Zoo is a multidimensional project which covers not only the provision of recreational facility for the local population and visitors from the adjoining areas, but it will also focus on the ex-situ conservation of different wildlife species kept therein. Besides recreational facilities and ex-situ conservation, Sargodha Zoo would also serve as a research platform for the students as well as the academia who intend to conduct research in different environmental disciplines.

The Sargodha Zoo would be established over an area of 214-Kanals, 15-Marlas earmarked by the Commissioner, Sargodha Division. The proposed area is located inside the New Model Town Society falling at main Sargodha – Lahore road at a distance about eight kilometers from Sargodha City. The Colonies Department, Government of Punjab transferred the area to Punjab Wildlife & Department for establishment of Zoo at the proposed site (Annex-11).

Justification

Recreation is an essential element of human biology and psychology. Recreational activities are often done for enjoyment, amusement, or pleasure and are considered to be fun. Humans spend their time in activities of daily living, work, sleep, social duties, and leisure; the later time being free from prior commitments to physiologic or social needs, a prerequisite of recreation.

Establishment of Zoo is not only a source of recreation for the local people but also the source of education for students of various biological disciplines. Here education does not mean schooling but let them realize and be acquainted with the biodiversity of wildlife, importance of wildlife, ex-situ conservation of wildlife, etc.

Many children and adults, especially those in cities will never see a wild animal beyond a fox or pigeon, let alone a lion or tiger. Sure television documentaries get ever more detailed and impressive, and lot of natural history specimens are on display in museums. But that really does pale next to seeing a living creature in the flesh, hearing it, smelling it, watching what it does and having the time to absorb details. That alone will bring a greater understanding and perspective to many and hopefully give them a greater appreciation for wildlife, conservation efforts and how they can contribute. This can make a real difference to conservation efforts and to reduce human-animal conflicts, and collectively provide a knowledge base for helping with the increasing threats of habitat destruction and other problems.

Sargodha city is the divisional headquarter having the population of one (01) million (approx). Consequent upon population explosion, the city is growing manifold as well; but unfortunately the urban population is almost devoid of any recreational facility, especially for kids. So, it is intended to have a facility close to nature. Moreover, the proposed facility would also serve the people of adjoining

districts like, Chiniot, Mandi Baha-ud-Din, Hafizabad, Jhelum, etc. which are also not having such facility.

With the human population growth the need of housing, food, allied necessities, etc; are drastically multiplying pollution, competition for space, irrational use of pesticides, etc. All these factors are causing wildlife habitat destruction and shrinkage with climatic change.

This proposed project would contribute towards ex-situ conservation of wildlife and provision of pollution free atmosphere attributed by improved vegetation cover.

Punjab Wildlife & Parks Department works under the umbrella of the Punjab Wildlife (Protection, Preservation, Conservation & Management Act, 1974). These ingredients describe the working canvas of the department.

For the said purpose the department not only declares wildlife protected areas various provisions of the act *ibid* but also exercises ex-situ wildlife conservation by establishing zoo and wildlife parks. Such facilities also offer opportunities of wildlife based recreation to the public, research and education to the students in various disciplines of Biology and its allied fields. This project is therefore closely related with the objectives of other projects in the same sector.

6.2 SECTORAL SPECIFIC INFORMATION

Not applicable

7. CAPITAL COST ESTIMATES

Financial Components: Capital
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4203

Grant Number:Government Buildings - (PC12042)
LO NO:LO17005365
A/C To be Credited:Account-I

PKR Million

S r #	Object Code	2017-2018		2018-2019		2019-2020		2020-2021		2021-2022		2022-2023	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A12403-Other Buildings	19.997	0.000	17.366	0.000	29.586	0.000	30.000	0.000	99.727	0.000	25.107	0.000
	Total	19.997	0.000	17.366	0.000	29.586	0.000	30.000	0.000	99.727	0.000	25.107	0.000

Financial Components: Revenue
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4217

Grant Number:Development - (PC22036)
LO NO:LO17007418
A/C To be Credited:Account-I

PKR Million

S r #	Object Code	2017-2018		2018-2019		2019-2020		2020-2021		2021-2022		2022-2023	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A01101-Basic Pay	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.081	0.000	1.434	0.000
2	A01151-Basic Pay	0.000	0.000	0.000	0.000	0.000	0.000	1.478	0.000	5.826	0.000	10.778	0.000

3	A01202-House Rent Allowance	0.000	0.000	0.000	0.000	0.000	0.000	0.134	0.000	0.987	0.000	1.176	0.000
4	A01203-Conveyance Allowance	0.000	0.000	0.000	0.000	0.000	0.000	0.146	0.000	1.127	0.000	1.551	0.000
5	A01207-Washing Allowance	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.004	0.000	0.020	0.000
6	A01217-Medical Allowance	0.000	0.000	0.000	0.000	0.000	0.000	0.160	0.000	0.869	0.000	1.125	0.000
7	A01270-Other	0.000	0.000	0.000	0.000	0.000	0.000	0.443	0.000	1.686	0.000	2.550	0.000
8	A03202-Telephone And Trunk Call	0.020	0.000	0.040	0.000	9	A03304-Hot and Cold Weather Charges	0.018	0.000	0.020	0.000	0.032	0.000
10	A03807-P.O.L Charges A.Planes H.Coptors S.Car	0.000	0.000	0.200	0.000	0.000	0.000	0.000	0.000	0.300	0.000	0.300	0.000
11	A03901-Stationery	0.083	0.000	0.104	0.000	0.100	0.000	12	A03907-Advertising and Publicity	0.080	0.000	0.100	0.000
0.000	0.000	0.000	0.000	0.105	0.000	0.300	0.000	13	A03970-Others	0.100	0.000	0.200	0.000
0.000	0.000	0.000	0.000	0.200	0.000	0.150	0.000	14	A09601-Purchase of Plant and Machinery	0.050	0.000	2.770	0.000

19.430	0.000	15	A09701-Purchase of Furniture and Fixture	0.300	0.000	0.399	0.000	16	A0120D-Integrated Allowance	0.000	0.000	0.000	0.000
0.000	0.000	0.013	0.000	0.214	0.000	0.162	0.000	17	A0124H-Special Allowance 2021	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	1.537	0.000	2.009	0.000	18	A0124R-A0124R - Adhoc Relief Allowance 2022	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	1.205	0.000	19	A0124T-Special Allowance - 2022	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	1.205	0.000	20	A03902-Printing and Publication	0.100	0.000	21	A03303-Electricity
0.100	0.000	22	A0122M-Adhoc Relief Allowance -2016	0.100	0.000	0.460	0.000	23	A0122Y-Ad-Hoc Relief Allowance 2017	0.148	0.000	0.592	0.000
24	A0123G-Ad-Hoc Relief Allowance-2018	0.148	0.000	0.592	0.000	25	A0123P-Ad-Hoc Relief Allowance -2019	0.148	0.000	0.592	0.000	26	A01216-Qualification Allowance
0.077	0.000	27	A03942-Cost of Other Stores	0.150	0.000	28	A09501-Purchase of Transport	0.364	0.000	29	A09801-Purchase of Livestock	6.000	0.000

30	A13101-R & M Of Machinery And Equipment	0.100	0.000	31	A0124F-AdHoc Relief Allowance - 2021	0.615	0.000	Total	0.651	0.000	3.634	0.000
-----------	--	--------------	--------------	-----------	---	--------------	--------------	--------------	--------------	--------------	--------------	--------------

Year-wise and Object Code-wise Requirement of Funds

Sr. No.	Object Code	Items	Amount / Years						Total
			2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
Capital Head									
1	A12403	Other Buildings	19.997	17.366	29.586	30.000	99.727	25.107	221.783
Total Capital Head			19.997	17.366	29.586	30.000	99.727	25.107	221.783
Revenue Head									
1.	A01101	Pay of Officer	-	-	-	-	0.081	1.434	1.515
2.	A01151	Pay of other Staff	-	-	-	1.478	5.826	10.778	18.082
3.	A01202	House Rent Allowance	-	-	-	0.134	0.987	1.176	2.297
4.	A01203	Conveyance Allowance	-	-	-	0.146	1.127	1.551	2.824
5.	A01207	Washing Allowance	-	-	-	0.003	0.004	0.020	0.027
6.	A01217	Medical Allowance	-	-	-	0.16	0.869	1.125	2.154
7.	A0120-D	Integrated Allowance	-	-	-	0.013	0.214	0.162	0.389
8.	A0122-M	Adhoc relief Allowance 2016	-	-	-	0.1	0.460	-	0.56
9.	A0122Y	Adhoc relief Allowance 2017	-	-	-	0.148	0.592	-	0.74
10.	A0123G	Adhoc relief Allowance 10% - 2018	-	-	-	0.148	0.592	-	0.74
11.	A0123P	Adhoc relief Allowance 10% - 2019	-	-	-	0.148	0.592	-	0.74
12.	A0124F	Adhoc Relief 2021 10%	-	-	-	0	0.615	-	0.615
13.	A0124H	A0124-H Special Adhoc Relief 25%	-	-	-	0	1.537	2.009	3.546
14.	A0124-R	Adhoc relief Allowance 15% - 2022	-	-	-	-	-	1.205	1.205
15.	A0124-T	Special Allowance 15% 2022	-	-	-	-	-	1.205	1.205

16.	A01270	30% Social Security Benefit in lieu of pension	-	-	-	0.443	1.686	2.550	4.679
17.	A01216	Qualification Allowance	-	-	-	-	0.077	-	0.077
Sub-Total Pay & Allowances			-	-	-	2.921	15.259	23.215	41.395
1.	A03202	Telephone and Trunk Calls	0.020	0.040	-	-	-	-	0.060
2.	A03303	Electricity Charges	-	0.100	-	-	-	-	0.100
3.	A03304	Hot and Cold Weather Charges	0.018	0.020	-	-	0.032	-	0.070
4.	A03807	P.O.L	-	0.200	-	-	0.300	0.300	0.800
5.	A03901	Office Stationery	0.083	0.104	-	-	0.100	-	0.287
6.	A03902	Printing and Publication	-	0.100	-	-	-	-	0.100
7.	A03906	Uniform	-	-	-	-	-	-	-
8.	A03907	Advertising and Publicity	0.080	0.100	-	-	0.105	0.300	0.585
9.	A03942	Cost of Other Store (Feed)	-	-	-	-	0.150	-	0.150
10.	A03950	HIV AID - Drugs and Medical supplies	-	-	-	-	-	-	-
11.	A03970	Others	0.100	0.200	-	-	0.200	0.150	0.650
12.	A09501	Purchase of Transport	-	-	-	-	0.364	-	0.364
13.	A09601	Purchase of Plant and Machinery	0.050	2.770	-	-	19.430	-	22.250
14.	A09701	Purchase of furniture and Fixture	0.300	-	-	-	0.399	-	0.699
15.	A09801	Purchase of Livestock	-	-	-	-	6.000	-	6.000
16.	A13101	Repair of Machinery and Equipment	-	-	-	-	0.100	-	0.100
Sub-Total Machinery and Commodities & Services			0.651	3.634	-	-	27.180	0.750	32.215
Total Revenue Head			0.651	3.634	-	2.921	42.439	23.965	73.610
Grand Total:			20.648	21.000	29.586	32.921	142.166	49.072	295.393

8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Revenue
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4217

Grant Number:Development - (PC22036)
LO NO:LO17007418
A/C To be Credited:Account-I

		PKR Million
Sr #	Object Code	
Total		

Financial Components: Revenue
Cost Center:OTHERS- (OTHERS)
Fund Center (Controlling):LE4217

Grant Number:Development - (PC22036)
LO NO:LO17007418
A/C To be Credited:Account-I

		PKR Million
Sr #	Object Code	
Total		

9. DEMAND AND SUPPLY ANALYSIS

Not applicable

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

The project will be financed through the ADP of Govt. of Punjab

10.2 FINANCIAL PLAN DEBT INFORMATION

Not applicable

10.3 FINANCIAL PLAN GRANT INFORMATION

Not applicable

10.4 WEIGHT COST OF CAPITAL INFORMATION

Not applicable

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

Being a nature related project no tangible / direct benefit in monetary terms are expected from the project except revenue generation through contract of canteen and other facilities and levy of entry ticket (if permitted by the Government).

However, intangible / indirect benefits are expected through its implementation like;

Breeding / propagation of wild fauna.

Source of better outdoor recreation / ecotourism to the general public.

Opportunity for education & research to the students and relevant stakeholders.

Awareness to the people regarding importance of wildlife, conservation and biodiversity.

Positive impact on socio-economic aspects of local community.

Positive environmental impact on the area through landscape and improved vegetation cover.

Creation of direct and indirect employment opportunities.

Implementation of the project would have positive impact on environment through improved vegetation cover and aesthetics of the area.

11.2 ENVIRONMENTAL IMPACT ANALYSIS

With the human population growth, the need of housing, food, allied necessities, etc; are drastically multiplying pollution, competition for space, irrational use of pesticides, etc. All these factors are causing wildlife habitat destruction and shrinkage with climatic change. This proposed project would contribute towards ex-situ conservation of wildlife and provision of pollution free atmosphere attributed by improved vegetation cover.

11.3 PACT ANALYSIS

undefined

11.4 ECONOMIC ANALYSIS

Being a nature related project no tangible / direct benefit in monetary terms are expected from the project except revenue generation through contract of canteen and other facilities and levy of entry ticket if permitted by the Government.

However, intangible / indirect benefits are expected through its implementation like;

Breeding / propagation of wild fauna.

Source of better outdoor recreation / ecotourism to the general public.

Opportunity for education & research to the students and relevant stakeholders.

Awareness to the people regarding importance of wildlife, conservation and biodiversity.

Positive impact on socio-economic aspects of local community.

Positive environmental impact on the area through landscape and improved vegetation cover.

Creation of direct and indirect employment opportunities.

Implementation of the project would have positive impact on environment through improved vegetation cover and aesthetics of the area.

11.5 FINANCIAL ANALYSIS

Being a nature related project no tangible / direct benefit in monetary terms are expected from the project except revenue generation through contract of canteen and other facilities and levy of entry ticket if permitted by the Government.

However, intangible / indirect benefits are expected through its implementation like;

Breeding / propagation of wild fauna.

Source of better outdoor recreation / ecotourism to the general public.

Opportunity for education & research to the students and relevant stakeholders.

Awareness to the people regarding importance of wildlife, conservation and biodiversity.

Positive impact on socio-economic aspects of local community.

Positive environmental impact on the area through landscape and improved vegetation cover.

Creation of direct and indirect employment opportunities.

Implementation of the project would have positive impact on environment through improved vegetation cover and aesthetics of the area.

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

July 2017 to June 2023 (72-months)

12.2 RESULT BASED MONITORING (RBM) INDICATORS

As enclosed in relevant annexures.

12.3 IMPLEMENTATION PLAN

As enclosed in relevant annexures.

12.4 M&E PLAN

The regular monitoring of the project during the implementation phase will be conducted by the PM&E wing of the wildlife department, while the evaluation of the project will be done by the Directorate General Monitoring & Evaluation, Planning & Development Department

12.5 RISK MITIGATION PLAN

As enclosed in relevant annexures.

12.6 PROCUREMENT PLAN

As enclosed in relevant annexures.

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

Director General, Wildlife & Parks, Punjab being Head of Department will be the overall incharge of the project during its implementation. The Deputy Director Wildlife, Sargodha Region shall be responsible to implement the project. However, additional staff will be required for successful implementation and operation of the project. PM&E Unit of the department will facilitate the project during its execution. The Planning & Development Department will undertake the final evaluation after its completion.

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

15. CERTIFICATE

Focal Person Name: Muhammad Akhtar

Designation: Deputy Director Wildlife Sargodha Region

Email:

Tel. No.: 0483220523

Fax No:

Address: Office of the Deputy Director Wildlife Sargodha Region

15. Certificate

Certified that the project has been prepared as per Instructions issued by the Planning Commission for the preparation of PC-I project.



PREPARED BY:

(MUHAMMAD AKHTAR)
DEPUTY DIRECTOR WILDLIFE SARGODHA
REGION SARGODHA
(0483-220538)



CHECKED BY:

(JUNAID NADEEM)
MONITORING & EVALUATION OFFICER
PUNJAB WILDLIFE & PARKS DEPARTMENT
HEAD OFFICE, LAHORE



COUNTERSIGNED BY:

(MUBEEN ILLAHI)
DIRECTOR GENERAL
PUNJAB WILDLIFE & PARKS DEPARTMENT
2-SANDA ROAD, LAHORE



APPROVED BY:

(SHAHID ZAMAN)
SECRETARY
GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT, LAHORE

16. REVISION HISTORY

16.1 REVISION 1

The original PC-1 scheme was approved by DDSC on 14.09.2017 at a total cost of Rs.356.180m with its gestation period starting from 01.07.2017 to 30.06.2020. During the fiscal year 2017-18, Rs. 25.000m were allocated in the ADP as per provision of approved PC-I scheme. But Rs.4.355m under Revenue head could not be utilized due to non-clearance of Single Cabin Pick-up by Austerity Committee. During fiscal year 2018-19, Rs.29.040m were allocated in the ADP against the PC-I provision of Rs. 145.233m. Thus there was a short funding of Rs. 116.193m. Moreover, Rs.7.259m were not released by Finance Department during 4th quarter. Similarly, during 2019-20, Rs. 55.000m (Rs.5.000m ADP allocation+ Rs. 50.000m Additional funds) were allocated against the PC-I provision of Rs. 185.947m. In this way, there was a short funding of Rs. 130.947m during 2019-20. Meanwhile, Finance Department had withdrawn Rs. 25.413m (Capital Head) due to COVID-19 Pandemic. Therefore, envisaged targets of the project could not be achieved due to short funding and withdrawal of funds during previous years. Accordingly, it was included in the ADP 2020-21 to complete the left-over targets.

The PC-I Scheme revised by extending its gestation period till 30.6.2022 to complete the left over targets and submitted to Administrative Department on 25.11.2020 for approval of DDSC. The revised PC-I Scheme was discussed during ADP review meeting held on 06.01.2021 under the Chairmanship of Secretary, FW&F Department. The chair advised the Director General, Wildlife & Parks, Punjab to visit the project site and rationalize the scope especially the remaining civil works to make it operational / completed by 30.6.2022 with rationalized scope. Accordingly, the Director General, Wildlife & Parks, Punjab alongwith Deputy Director Wildlife, Sargodha and Representatives of the Buildings Department visited the Sargodha Zoo on 08.01.2021 to rationalize the project. After detailed discussion and site visit, it was agreed that construction of Bear Moat (14000 Sft.), construction of Lion Moat (23000 Sft.), construction of Tiger Moat (23000 Sft.), construction of Quarantine Enclave (2031 Sft.), construction of Small Cat Section (4000 Sft.), construction of Puma Enclave (8470 Sft.), construction of Lake (54200 Sft.) and construction of Fish Aquarium and Reptile Display Area (4271 Sft.) may be excluded from the project since these works were not taken in hand. Whereas cost of construction / laying of Tuff Paver Path and Development of Land was reduced from Rs.10.890m to Rs.5.445m and Rs.8.911m to Rs.4.455m respectively by reducing its scope. The Buildings Department submitted anticipated price variation of Rs. 20.417m which was incorporated in civil works. The approved cost of civil works (capital head) reduced from Rs.290.500m to Rs.197.122m. Thus, the works amounting to Rs.93m were reduced from the approved scope which substantially reduced the throw forward for the financial year 2021-22. Similarly, purchase of Single Cabin Pick-up 4x4 (STD) with fabrication (Rs.3.400m) was excluded from the project and cost of Children Amusement Facilities and Pathology Lab & Treatment Room Equipment's was reduced from Rs.6.000m to Rs.3.000m and from Rs.4.000m to Rs.2.000m respectively. Resultantly, an amount of Rs.150.105m was required to complete the project during financial year 2021-22.

Hence, the PC-I Scheme was rationalized by reducing its scope and revised by extending its gestation

period till 30.6.2022 to complete the left-over targets. The revised PC-1 scheme was approved by DDSC during its meeting held on 25.02.2021 at a total cost of Rs. 265.814m.

16.2 REVISION 2

Now the Buildings Department has submitted the revised estimates by incorporating the price variation and certain necessary components i.e., Construction of Filtration Plant Room (132.25Sft), Construction of Water Supply Line for Filtration Plant, and Fencing for Parking Area. Hence the PC-1 scheme has been revised to meet the price variation by the Buildings Department with one year extension in gestation period i.e., 30.06.2023. Moreover, as per observations of the P&D Board, the third party validation (TPV) charges Rs. 2.060m have been deleted, hence the total cost of civil works is reduced from Rs. 223.843m to Rs. 221.783m.

COMPARATIVE STATEMENT

CONSERVANCY & WORKS

(Rs. in million)

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
1.	Construction of Boundary Wall 4760 Rft. i/c brick work 13 ½ " thick 8' above D.P.C i/c razor wire 2' circle 4" c/c complete in all respect.	4760	3519.54	Rft.	16.753	Construction of Boundary Wall 4760 Rft. i/c brick work 13 ½ " thick 8' above D.P.C i/c razor wire 2' circle 4" c/c complete in all respect.	4760	3519.54	Rft.	16.753	-
2.	Construction of Duty Check Post 4 Nos. 48 Sft each elevated on wall i/c Spiral Ladder 10' long complete in all respect.	192	2385.42	Sft	0.458	Construction of Duty Check Post 4 Nos. 48 Sft each elevated on wall i/c Spiral Ladder 10' long complete in all respect.	192	2385.42	Sft	0.458	-
3.	Construction of Animal Enclosure, 9 Nos. 5670 Rft. i/c Toe wall of brick work 13 ½ " thick, 2' above from ground level, M.S. Channel, 3"x1 ½ "X1/4" Post, 2.25' in toe wall and 7.25' above from toe wall, L-iron frame 1 ½ "x1 ½ "x1/4", partition of frame with tee iron 1 ½ "x1 ½ "x1/4", G.I. chain link 2"x2" mesh 8SWG struck pointing on toe wall both sides i/c painting, 9 Nos. shelter 225 Sft each and 9 Nos water point 150 Sft each,	5670	3988.00	Rft	22.612	Construction of Animal Enclosure, 9 Nos. 5670 Rft. i/c Toe wall of brick work 13 ½ " thick, 2' above from ground level, M.S. Channel, 3"x1 ½ "X1/4" Post, 2.25' in toe wall and 7.25' above from toe wall, L-iron frame 1 ½ "x1 ½ "x1/4", partition of frame with tee iron 1 ½ "x1 ½ "x1/4", G.I. chain link 2"x2" mesh 8SWG struck pointing on toe wall both sides i/c painting, 9 Nos. shelter 225 Sft each and 9Nos water point 150 Sft each, 9 Nos. wooden	5670	3988.00	Rft	22.612	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
	9 Nos. wooden khurlies complete in all respect.					khurlies complete in all respect.					
4.	Construction of Sick / Segregation Enclosure 9 No 75 Rft each i/c small Shelter 48 Sft each and feeding point complete in all respect.	675	3256.30	Rft	2.198	Construction of Sick / Segregation Enclosure 9 No 75 Rft each i/c small Shelter 48 Sft each and feeding point complete in all respect.	675	3256.30	Rft	2.198	-
5.	Construction of Aviary 48305 Sft, M.S. pipe 10" i/d central pole 50' height and outer pole of M.S. L-iron 20' height i/c chain link ¾" x ¾" mesh 14 SWG tightened with steel wire rope 3/8" and ¼" dia i/c artificial stone cladding of toe wall with habitat water pond complete in all respect.	48305	384.88	Sft	18.592	Construction of Aviary 48305 Sft, M.S. pipe 10" i/d central pole 50' height and outer pole of M.S. L-iron 20' height i/c chain link ¾" x ¾" mesh 14 SWG tightened with steel wire rope 3/8" and ¼" dia i/c artificial stone cladding of toe wall with habitat water pond complete in all respect.	48305	384.88	Sft	18.592	-
6.	Construction of Monkey Ape Section 4000 Sft, G.I wire chainlink 2"x2" mesh 8 SWG i/c water pond, railing and land development complete in all respect.	4000	1368.00	Sft	5.472	Construction of Monkey Ape Section 4000 Sft, G.I wire chainlink 2"x2" mesh 8 SWG i/c water pond, railing and land development complete in all respect.	4000	1368.00	Sft	5.472	-
7.	Construction of Vet Clinic 2704 Sft, including Incubation, Brooding Room, water supply and electrification complete in all respect.	2704	2315.08	Sft	6.260	Construction of Vet Clinic 2704 Sft, including Incubation, Brooding Room, water supply and electrification complete in all respect.	2704	2315.08	Sft	6.260	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
8.	Construction of Main Gate with podium 9258 Sft mosaic marble chips tiles 1" thick floor, 3/4" thick pre-polished marble slab China Verona on steps and ticketing booth 794 Sft.	10052	486.27	Sft	4.888	Construction of Main Gate with podium 9258 Sft mosaic marble chips tiles 1" thick floor, 3/4" thick pre-polished marble slab China Verona on steps and ticketing booth 794 Sft.	10052	486.27	Sft	4.888	-
9.	Construction / laying Tuff paver path, 5' wide 71585 Sft complete in all respect.	35793	152.13	Sft	5.445	Construction / laying Tuff paver path, 5' wide 35793 Sft complete in all respect.	35793	152.13	Sft	5.445	-
10.	Construction of Car Parking 47680 Sft i/c toe wall of Brick work, concrete edge paver and tuff paver complete in all respect.	47680	190.73	Sft	9.094	Construction of Car Parking 47680 Sft i/c toe wall of Brick work, concrete edge paver and tuff paver complete in all respect.	47680	190.73	Sft	9.094	-
11.	P/F vertical turbine KSB or equivalent one cusec discharge, coupled with 40 HP electric motor Siemens or equivalent, turbine chamber, boring, completed in all respect.	1	3477000	Each	3.477	P/F vertical turbine KSB or equivalent one cusec discharge, coupled with 40 HP electric motor Siemens or equivalent, turbine chamber, boring, completed in all respect.	1	3477000	Each	3.477	-
12.	Constriction of overhead water reservoir, 10000 Gallon 40' height complete in all respect @ Rs.171.60 P. gallon.	10000	168.30	Gallon	1.683	Constriction of overhead water reservoir, 10000 Gallon 40' height complete in all respect @ Rs.171.60 P. gallon.	10000	168.30	Gallon	1.683	-
13.	Construction of round bird cage 8 Nos. 150 Sft each i/c wooden nest complete in all respect.	1200	3261.67	Sft	3.914	Construction of round bird cage 8 Nos. 150 Sft each i/c wooden nest complete in all respect.	1200	3261.67	Sft	3.914	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
14.	Construction of Search Light 10 Nos. using G.I pipe pole 20' height i/c Arms electrification charges etc.	10	72400	Each	0.724	Construction of Search Light 10 Nos. using G.I pipe pole 20' height i/c Arms electrification charges etc.	10	72400	Each	0.724	-
15.	i. Construction of Public Toilet 2 Set 750 Sft each i/c facility for special persons, sanitary installation, and electrification complete in all respect.	1500	2554.67	Sft	3.832	ii. Construction of Public Toilet 2 Set 750 Sft each i/c facility for special persons, sanitary installation, and electrification complete in all respect.	1500	2554.67	Sft	3.832	-
	i. Provision of sewerage i/c septic tank, manhole.	LS	LS		0.288	ii. Provision of sewerage i/c septic tank, manhole.	LS	LS		0.288	
16.	Construction of Visitor Shelter Platform 12 Nos. 145 Sft each complete in all respect. Using Mat finish ceramic tiles.	1740	450.57	Sft	0.784	Construction of Visitor Shelter Platform 12 Nos. 145 Sft each complete in all respect. Using Mat finish ceramic tiles.	1740	450.57	Sft	0.784	-
17.	Construction of Pheasantry 870 Sft. windows of M.S. L-iron frame, chain link 3/4" x 3/4" mesh 14 SWG, electrification and automatic water supply system complete in all respect.	870	1823.00	Sft	1.586	Construction of Pheasantry 870 Sft. windows of M.S. L-iron frame, chain link 3/4" x 3/4" mesh 14 SWG, electrification and automatic water supply system complete in all respect.	870	1823.00	Sft	1.586	-
18.	Construction of Tuck Shop / Eattries 2 Nos. 838 Sft each i/c water supply	1676	2147.98	Sft	3.600	Construction of Tuck Shop / Eattries 2 Nos. 838 Sft each i/c water supply	1676	2147.98	Sft	3.600	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
	and electrification complete in all respect.					and electrification complete in all respect.					
19.	Construction of Electric supply line with HT, LT line 8200 Rft. steel pole 28 Nos. and transformers 100 KV, 2 Nos. completed in all respect.	8200	384.27	Rft	3.151	Construction of Electric supply line with HT, LT line 8200 Rft. steel pole 28 Nos. and transformers 100 KV, 2 Nos. completed in all respect.	8200	384.27	Rft	3.151	-
20.	Construction of Pacca Water Course 1.5' wide 2' deep, from distributry minor to Zoo and inside Zoo (1800 Rft +1950 Rft = 3750 Rft) complete in all respect.	3750	1251.73	Rft	4.694	Construction of Pacca Water Course 1.5' wide 2' deep, from distributry minor to Zoo and inside Zoo (1800 Rft +1950 Rft = 3750 Rft) complete in all respect.	3750	1251.73	Rft	4.694	-
21.	Construction of Under Ground Water Storage Tank 10000 Gallon complete in all respect.	10000	71.50	Gallon	0.715	Construction of Under Ground Water Storage Tank 10000 Gallon complete in all respect.	10000	71.50	Gallon	0.715	-
22.	Providing / Installation water supply line 5900 Rft. 3" i/d 400 Rft., 2" i/d 500 Rft., 1" i/d 2000 Rft., 3/4" i/d 3000 Rft. Polythene pipe i/c water hydrants / sprinklers 20 Nos. complete in all respect.	5900	125.25	Rft.	0.739	Providing / Installation water supply line 5900 Rft. 3" i/d 400 Rft., 2" i/d 500 Rft., 1" i/d 2000 Rft., 3/4" i/d 3000 Rft. Polythene pipe i/c water hydrants / sprinklers 20 Nos. complete in all respect.	5900	125.25	Rft.	0.739	-
23.	Construction of Sewerage System 5000 Rft. line, 100 manhole, 12 Septic tank and 2 Soakage Pits complete in all respect.	5000	957.00	Rft.	4.785	Construction of Sewerage System 5000 Rft. line, 100 manhole, 12 Septic tank and 2 Soakage Pits complete in all respect.	5000	957.00	Rft.	4.785	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
24.	Construction of Office complex 2600 Sft i/c electrification, water supply and exterior finish with gutka complete in all respect.	2600	2135.77	Sft	5.553	Construction of Office complex 2600 Sft i/c electrification, water supply and exterior finish with gutka complete in all respect.	2600	2135.77	Sft	5.553	-
25.	Construction of Feed Preparation Chamber, 1193 Sft.	1193	2119.00	Sft	2.528	Construction of Feed Preparation Chamber, 1193 Sft.	1193	2119.00	Sft	2.528	-
26.	Construction of Food Court 2102 Sft including toilets and platform for open area sitting.	2102	2078.97	Sft	4.370	Construction of Food Court 2102 Sft including toilets and platform for open area sitting.	2102	2078.97	Sft	4.370	-
27.	Constriction of Residence for (Bs-1-10) 2 Nos. 990 each complete in all respect.	1980	2554.00	Sft	5.057	Constriction of Residence for (Bs-1-10) 2 Nos. 990 each complete in all respect.	1980	2554.00	Sft	5.057	-
28.	Constriction of Supervisor Residence (B.S 11-14) 1 No 1360 Sft complete in all respect.	1360	2446.32	Sft	3.327	Constriction of Supervisor Residence (B.S 11-14) 1 No 1360 Sft complete in all respect.	1360	2446.32	Sft	3.327	-
29.	Constriction of ADW / V.O Residence (B.S 16-17) 1 No. 1650 Sft complete in all respect.	1650	2318.79	Sft	3.826	Constriction of ADW / V.O Residence (B.S 16-17) 1 No. 1650 Sft complete in all respect.	1650	2318.79	Sft	3.826	-
30.	Constriction of office for DDW 3150 Sft complete in all respect.	3150	2265.71	Sft	7.137	Constriction of office for DDW 3150 Sft complete in all respect.	3150	2265.71	Sft	7.137	-
31.	Development of land 4 acre uprooting sarkanda growth, removal of 1' deep kallar effected soil,	4	1113875	Acre	4.455	Development of land 4 acre uprooting sarkanda growth, removal of 1' deep kallar effected soil,	4	1113875	Acre	4.455	-

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
	ploughing, leveling, dressing, making lawn, filling sweet earth i/c turfing, cost of turf and planting 200 Nos. shrubs / plants of different species complete in all respect.					ploughing, leveling, dressing, making lawn, filling sweet earth i/c turfing, cost of turf and planting 100 Nos. shrubs / plants of different species complete in all respect.					
32.	Construction, Provision and Installation of Zoo Monument 625 Sft 17ft clear height from road level i/c 27 Rft. 6 ft wide semi circular board both side complete i/c artistic painting according to the approved design of Department.	625	851.20	Sft	0.532	Construction, Provision and Installation of Zoo Monument 625 Sft 17ft clear height from road level i/c 27 Rft. 6 ft wide semi circular board both side complete i/c artistic painting according to the approved design of Department.	625	851.20	Sft	0.532	-
33.	Construction of Prayer area 600 Sft with Ablution facility.	600	876.67	Sft	0.526	Construction of Prayer area 600 Sft with Ablution facility.	600	876.67	Sft	0.526	-
34.	Construction of Wildlife Model corners at main entry Gate.	8	62500	Each	0.500	Construction of Wildlife Model corners at main entry Gate.	8	62500	Each	0.500	-
35.	Extra cost for sulphate resistant cement (upto DPC level). Total Rs.51.000m @ 0.50 % = 0.255	LS	LS	LS	0.255	Extra cost for sulphate resistant cement (upto DPC level). Total Rs.51.000m @ 0.50 % = 0.255	LS	LS	LS	0.255	-
36.	-	-	-	-	-	Construction of Filtration plant Room 132.25 Sft	132.25	1620	Sft	0.214	(+) 0.214

Sr. No.	1 st REVISED PC-I SCHEME					2 nd REVISED PC-I SCHEME					Diff.
	Item of Work	Qty	Rate	Unit	Cost	Item of Work	Qty	Rate	Unit	Cost	
37.	-	-	-	-	-	Construction of water supply line for filtration plant to different facilities	-	-	-	0.694	(+) 0.694
38.	-	-	-	-	-	Fencing for future parking area				1.582	(+) 1.582
Sub-Total:-					163.810	Sub-Total:-					(+) 2.490
44	Add anticipated price variation	-	-	-	20.417	Add anticipated price variation	-	-	-	39.626	(+) 19.209
45	Add 1 % 3rd party validation charges	-	-	-	1.842	-	-	-	-	-	(-) 1.842
46	Add 5 % PRA Tax	-	-	-	9.211	Add 5 % PRA Tax	-	-	-	10.297	(+) 1.086
47	Add 1 % Tree Plantation	-	-	-	1.842	Add 1 % Tree Plantation	-	-	-	2.060	(+) 0.218
48	-	-	-	-	-	WAPDA and SNGPL connection charges	-	-	-	3.500	(+) 3.500
	Total:-				197.122	Total:-				221.783	(+) 24.661

COMPARITIVE STATEMENT

MACHINERY, STORES AND EQUIPMENTS

(Rs. in million)

Sr. No.	1 st REVISED PC-I SCHEME				2 nd REVISED PC-I SCHEME				Diff.
	Items of Work	Qty	Rate/ Unit	Total	Items of Work	Qty	Rate/ Unit	Total	
1	Motorcycle-125CC (Deluxe)	2	0.188	0.376	Motorcycle-125CC (Deluxe)	2	0.182	0.364	(-) 0.012
2	Incubator (Capacity 48 Eggs) with brooder and humidity pump and accessories	2	0.200	0.400	Incubator (Capacity 48 Eggs) with brooder and humidity pump and accessories	2	0.200	0.400	-
3	UPS 5KVA with batteries and accessories for hatchery	2	0.150	0.300	UPS 5KVA with batteries and accessories for hatchery	2	0.150	0.300	-
4	Generator 5KVA Honda / Yamaha or equivalent	1	0.300	0.300	Generator 5KVA Honda / Yamaha or equivalent	1	0.300	0.300	-
5	Computer (Core I-7 Intell processor, 4GB RAM, 1TB HDD) with monitor/LCD, printer and battery backup.	3	0.180	0.540	Computer (Core I-7 Intell processor, 4GB RAM, 1TB HDD) with monitor/LCD, printer and battery backup.	3	0.180	0.540	-
6	Fax Machine	1	0.050	0.050	Fax Machine	1	0.050	0.050	-
7	Animals Rescue Kit (Stretcher, Operation Kit / First Aid Box, Operation Table, Chemicals etc.) with necessary Medicines	LS	LS	0.500	Animals Rescue Kit (Stretcher, Operation Kit / First Aid Box, Operation Table, Chemicals etc.) with necessary Medicines	LS	LS	0.497	(-) 0.003
8	Purchase of Mechanical Lawn Mover (engine mounted) 36 to 48 inch Blade	2	0.100	0.200	Purchase of Mechanical Lawn Mover (engine mounted) 36 to 48 inch Blade	2	0.100	0.200	-
9	Manual Lawn Mower large size, good quality.	4	0.025	0.100	Manual Lawn Mower large size, good quality.	4	0.025	0.100	-
10	Purchase of Kassi, Sickles, Khurpas, Belcha, Shrub Cutters and other accessories	10 each	LS	0.100	Purchase of Kassi, Sickles, Khurpas, Belcha, Shrub Cutters and other accessories	10 each	LS	0.100	-
11	Electric Water Cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat.	8	0.060	0.480	Electric Water Cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat.	8	0.060	0.479	(-) 0.001
12	Tranquilizing Gun with darts of different sizes and chemicals/injections	2	0.700	1.400	Tranquilizing Gun with darts of different sizes and chemicals/injections	1	0.700	0.700	(-) 0.700
13	Fire Fighting Equipments	LS	LS	0.350	Fire Fighting Equipments	LS	LS	0.350	-
14	Furniture & Fixture	LS	LS	0.700	Furniture & Fixture	LS	LS	0.699	(-) 0.001
15	Purchase of Feeder / Drinker etc.	LS	LS	0.200	Purchase of Feeder / Drinker etc.	LS	LS	0.200	-

Sr. No.	1 st REVISED PC-I SCHEME				2 nd REVISED PC-I SCHEME				Diff.
	Items of Work	Qty	Rate/ Unit	Total	Items of Work	Qty	Rate/ Unit	Total	
16	Children amusement facilities including children outdoor play sets, slides, merry go round, see saw, swings, monkey bar, tree climber, climbing ladder etc. made of steel / rubber / wood / recycled material etc.	Detail attached with PC-1 Scheme	LS	3.000	Children amusement facilities including children outdoor play sets, slides, merry go round, see saw, swings, monkey bar, tree climber, climbing ladder etc. made of steel / rubber / wood / recycled material etc.	Detail attached with PC-1 Scheme	LS	2.995	(-) 0.005
17	Circuit Benches with Backrest made of steel / rubber / wood / recycled material	10	0.040	0.400	Circuit Benches with Backrest made of steel / rubber / wood / recycled material	10	0.038	0.380	(-) 0.020
18	Picnic Bench with Sheds	10	0.045	0.450	Picnic Bench with Sheds	10	0.038	0.380	(-) 0.070
19	Pathology Lab & Treatment Room equipments	L.S.	2.000	2.000	Pathology Lab & Treatment Room equipments	L.S.	1.990	1.990	(-) 0.010
20	Dual Dust Bins with stand & cover made of steel / rubber / wood / recycled material etc.	20	0.020	0.400	Dual Dust Bins with stand & cover made of steel / rubber / wood / recycled material etc.	20	0.020	0.370	(-) 0.030
21	Goldamatic water pump with boring and fixing 3/4" dia	4	0.050	0.200	Goldamatic water pump with boring and fixing 3/4" dia	4	0.050	0.199	(-) 0.001
22	Desert Coolers of variable sizes	12	0.025	0.300	Desert Coolers of variable sizes	12	0.025	0.299	(-) 0.001
23	Metal Detectors of good quality	4	0.010	0.040	Metal Detectors of good quality	4	0.010	0.039	(-) 0.001
24	Walk-Through Gates of good quality	2	0.250	0.500	Walk-Through Gates of good quality	2	0.140	0.281	(-) 0.219
25	Directional boards, Information plates (stainless steel 2'x2' carved), maps etc.	LS	LS	0.800	Directional boards, Information plates (stainless steel 2'x2' carved), maps etc.	LS	LS	0.800	-
26	Bicycles	2	0.018	0.036	Bicycles	2	0.018	0.035	(-) 0.001
27	Visitor Shelters Canopy, Hexagonal shape made of steel / plastic / wood / recycled material 9' high i/c 4 Nos. chairs and central table complete in respect.	12	0.500	6.000	Visitor Shelters Canopy, Hexagonal shape made of steel / plastic / wood / recycled material 9' high i/c 4 Nos. chairs and central table complete in respect.	12	0.487	5.850	(-) 0.150
28	Tree Guards made of iron, 4 Nos. L-iron 1 ½"x1/8" – 4' height and suspended metal 16SWG coverage i/c painting.	60	0.005	0.300	Tree Guards made of iron, 4 Nos. L-iron 1 ½"x1/8" – 4' height and suspended metal 16SWG coverage i/c painting.	60	0.005	0.299	(-) 0.001
29	Provision, installation & commissioning of Reverse Osmosis water treatment plant of 800 Gallon capacity with plastic tank etc. complete in all respect.	1	0.950	0.950	Provision, installation & commissioning of Reverse Osmosis water treatment plant of 800 Gallon capacity with plastic tank etc. complete in all respect.	1	0.879	0.879	(-) 0.071
30	Provision, installation & commissioning of day / night vision close circuit watch &	Job	2.000	2.000	Provision, installation & commissioning of day / night vision close circuit watch & ward	Job	1.730	1.730	(-) 0.270

Sr. No.	1 st REVISED PC-I SCHEME				2 nd REVISED PC-I SCHEME				Diff.
	Items of Work	Qty	Rate/ Unit	Total	Items of Work	Qty	Rate/ Unit	Total	
	ward system with 25-Cameras DVR, networking cable complete in all respect.				system with 25-Cameras DVR, networking cable complete in all respect.				
31	Provision, installation & commissioning of Public address system i/c speakers, electrification supply line / cable complete in all respect.	Job	L.S	1.000	Provision, installation & commissioning of Public address system i/c speakers, electrification supply line / cable complete in all respect.	Job	L.S	0.990	(-) 0.010
32	Purchase of Deep Freezer	2	0.080	0.160	Purchase of Deep Freezer	2	0.080	0.159	(-) 0.001
33	Purchase of Refrigerator with freezing component for Lab.	1	0.200	0.200	Purchase of Refrigerator with freezing component for Lab.	1	0.200	0.199	(-) 0.001
34	Air Conditioner 1.5 ton (Lab. Incubation & treatment room)	2	0.080	0.160	Air Conditioner 1.5 ton (Lab. Incubation & treatment room)	2	0.080	0.160	-
				24.892	Total				(-) 1.579

COMPARITIVE STATEMENT

COST OF ESTABLISHMENT

(Rs. in million)

Rs. in million)

Sr. No.	APPROVED PC-I SCHEME				REVISED PC-I SCHEME				Diff.	
	Name of Post	BPS	No. of Post	Total	Name of Post	BPS	No. of Post	Total		
1	Assistant Director Wildlife	17	1	1.727	Assistant Director Wildlife	17	1	1.061	(-) 0.666	
2	Veterinary Officer	17	1	1.727	Veterinary Officer	17	1	1.067	(-) 0.660	
3	Accounts Assistant	16	1	0.895	Accounts Assistant	16	1	0.786	(-) 0.109	
4	Wildlife Supervisors	14	2	1.622	Wildlife Supervisors	14	2	2.284	(+) 0.662	
5	Computer Operator	12	2	1.270	Computer Operator	12	2	1.050	(-) 0.220	
6	Junior Clerk	11	2	1.207	Junior Clerk	11	2	1.498	(+) 0.291	
7	Store Keeper	7	1	0.518	Store Keeper	7	1	0.456	(-) 0.062	
8	Hatchery Man	6	1	0.503	Hatchery Man	6	1	0.763	(+) 0.260	
9	Electrician	6	1	0.503	Electrician	6	1	0.763	(+) 0.260	
10	Field Compounder	6	2	1.004	Field Compounder	6	2	1.426	(+) 0.422	
11	Booking Clerk	5	2	0.975	Booking Clerk	5	2	1.448	(+) 0.473	
12	Security Guard Ex-Military Man	5	10	5.009	Security Guard Ex-Military Man	5	10	4.127	(-) 0.882	
13	Driver	4	1	0.481	Driver	4	1	0.697	(+) 0.216	
14	Naib Qasid	1	3	1.353	Naib Qasid	1	3	2.175	(+) 0.822	
15	Chowkidar	1	4	1.805	Chowkidar	1	4	2.65	(+) 0.845	
16	Baildar	1	10	4.616	Baildar	1	10	6.602	(+) 1.986	
17	Animal keepers	1	10	4.484	Animal keepers	1	10	6.912	(+) 2.428	
18	Sweeper	1	8	3.584	Sweeper	1	8	5.630	(+) 2.046	
Total			62	33.283	Total			62	41.395	(+) 8.112

COMPARITIVE STATEMENT

COMMODITIES & SERVICES

(Rs. in million)

Sr. No.	1 ST REVISED PC-I SCHEME		2 ND REVISED PC-I SCHEME		Diff.
	Items	Total	Items	Total	
1	Cost of Animals and Birds	6.000	Cost of Animals and Birds	6.000	0
2	Cost of feed for animals / birds	1.000	Cost of feed for animals / birds	0.150	(-) 0.850
3	Office Stationery	0.287	Office Stationery	0.287	0
4	Telephone and Trunk Call	0.160	Telephone and Trunk Call	0.060	(-) 0.100
5	Electricity Charges	0.600	Electricity Charges	0.100	(-) 0.500
6	Hot & Cold	0.070	Hot & Cold	0.070	0
7	P.O.L Charges	0.500	P.O.L Charges	0.800	(+) 0.300
9	Publicity & Advertisement Charges	0.300	Publicity & Advertisement Charges	0.585	(+) 0.285
10	Cost of Chemical and Medicines	0.200	Cost of Chemical and Medicines	0	(-) 0.200
11	Uniform for staff	0.300	Uniform for staff	0	(-) 0.300
12	Maintenance of machinery and store equipment	0.300	Maintenance of machinery and store equipment	0.100	(-) 0.200
13	Printing charges	0.300	Printing charges	0.100	(-) 0.200
14	Others	0.500	Others	0.650	(+) 0.150
	Total	10.517		8.902	(-) 1.615

COMPARITIVE STATEMENT

SUMMARY OF COST

(Rs. in million)

Sr. No.	1ST REVISED PC-I SCHEME		2ND REVISED PC-I SCHEME		Diff.
	Items	Total	Items	Total	
1	Conservancy & Works	197.122	Conservancy & Works	221.783	(+) 24.661
2	Machinery, tools, Stores and Equipment	24.892	Machinery, tools, Stores and Equipment	23.313	(-) 1.579
3	Establishment	33.283	Establishment	41.395	(+) 8.112
4	Commodities & Services	10.517	Commodities & Services	8.902	(-) 1.615
Total:		265.814	Total:	295.393	(+) 29.579

17. RELATION WITH OTHER PROJECTS

20. MARGINALISATION OF PC-1

SR.NO.	CRITERIA	YES/NO	COMMENTS
Description & Objectives			
1	does the pc-i specify link/alignment with punjab growth strategy, punjab spatial strategy (if relevant) & sustainable development goals?	YES	
2	do project objectives/justification include focus on marginalised groups (women, pwds, minorities, transgender, poor etc.)?	NO	
Use of Gender Disaggregated Data			
1	has gender disaggregated data been used to determine need for the project? if yes, identity the source. if not, what additions/observations have been made to strengthen the pc-i?	NO	
2	was gender disaggregated data used to identify potetialimpact of the project on selected beneficiaries?	NO	
Social Impact			
1a	have marginalised groups been included as beneficiaries of the project?	NO	
1b	if yes, does the pc-1 specify a specific quota/percentage for the marginalised (women, peds, etc.)?	NO	
2	does the pc-1 include specific provisions for capacity building / training of women (if applicable)?	NO	
Results Based Monitoring			
1a	does the pc-i include a results based monitoring framework (rbmf)/logical framework?	NO	
1b	if yes, does the framework include measurable targets relating to impact on marginalised groups?	NO	
2	were sdg indicators used for determining targets included in the pc-i?	NO	
3	was gender disaggregated data used to establish baseline and develop quantifiable targets/key indicators?	NO	
4	if yes, identify the source/refresh institute(s)?	NO	
Incursion/Participation			
1	was female representation ensured in planning and adp formulization?	NO	
2a	was stakeholder consultation held during adp formulization and/or pc-idevelopment?	NO	
2b	if yes, did the consultation include experts and representatives of marginalised groups and csos?	NO	

3	was participation of representatives of marginalised groups ensured in pc-1 risk assessment planning?	NO	
Monitoring & Evaluation			
1	does the project provide a role to communities in project monitoring and/or implementation (if relevant)?	NO	
2a	does the project include formation of a steering committee and/or project implementation committees?	NO	
2b	if yes, is there a provision to ensure representation of women in these committees?	NO	

Annexure(s)

CONSERVANCY & WORKS

(Rs. in million)

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
1	Construction of Boundary Wall 4760 Rft. i/c brick work 13 ½ " thick 8' above D.P.C i/c razor wire 2' circle 4" c/c complete in all respect.	4760	3519.54	Rft.	15.395	1.358	-	-	-	-	16.753
2	Construction of Duty Check Post 4 Nos. 48 Sft each elevated on wall i/c Spiral Ladder 10' long complete in all respect.	192	2385.42	Sft	0.458	-	-	-	-	-	0.458
3	Construction of Animal Enclosure, 9 Nos. 5670 Rft. i/c Toe wall of brick work 13 ½ " thick, 2' above from ground level, M.S. Channel, 3"x1 ½"x1/4" Post, 2.25' in toe wall and 7.25' above from toe wall, L-iron frame 1 ½"x1 ½"x1/4", partition of frame with tee iron 1 ½"x1 ½"x1/4", G.I. chain link 2"x2" mesh 8SWG struck pointing on toe wall both sides i/c painting, 9 Nos. shelter 225 Sft each and 9Nos water point 150 Sft each, 9 Nos. wooden khurlies	5670	3988.00	Rft	-	6.583	15.029	1.000	-	-	22.612

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	complete in all respect.										
4	Construction of Sick / Segregation Enclosure 9 No 75 Rft each i/c small Shelter 48 Sft each and feeding point complete in all respect.	675	3256.30	Rft	-	-	2.198	-	-	-	2.198
5	Construction of Aviary 48305 Sft, M.S. pipe 10" i/d central pole 50' height and outer pole of M.S. L-iron 20' height i/c chain link $\frac{3}{4}$ " x $\frac{3}{4}$ " mesh 14 SWG tightened with steel wire rope $\frac{3}{8}$ " and $\frac{1}{4}$ " dia i/c artificial stone cladding of toe wall with habitat water pond complete in all respect.	48305	384.88	Sft	-	-	-	-	18.592	-	18.592
6	Construction of Monkey Ape Section 4000 Sft, G.I wire chain link 2"x2" mesh 8 SWG i/c water pond, railing and land development complete in all respect.	4000	1368.00	Sft	-	-	-	3.103	2.369	-	5.472
7	Construction of Vet Clinic 2704 Sft, including Incubation, Brooding Room, water supply and electrification complete in all respect.	2704	2315.08	Sft	-	-	-	2.631	3.629	-	6.260

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
8	Construction of Main Gate with podium 9258 Sft mosaic marble chips tiles 1" thick floor, 3/4" thick pre-polished marble slab China Verona on steps and ticketing booth 794 Sft.	10052	486.27	Sft	-	-	-	-	4.888	-	4.888
9	Construction / laying Tuff paver path, 5' wide 35793 Sft complete in all respect.	35793	152.13	Sft	-	-	-	-	5.445	-	5.445
10	Construction of Car Parking 47680 Sft i/c toe wall of Brick work, concrete edge paver and tuff paver complete in all respect.	47680	190.73	Sft	-	2.000	3.000	4.094	-	-	9.094
11	P/F vertical turbine KSB or equivalent one cusec discharge, coupled with 40 HP electric motor Siemens or equivalent, turbine chamber, boring, completed in all respect.	1	3477000	Each	-	-	-	3.477	-	-	3.477
12	Constriction of overhead water reservoir, 10000 Gallon 40' height complete in all respect @ Rs.171.60 P. gallon.	10000	168.30	Gallon	-	-	1.500	0.183	-	-	1.683
13	Construction of round bird cage 8 Nos. 150 Sft	1200	3261.67	Sft	-	-	-	1.976	1.938	-	3.914

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	each i/c wooden nest complete in all respect.										
14	Construction of Search Light 10 Nos. using G.I pipe pole 20' height i/c Arms electrification charges etc.	10	72400	Each	-	-	-	-	0.724	-	0.724
15	i. Construction of Public Toilet 2 Set 750 Sft each i/c facility for special persons, sanitary installation, and electrification complete in all respect. ii. Provision of sewerage i/c septic tank, manhole.	1500 LS	2554.67 LS	Sft	-	-	-	-	3.832 0.288	-	3.832 0.288
16	Construction of Visitor Shelter Platform 12 Nos. 145 Sft each complete in all respect. Using Mat finish ceramic tiles.	1740	450.57	Sft	-	-	-	-	0.784	-	0.784
17	Construction of Pheasantry 870 Sft. windows of M.S. L-iron frame, chain link 3/4" x 3/4" mesh 14 SWG, electrification and automatic water supply system complete in all respect.	870	1823.00	Sft	-	-	0.586	1.000	-	-	1.586
18	Construction of Tuck Shop / Eatries 2 Nos.	1676	2147.98	Sft	-	-	-	-	3.600	-	3.600

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	838 Sft each i/c water supply and electrification complete in all respect.										
19	Construction of Electric supply line with HT, LT line 8200 Rft. steel pole 28 Nos. and transformers 100 KV, 2 Nos. completed in all respect.	8200	384.27	Rft	-	-	-	3.151	-	-	3.151
20	Construction of Pacca Water Course 1.5' wide 2' deep, from distributry minor to Zoo and inside Zoo (1800 Rft +1950 Rft = 3750 Rft) complete in all respect.	3750	1251.73	Rft	-	-	-	-	4.694	-	4.694
21	Construction of Under Ground Water Storage Tank 10000 Gallon complete in all respect.	10000	71.50	Gallon	-	0.715	-	-	-	-	0.715
22	Providing / Installation water supply line 5900 Rft. 3" i/d 400 Rft., 2" i/d 500 Rft., 1" i/d 2000 Rft., 3/4" i/d 3000 Rft. Polythene pipe i/c water hydrants / sprinklers 20 Nos. complete in all respect.	5900	125.25	Rft.	-	-	-	-	0.739	-	0.739
23	Construction of Sewerage System 5000 Rft. line, 100 manhole, 12	5000	957.00	Rft.	-	-	-	-	4.785	-	4.785

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	Septic tank and 2 Soakage Pits complete in all respect.										
24	Construction of Office complex 2600 Sft i/c electrification, water supply and exterior finish with gutka complete in all respect.	2600	2135.77	Sft	2.959	2.594	-	-	-	-	5.553
25	Construction of Feed Preparation Chamber, 1193 Sft.	1193	2119.00	Sft	-	-	-	-	2.528	-	2.528
26	Construction of Food Court 2102 Sft including toilets and platform for open area sitting.	2102	2078.97	Sft	-	-	-	1.651	2.719	-	4.370
27	Constriction of Residence for (Bs-1-10) 2 Nos. 990 each complete in all respect.	1980	2554.00	Sft	-	1.348	2.770	0.939	-	-	5.057
28	Constriction of Supervisor Residence (B.S 11-14) 1 No 1360 Sft complete in all respect.	1360	2446.32	Sft	-	1.000	1.327	1.000	-	-	3.327
29	Constriction of ADW / V.O Residence (B.S 16-17) 1 No. 1650 Sft complete in all respect.	1650	2318.79	Sft	-	1.000	1.826	1.000	-	-	3.826
30	Constriction of office for DDW 3150 Sft complete in all respect.	3150	2265.71	Sft	-	-	-	2.784	4.353	-	7.137
31	Development of land 4 acre	4	1113875	Acre	-	-	-	-	4.455	-	4.455

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	uprooting sarkanda growth, removal of 1' deep kallar effected soil, ploughing, leveling, dressing, making lawn, filling sweet earth i/c turfing, cost of turf and planting 100 Nos. shrubs / plants of different species complete in all respect.--										
32	Construction, Provision and Installation of Zoo Monument 625 Sft 17ft clear height from road level i/c 27 Rft. 6 ft wide semi circular board both side complete i/c artistic painting according to the approved design of Department.	625	851.20	Sft	-	-	-	-	0.532	-	0.532
33	Construction of Prayer area 600 Sft with Ablution facility.	600	876.67	Sft	-	-	-	-	0.526	-	0.526
34	Construction of Wildlife Model corners at main entry Gate.	8	62500	Each	-	-	-	-	0.500	-	0.500
35	Extra cost for sulphate resistant cement (upto DPC level). Total Rs.51.000m @ 0.50 % = 0.255	LS	LS	LS	-	-	-	-	0.255	-	0.255
36	Construction of Filtration plant Room 132.25 Sft	132.25	1620	Sft	-	-	-	-		0.214	0.214

Sr #	Description	Qty	Rate	Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
37	Construction of water supply line for filtration plant to different facilities	Detail of item is attached in cost detail section								0.694	0.694
38	Fencing for future parking area	Detail of item is attached in cost detail section								1.582	1.582
Sub-Total					18.812	16.598	28.236	27.989	72.175	2.490	166.300
39	Add anticipated price variation				-	-	-	-	20.417	19.209	39.626
Total:					18.812	16.598	28.236	27.989	92.592	21.699	205.926
40	Add 5 % PRA Tax				1.185	0.768	1.350	2.011	4.793	0.190	10.297
41	Add 1 % Tree Plantation				-	-	-	-	1.842	0.218	2.060
42	WAPDA and SNGPL connection charges				-	-	-	-	0.500	3.000	3.500
Grand Total:					19.997	17.366	29.586	30.000	99.727	25.107	221.783

MACHINERY, STORES & EQUIPMENTS

(Rs. in million)

Sr. No.	Items of Work	Qty	Rate / Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
1	Motorcycle-125CC (Deluxe)	2	0.188	-	-	-	-	0.364	-	0.364
2	Incubator (Capacity 48 Eggs) with brooder and humidity pump and accessories	2	0.200	-	0.200	-	-	0.200	-	0.400
3	UPS 5KVA with batteries and accessories for hatchery	2	0.150	-	0.300	-	-	-	-	0.300
4	Generator 5KVA Honda / Yamaha or equivalent	1	0.300	-	0.300	-	-	-	-	0.300
5	Computer (Core I-7 Intell processor, 4GB RAM, 1TB HDD) with monitor/LCD, printer and battery backup.	3	0.180	-	0.360	-	-	0.180	-	0.540
6	Fax Machine	1	0.050	0.050	-	-	-	-	-	0.050
7	Animals Rescue Kit (Stretcher, Operation Kit / First Aid Box, Operation Table, Chemicals etc.) with necessary Medicines	LS	LS	-	-	-	-	0.497	-	0.497
8	Purchase of Mechanical Lawn Mover (engine mounted) 36 to 48 inch Blade	2	0.100	-	-	-	-	0.200	-	0.200
9	Manual Lawn Mower large size, good quality.	4	0.025	-	0.050	-	-	0.050	-	0.100
10	Purchase of Kassi, Sickles, Khurpas, Belcha, Shrub Cutters and other accessories	10 each	LS	-	-	-	-	0.100	-	0.100
11	Electric Water Cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat.	8	0.060	-	0.240	-	-	0.239	-	0.479
12	Tranquilizing Gun with darts of different sizes and chemicals/injections	2	0.700	-	0.700	-	-	0	-	0.700
13	Fire Fighting Equipments (Annexure-12)	LS	LS	-	0.350	-	-	-	-	0.350
14	Furniture & Fixture (Annexure-13)	LS	LS	0.300	-	-	-	0.399	-	0.699
15	Purchase of Feeder / Drinker etc.	LS	LS	-	0.100	-	-	0.100	-	0.200

Annexure02 - Machinery, Store & Equipment

Sr. No.	Items of Work	Qty	Rate / Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
16	Children amusement facilities including children outdoor play sets, slides, merry go round, see saw, swings, monkey bar, tree climber, climbing ladder etc. made of steel / rubber / wood / recycled material etc.	Detail as per Annex-14	LS	-	-	-	-	2.995	-	2.995
17	Circuit Benches with Backrest made of steel / rubber / wood / recycled material	10	0.040	-	-	-	-	0.380	-	0.380
18	Picnic Bench with Sheds	10	0.045	-	-	-	-	0.380	-	0.380
19	Pathology Lab & Treatment Room equipments (List attached as Annex-15).	L.S	2.000	-	-	-	-	1.990	-	1.990
20	Dual Dust Bins with stand & cover made of steel / rubber / wood / recycled material etc.	20	0.020	-	-	-	-	0.370	-	0.370
21	Goldamatic water pump with boring and fixing 3/4" dia	4	0.050	-	-	-	-	0.199	-	0.199
22	Desert Coolers of variable sizes	12	0.025	-	0.150	-	-	0.149	-	0.299
23	Metal Detectors of good quality	4	0.010	-	0.020	-	-	0.019	-	0.039
24	Walk-Through Gates of good quality	2	0.250	-	-	-	-	0.281	-	0.281
25	Directional boards, Information plates (stainless steel 2'x2' carved), maps etc.	LS	LS	-	-	-	-	0.800	-	0.800
26	Bicycles	2	0.018	-	-	-	-	0.035	-	0.035
27	Visitor Shelters Canopy, Hexagonal shape made of steel / plastic / wood / recycled material 9' high i/c 4 Nos. chairs and central table complete in respect.	12	0.500	-	-	-	-	5.850	-	5.850
28	Tree Guards made of iron, 4 Nos. L-iron 1 1/2"x1/8" – 4' height and suspended metal 16SWG coverage i/c painting.	60	0.005	-	-	-	-	0.299	-	0.299
29	Provision, installation & commissioning of Reverse Osmosis water treatment plant of 800 Gallon capacity with plastic tank etc. complete in all respect.	1	0.950	-	-	-	-	0.879	-	0.879
30	Provision, installation & commissioning of day / night vision	Job	2.000	-	-	-	-	1.730	-	1.730

Sr. No.	Items of Work	Qty	Rate / Unit	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
	close circuit watch & ward system with 25-Cameras DVR, networking cable complete in all respect.									
31	Provision, installation & commissioning of Public address system i/c speakers, electrification supply line / cable complete in all respect.	Job	L.S	-	-	-	-	0.990	-	0.990
32	Purchase of Deep Freezer	2	0.080	-	-	-	-	0.159	-	0.159
33	Purchase of Refrigerator with freezing component for Lab.	1	0.200	-	-	-	-	0.199	-	0.199
34	Air Conditioner 1.5 ton (Lab. Incubation & treatment room)	2	0.080	-	-	-	-	0.160	-	0.160
Total				0.350	2.770	-	-	20.193	-	23.313

COST OF ESTABLISHMENT

(Rs. in million)

Sr #	Title	BS	Nos.	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
1	Assistant Director Wildlife	17	1	-	-	-	-	0.022	1.039	1.061
2	Veterinary Officer	17	1	-	-	-	-	0.028	1.039	1.067
3	Accounts Assistant	16	1	-	-	-	-	0.097	0.689	0.786
4	Wildlife Supervisors	14	2	-	-	-	0.200	0.992	1.092	2.284
5	Computer Operator	12	2	-	-	-	-	0.132	0.918	1.050
6	Junior Clerk	11	2	-	-	-	0.150	0.477	0.871	1.498
7	Store Keeper	7	1	-	-	-	-	0.082	0.374	0.456
8	Hatchery Man	6	1	-	-	-	0.070	0.330	0.363	0.763
9	Electrician	6	1	-	-	-	0.070	0.330	0.363	0.763
10	Field Compounder	6	2	-	-	-	0.130	0.570	0.726	1.426
11	Booking Clerk	5	2	-	-	-	0.095	0.649	0.704	1.448
12	Security Guard (Ex-military man)	5	10	-	-	-	-	0.590	3.537	4.127
13	Driver	4	1	-	-	-	0.056	0.300	0.341	0.697
14	Naib Qasid	1	3	-	-	-	0.150	1.050	0.975	2.175
15	Chowkidar	1	4	-	-	-	0.200	1.150	1.300	2.650
16	Baildar	1	10	-	-	-	0.650	2.810	3.142	6.602
17	Animal keeper	1	10	-	-	-	0.650	3.120	3.142	6.912
18	Sweeper	1	8	-	-	-	0.500	2.530	2.600	5.630
Total:			62	-	-	-	2.921	15.259	23.215	41.395

COMMODITIES AND SERVICES

(Rs. in million)

Sr. No.	Items	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
1	Cost of Animals and Birds (Detail attached as Annexure-16)	-	-	-	-	6.000	-	6.000
2	Cost of feed for animals / birds	-	-	-	-	0.150	-	0.150
3	Office Stationary	0.083	0.104	-	-	0.100	-	0.287
4	Telephone and Trunk Call	0.020	0.040	-	-	0	-	0.060
5	Electricity Charges	-	0.100	-	-	0	-	0.100
6	Hot & Cold	0.018	0.020	-	-	0.032	-	0.070
7	P.O.L Charges	-	0.200	-	-	0.300	0.300	0.800
9	Publicity & Advertisement Charges	0.080	0.100	-	-	0.105	0.300	0.585
10	Cost of Chemical and Medicines	-	-	-	-	0	-	0
11	Uniform for staff	-	-	-	-	0	-	0
12	Maintenance of machinery and store equipment	-	-	-	-	0.100	-	0.100
13	Printing charges	-	0.100	-	-	0	-	0.100
14	Others	0.100	0.200	-	-	0.200	0.150	0.650
Total:		0.301	0.864	-	-	6.987	0.750	8.902

SUMMARY OF COST**(Rs. in million)**

Sr. No	Items	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
1	Conservancy & Works	19.997	17.366	29.586	30.000	99.727	25.107	221.783
2	Machinery, Tools, Stores and Equipment	0.350	2.770	-	-	20.193	-	23.313
3	Establishment	-	-	-	2.921	15.259	23.215	41.395
4	Commodities & Services	0.301	0.864	-	-	6.987	0.750	8.902
Total		20.648	21.000	29.586	32.921	142.166	49.072	295.393

ANNUAL RECURRING COST AFTER COMPLETION OF PROJECT

(Rs. in million)

Sr. No.	Item	2023-24	2024-25	2025-26
1	Maintenance of Infrastructure	6.715	7.387	8.123
2	Maintenance of Machinery & Equipment etc.	0.326	0.359	0.395
3	Maintenance of Vehicles and repair	0.060	0.070	0.077
4	POL	0.160	0.180	0.198
5	Stationery and stamps etc.	0.055	0.060	0.066
6	Establishment charges	26.697	30.701	35.306
7	Electricity charges	0.440	0.484	0.532
8	Feed for birds	1.210	1.331	1.464
9	Telephone and Trunk Call	0.055	0.060	0.066
10	Cost of Chemical and Medicines	0.110	0.121	0.133
11	Uniform for staff	0.055	0.060	0.066
12	Publicity & Advertisement Charges	0.055	0.060	0.066
13	Others	0.090	0.100	0.110
Total		36.028	40.973	46.602

Result-Based Monitoring (RBM) Indicators

Sr. No.	Input	Output	Outcome		Targeted Impact
			Baseline Indicator	Targets after Completion of Project	
1	Establishment of boundary fence, animal enclosures, aviary, bird cages, monkey section, children amusement area, water and electricity supply system etc.	Establishment of Zoo at Sargodha.	No wildlife park or zoo is present at District Sargodha.	Establishment of Zoo at District Sargodha to attract visitors, provide recreational facility, promotion of research activity, propagation of wildlife in captivity.	Provision of recreational facility. Promotion of economic activity / job generation. Increased wildlife awareness.

IMPLEMENTATION PLAN

CIVIL WORKS								
Sr. No.	Name of Work	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Construction of Boundary Wall 4760 Rft. i/c brick work 13 ½ " thick 8' above D.P.C i/c razor wire 2' circle 4" c/c complete in all respect.	16.753						
2	Construction of Duty Check Post 4 Nos. 48 Sft each elevated on wall i/c Spiral Ladder 10' long complete in all respect.	0.458						
3	Construction of Animal Enclosure, 9 Nos. 5670 Rft. i/c Toe wall of brick work 13 ½ " thick, 2' above from ground level, M.S. Channel, 3"x1 ½ "X1/4" Post, 2.25' in toe wall and 7.25' above from toe wall, L-iron frame 1 ½ "x1 ½ "x1/4", partition of frame with tee iron 1 ½ "x1 ½ "x1/4", G.I. chain link 2"x2" mesh 8SWG struck pointing on toe wall both sides i/c painting, 9 Nos. shelter 225 Sft each and 9Nos water point 150 Sft each, 9 Nos. wooden khurlies complete in all respect.	22.612						
4	Construction of Sick / Segregation Enclosure 9 No 75 Rft each i/c small Shelter 48 Sft each and feeding point complete in all respect.	2.198						
5	Construction of Aviary 48305 Sft, M.S. pipe 10" i/d central pole 50' height and outer pole of M.S. L-iron 20' height i/c chain link ¾ " x ¾ " mesh 14 SWG tightened with steel wire rope 3/8" and ¼ " dia i/c artificial stone cladding of toe wall with habitat water pond complete in all respect.	18.592						
6	Construction of Monkey Ape Section 4000 Sft, G.I wire chainlink 2"x2" mesh 8 SWG i/c water pond, railing and land development complete in all respect.	5.472						
7	Construction of Vet Clinic 2704 Sft, including Incubation, Brooding Room, water supply and electrification complete in all respect.	6.260						

CIVIL WORKS								
Sr. No.	Name of Work	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
8	Construction of Main Gate with podium 9258 Sft mosaic marble chips tiles 1" thick floor, 3/4" thick pre-polished marble slab China Verona on steps and ticketing booth 794 Sft.	4.888						
9	Construction / laying Tuff paver path, 5' wide 35793 Sft complete in all respect.	5.445						
10	Construction of Car Parking 47680 Sft i/c toe wall of Brick work, concrete edge paver and tuff paver complete in all respect.	9.094						
11	P/F vertical turbine KSB or equivalent one cusec discharge, coupled with 40 HP electric motor Siemens or equivalent, turbine chamber, boring, completed in all respect.	3.477						
12	Construction of over head water reservoir, 10000 Gallon 40' height complete in all respect @ Rs.171.60 P. gallon.	1.683						
13	Construction of round bird cage 8 Nos. 150 Sft each i/c wooden nest complete in all respect.	3.914						
14	Construction of Search Light 10 Nos. using G.I pipe pole 20' height i/c Arms electrification charges etc.	0.724						
15	i. Construction of Public Toilet 2 Set 750 Sft each i/c facility for special persons, sanitary installation and electrification	3.832						
	ii. Septic tank, manhole and sewer line complete in all respect.	0.288						
16	Construction of Visitor Shelter Platform 12 Nos. 145 Sft each complete in all respect. Using Mat finish ceramic tiles.	0.784						
17	Construction of Pheasantry 870 Sft. windows of M.S. L-iron frame, chain link 3/4" x 3/4" mesh 14 SWG, electrification and automatic water supply system complete in all respect.	1.586						

CIVIL WORKS								
Sr. No.	Name of Work	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
18	Construction of Tuck Shop / Eataries 2 Nos. 838 Sft each i/c water supply and electrification complete in all respect.	3.600						
19	Construction of Electric supply line with HT, LT line 8200 Rft. steel pole 28 Nos. and transformers 100 KV, 2 Nos. completed in all respect.	3.151						
20	Construction of Pacca Water Course 1.5' wide 2' deep, 1800 Rft. from distributry minor to Zoo (1800+1950) = 3750 Rft. and inside Zoo 1950 Rft.	4.694						
21	Construction of Under Ground Water Storage Tank 10000 Gallon complete in all respect.	0.715						
22	Providing / Installation water supply line 5900 Rft. 3" i/d 400 Rft., 2" i/d 500 Rft., 1" i/d 2000 Rft., 3/4" i/d 3000 Rft. Polythene pipe i/c water hydrants / sprinklers 20 Nos. complete in all respect.	0.739						
23	Construction of Sewerage System 5000 Rft. line, 100 manhole, 12 Septic tank and 2 Soakage Pits complete in all respect.	4.785						
24	Construction of Office complex 2600 Sft i/c electrification, water supply and exterior finish with gutka complete in all respect.	5.553						
25	Construction of Feed Preparation Chamber, 1193 Sft.	2.528						
26	Construction of Food Court 2102 Sft including toilets and platform for open area sitting.	4.370						
27	Constriction of Residence for (Bs-1-10) 2 Nos. 990 each complete in all respect.	5.057						

CIVIL WORKS								
Sr. No.	Name of Work	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
28	Constriction of Supervisor Residence (B.S 11-14) 1 No 1360 Sft complete in all respect.	3.327						
29	Constriction of ADW / V.O Residence (B.S 16-17) 1 No. 1650 Sft complete in all respect.	3.826						
30	Constriction of office for DDW 3150 Sft complete in all respect.	7.137						
31	Development of land 4 acre uprooting sarkanda growth, removal of 1' deep kallar effected soil, ploughing, leveling, dressing, making lawn, filling sweet earth i/c turfing, cost of turf and planting 100 Nos. shrubs / plants of different species complete in all respect.	4.455						
32	Construction, Provision and Installation of Zoo Monument 625 Sft 17ft clear height from road level i/c 27 Rft. 6 ft wide semi circular board both side complete i/c artistic painting according to the approved design of Department.	0.532						
33	Construction of Prayer area 600 Sft with Ablution facility.	0.526						
34	Construction of Wildlife Model corners at main entry Gate.	0.500						
35	Extra cost for sulphate resistant cement (upto DPC level). Total Rs.51.000m @ 0.50 % = 0.255	0.255						
36	Construction of Filtration plant Room 132.25 Sft	0.214						
37	Construction of water supply line for filtration plant to different facilities	0.694						

CIVIL WORKS								
Sr. No.	Name of Work	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
38	Fencing for future parking area	1.582						
39	Add anticipated price variation	39.626						
40	Add 5 % PRA Tax.	10.297						
41	Add 1 % Tree Plantation.	2.060						
42	WAPDA and SNGPL connection charges	3.500						

Machinery, Store & Equipments								
Sr. No.	Name of Item	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Motorcycle-125CC (Deluxe)	0.364						
2	Incubator (Capacity 48 Eggs) with brooder and humidity pump and accessories	0.400						
3	UPS 5KVA with batteries and accessories for hatchery	0.300						
4	Generator 5KVA Honda / Yamaha or equivalent	0.300						
5	Computer (Core I-7 Intell processor, 4GB RAM, 1TB HDD) with monitor/LCD, printer and battery backup.	0.540						
6	Fax Machine	0.050						
7	Animals Rescue Kit (Stretcher, Operation Kit / First Aid Box, Operation Table, Chemicals etc.) with necessary Medicines	0.497						
8	Purchase of Mechanical Lawn Mover (engine mounted) 36 to 48 inch Blade	0.200						
9	Manual Lawn Mower large size, good quality.	0.100						
10	Purchase of Kassi, Sickles, Khurpas, Belcha, Shrub Cutters and other accessories	0.100						
11	Electric Water Cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat.	0.479						
12	Tranquilizing Gun with darts of different sizes and chemicals/injections	0.700						
13	Fire Fighting Equipments	0.350						
14	Furniture & Fixture	0.699						
15	Purchase of Feeder / Drinker etc.	0.200						
16	Children amusement facilities including children outdoor play sets, slides, merry go round, see saw, swings, monkey bar, tree climber, climbing ladder etc. made of steel/rubber/wood/recycled material etc.	2.995						
17	Circuit Benches with Backrest made of steel / rubber / wood / recycled material	0.380						
18	Picnic Bench with Sheds	0.380						
19	Pathology Lab & Treatment Room equipments	1.990						
20	Dual Dust Bins with stand & cover made of steel / rubber / wood / recycled material etc.	0.370						
21	Goldamatic water pump with boring and fixing 3/4" dia	0.199						
22	Desert Coolers of variable sizes	0.299						
23	Metal Detectors of good quality	0.039						

Machinery, Store & Equipments								
Sr. No.	Name of Item	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
24	Walk-Through Gates of good quality	0.281						
25	Directional boards, Information plates (stainless steel 2'x2' carved), maps etc.	0.800						
26	Bicycles	0.035						
27	Visitor Shelters Canopy, Hexagonal shape made of steel / plastic / wood / recycled material 9' high i/c 4 Nos. chairs and central table complete in respect.	5.850						
28	Tree Guards made of iron, 4 Nos. L-iron 1 ½"x1/8" – 4' height and suspended metal 16SWG coverage i/c painting.	0.299						
29	Provision, installation & commissioning of Reverse Osmosis water treatment plant of 800 Gallon capacity with plastic tank etc. complete in all respect.	0.879						
30	Provision, installation & commissioning of day / night vision close circuit watch & ward system with 25-Cameras DVR, networking cable complete in all respect.	1.730						
31	Provision, installation & commissioning of Public address system i/c speakers, electrification supply line / cable complete in all respect.	0.990						
32	Purchase of Deep Freezer	0.159						
33	Purchase of Refrigerator with freezing component for Lab.	0.199						
34	Air Conditioner 1.5 ton (Lab. Incubation & treatment room)	0.160						

COMMODITIES & SERVICES								
Sr. No.	Name of Item	Cost	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	Cost of Animals and Birds	6.000						
2	Cost of feed for animals / birds	0.150						
3	Office Stationery	0.287						
4	Telephone and Trunk Call	0.060						
5	Electricity Charges	0.100						
6	Hot & Cold	0.070						
7	P.O.L Charges	0.800						
8	Publicity & Advertisement Charges	0.585						
9	Cost of Chemical and Medicines	0						
10	Uniform for staff	0						
11	Maintenance of machinery and store equipment	0.100						
12	Printing charges	0.100						
13	Others	0.650						

RISK MITIGATION STRATEGY

Sr. No	Major Wildlife components / interventions	Quantity / Unit	Risks
1	Boundary Wall	4760 Rft	No risk is involved in the implementation of this project. Timely approval of project, procurements, recruitment of staff and release of funds by competent authority may be ensured.
2	Animal Enclosures	9 Nos	
3	Aviary	48305 Sft	
4	Vet. Clinic	2704 Sft	
5	Tuff Paver Paths	35793 Sft.	
6	Over Head Reservoir	10000 Gallon	
7	Round Bird Cages	8 Nos	
8	Pheasantry	870 Sft	
9	Sewerage System	5000 Rft	
10	Office Complex	2600 Sft	
11	Residences	4 Nos	
12	Motorcycle	2 Nos	
13	Incubator	2 Nos	
14	Generator	1 No	
15	Computer	3 Nos	
16	Tranquilizing Gun	2 Nos	
17	Children Amusement Facilities	1 Job	
18	Walk Through Gate	2 Nos	
19	Deep Freezer	2 Nos	
20	Refrigerator	1 No	
21	Animals / Birds	LS	
22	Recruitment of Staff	62 Nos	

ANNUAL PROCUREMENT PLAN IN LINE WITH PPRA**ANNUAL PROCUREMENT PLAN FOR 2017-2023**

(Under Rule 8 and 9 of the Public Procurement Rule 2004)

(Rs. In millions)

Sr No.	Name of Procurement (Description)	Estimated Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
2017-18							
1	Fax Machine	0.050	Quotation	01-12-2017	01-01-2018	31-01-2018	
2	Furniture & Fixture	0.300	Tender	01-12-2017	01-01-2018	31-01-2018	
2018-19							
1	Incubator (capacity 48 eggs) with brooder and humidity pump and accessories	0.200	Tender	01-08-2018	20-08-2018	30-08-2018	
2	UPS 5 KVA with batteries and accessories for hatchery	0.300	Tender	01-08-2018	20-08-2018	30-08-2018	
3	Generator 5 KVA Honda / Yamaha or equivalent	0.300	Tender	01-08-2018	20-08-2018	30-08-2018	
4	Computer Core I-7 intel processor 4GB Ram 1TB Hard) with monitor / Lcd, printer and battery backup	0.360	Tender	01-08-2018	20-08-2018	30-08-2018	
5	Manual Lawn Mower large size good quality	0.050	Quotation	01-08-2018	20-08-2018	30-08-2018	
6	Electric Water cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat	0.240	Tender	05-09-2018	25-09-2018	15-10-2018	
7	Tranquilizing Gun with draft of different sizes and chemicals/injections	0.700	Tender	05-09-2018	25-09-2018	15-10-2018	

Sr No.	Name of Procurement (Description)	Estimated Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
8	Fire Fighting Equipments	0.350	Tender	05-09-2018	25-09-2018	15-10-2018	
9	Purchase of Feeder / Drinker etc.	0.100	Tender	05-09-2018	25-09-2018	15-10-2018	
10	Desert Coolers of variable sizes	0.150	Tender	05-09-2018	25-09-2018	15-10-2018	
11	Metal Detectors of good quality	0.020	Tender	05-09-2018	25-09-2018	15-10-2018	
2021-22							
1	Purchase of Motorcycle-125CC Deluxe	0.376	Quotation	10-08-2021	30-08-2021	22-09-2021	
2	Incubator (capacity 48 eggs) with brooder and humidity pump and accessories	0.200	Tender	10-08-2021	30-08-2021	22-09-2021	
3	Computer Core I-7 Intel processor 4GB Ram 1TB Hard) with monitor / Lcd, printer and battery backup	0.180	Tender	10-08-2021	30-08-2021	22-09-2021	
4	Animal Rescue Kit (Stretcher, operation kit, First Aid Box, Operation Table, Chemicals etc) with necessary medicines	0.500	Tender	10-08-2021	30-08-2021	22-09-2021	
5	Purchase of Mechanical Lawn Mower (engine mounted) 36 to 48 inch blade	0.200	Tender	10-08-2021	30-08-2021	22-09-2021	
6	Purchase of Manual Lawn Mower large size good quality	0.050	Quotation	10-08-2021	30-08-2021	22-09-2021	
7	Purchase of Kassi, Sickles, Khurpas, Belcha, Shurb cutters and other accessories	0.100	Tender	10-08-2021	30-08-2021	22-09-2021	

Sr No.	Name of Procurement (Description)	Estimated Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
8	Electric Water cooler, 50 gallon, stainless steel body, Japanese/USA/UK compressor and imported thermostat	0.240	Tender	02-10-2021	22-10-2021	05-11-2021	
9	Tranquilizing Gun with draft of different sizes and chemicals/injections	0.700	Tender	02-10-2021	22-10-2021	05-11-2021	
10	Furniture & Fixture	0.400	Tender	02-10-2021	22-10-2021	05-11-2021	
11	Purchase of Feeder / Drinker etc	0.100	Tender	02-10-2021	22-10-2021	05-11-2021	
12	Children amusement facilities including children outdoor play sets, slides, merry go and see Saw, Swings, monkey bar, tree climber, climbing ladder etc made of steel / rubber / wood Recycled material	3.000	Tender	02-10-2021	22-10-2021	05-11-2021	
13	Circuit benches with backrest made of rubber/wood/recycled material	0.400	Tender	02-10-2021	22-10-2021	05-11-2021	
14	Picnic bench with sheds	0.450	Tender	02-10-2021	22-10-2021	05-11-2021	
15	Pathology Lab & Treatment Room equipments	2.000	Tender	02-10-2021	22-10-2021	05-11-2021	
16	Dual dustbins with stands & cover made of steel / rubber/wood/recycled material	0.400	Tender	06-12-2021	01-01-2022	25-02-2022	
17	Goldmatic Water pumps along with boring ¾ "dia	0.200	Tender	06-12-2021	01-01-2022	25-02-2022	

Sr No.	Name of Procurement (Description)	Estimated Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
18	Desert Coolers of variable sizes	0.150	Tender	06-12-2021	01-01-2022	25-02-2022	
19	Metal Detectors of good quality	0.020	Tender	06-12-2021	01-01-2022	25-02-2022	
20	Walk through gates of good quality	0.500	Tender	06-12-2021	01-01-2022	25-02-2022	
21	Directional Boards, information plates stainless stell 2'x2' carved), maps etc	0.800	Tender	06-12-2021	01-01-2022	25-02-2022	
22	Bicycles	0.036	Quotation	06-12-2021	01-01-2022	25-02-2022	
23	Visitors Shelters Canopy, Hexagonal shape made of steel / plastic / wood / recycle material 9' height i/c 4 Nos chairs and central table complete in respect	6.000	Tender	06-12-2021	01-01-2022	25-02-2022	
24	Tree Guards made of iron, 4 Nos. L-iron 1 ½"x1/8" – 4' height and suspended metal 16SWG coverage i/c painting.	0.300	Tender	06-12-2021	01-01-2022	25-02-2022	
25	Provision, installation & commissioning of Reverse Osmosis water treatment plant of 800 Gallon capacity with plastic tank etc complete in all respect	0.950	Tender	06-12-2021	01-01-2022	25-02-2022	
26	Provision, installation & commissioning of day / night vision close circuit watch & ward system with	2.000	Tender	06-12-2021	01-01-2022	25-02-2022	

Sr No.	Name of Procurement (Description)	Estimated Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
	25-Cameras DVR, networking cable complete in all respect						
27	Provision, installation & commissioning of public address system i/c speakers, electrification supply line / cable	1.000	Tender	06-12-2021	01-01-2022	25-02-2022	
28	Purchase of Deep Freezer	0.160	Tender	06-12-2021	01-01-2022	25-02-2022	
29	Purchase of Refrigerator with freezing component for lab	0.200	Tender	06-12-2021	01-01-2022	25-02-2022	
30	Air conditioner 1.5 ton (Lab Incubation & treatment room	0.160	Tender	06-12-2021	01-01-2022	25-02-2022	

OFFICE OF THE
DEPUTY COMMISSIONER/
DISTRICT COLLECTOR
SARGODHA

NO. 351/CA/UCC DATED 30-8-2017

To

The Member (Colonies),
Board of Revenue, Punjab,
Lahore.

SUBJECT:- establishment of zoo - transfer of land

Kindly refer to letter No.74/DG.W&P/PL1 ^{P. 33} (184)/2017 dated 06.07.2017 addressed to Commissioner Sargodha Division, Sargodha, received from the Directorate General, Wild Life and Parks Punjab 2-Sanda Road, Lahore on the above cited subject. (Copy enclosed)

2- It is stated that PM&E Unit Punjab Wildlife & Parks Department, Head Office Lahore has been requested vide letter under reference that a PC-I Scheme "Establishment of Zoo at Sargodha" is included in ADP 2017-18 at G.Sr.No.9079 with an allocation of Rs.25000m. As per plan, the said project has to be implemented over an area of 25-Acres falling in New Model Town Housing Society Sargodha Lahore Road. It has been further requested that the matter may be taken up with Board of Revenue Punjab and area of 25-Acres may be transferred to Punjab Wildlife and Parks development for establishment of zoo at Sargodha.

3- A report from Assistant Commissioner, Sargodha has been obtained. It has been reported that according to record vide letter No.3381 dated 01.09.1991 mutation No.251 (Jadeed Taqseem) dated 16.02.1993 and as per RHZ for the year 2007-2008 bearing Khewel No 74min, Khatooni No.294min, comprising Sq.No.29, Killa No 1, 2, 3/1, 3/2, 4, 5, 6, 7/1, 7/2, 8, 9, 10, 11, 12, 13, 14/1, 14/2, 15, 16/1, 16/2, 17, 18, 19, 20, 21, 22, 23, 24, 25/1, 25/2 land measuring 214 Kanal 15 Marlas situated in Chak No 85 S.B Tehsil & District Sargodha is owned by Provincial Government and in cultivation column there is entry "Safari Park Sargodha" the land in question is lying vacant at the spot and free from encumbrances. It has been further added that S.No.29, Khasra No.93/29 land measuring 09

Kanal 05 Marlas there is entry of watercourse, while at the site said watercourse has been demolished.

4- It is further added that competent Authority Board of Revenue Punjab vide letter No. 473-92/3451-CSVI dated 27.08.1992 (copy enclosed) accorded sanction to transfer, free of cost state land measuring 392 Kanal situated in Chak No.85 / S.B Tehsil & District Sargodha in favour of Deputy Commissioner, Sargodha for the establishment of a public park which was implemented in Revenue Record. The above mentioned proposed state land measuring 214 Kanal 15 Marlas is included in the area which was sanctioned vide letter dated 27.08.1992. Out of above said state land, land measuring 214 Kanal 15 Marlas has been proposed for the establishment of Zoo at Sargodha.

5- It is, therefore, requested that the already sanction granted for transfer of state land in favour of Deputy Commissioner, Sargodha for establishment of Public Park vide letter No. 473-92/3451-CSVI dated 27.08.1992 may be withdrawn and proposed state land comprising Sq.No 29, Killa No.1, 2, 3, 1, 3/2, 4, 5, 6, 7/1, 7/2, 8, 9, 10, 11, 12, 13, 14/1, 14/2, 15, 16/1, 16/2, 17, 18, 19, 20, 21, 22, 23, 24, 25/1, 25/2 land measuring 214 Kanal 15 Marlas situated in Chak No.85 S.B Tehsil & District Sargodha may be allotted to Punjab Wildlife and Parks Developments Department for establishment of Zoo at Sargodha. Copy of report of Assistant Commissioner, Sargodha, RHZ and Aks Shajra is attached.

Submitted for appropriate orders.

Deputy Commissioner
Sargodha

C.C

1. Commissioner, Sargodha Division, Sargodha with reference to his office letter No. DDF-2017/430 dated 12.07.2017
- ✓ 2. District Wildlife Officer, Sargodha.

No: 270 / DDF/55/2017,

Dated: 31/3/2017

forwarded in original to the Deputy Director
Wildlife, Sargodha Region, Sargodha for information and necessary
action, please.



From

The Secretary to Government of the Punjab,
Colonies Department.

To

The Deputy Commissioner,
Sargodha.

Subject: - PC-I SCHEME "ESTABLISHMENT OF ZOO" AT SARGODHA-----TRANSFER OF AREA MEASURING 214-KANAL 15-MARLA AND 2-KANAL FOR THE CONSTRUCTION OF OFFICE BUILDING FOR DEPUTY DIRECTOR WILDLIFE, SARGODHA.

Reference your office letter No. 304/CA/UCC, dated 30.08.2017 and letter No. 327/CA/UCC, dated 25.09.2017 on the subject cited above.

2. Government of the Punjab in the Colonies Department is pleased to modify the previous sanction issued vide letter No. 473-92/3451-CS-VI, dated 27.08.1992 by the Board of Revenue, Punjab and accord sanction to hand over the possession of state land measuring 214-kanals, 15-Marlas comprising Sq. No. 29, Killa Nos. 1, 2, 3/1, 3/2, 4, 5, 6, 7/1, 7/2, 8, 9, 10, 11, 12, 13, 14/1, 14/2, 15, 16/1, 16/2, 17, 18, 19, 20, 21, 22, 23, 24, 25/1, 25/2 out of 392-Kanal, situated at Chak No. 85/S.B. Tehsil and District Sargodha for establishment of Zoo at Sargodha and land measuring 2-Kanal comprising Sq. No. 2, Killa No. 22 Alif min situated at Chak No. 50/N.B Tehsil and District Sargodha in favour of Forest Wildlife and Fisheries Department for construction of office building. Necessary entries to this effect be incorporated in Revenue Record. In the column of title (خارج نامہ) name of Provincial Government (صوبائی حکومت) will remain as such whereas in the column of possession (خارج کاشت) the name of Forest Wildlife and Fisheries Department will be recorded.

3. The land in question will not be utilized for the purpose other than the one for which it is being handed over and will revert to the Colonies Department along with superstructure when no longer required for the purpose. The District Collector will be responsible for compliance of all Government laws/rules/regulations for utilization of the said land in a transparent manner.

4. The construction should commence within six months from the date of issuance of these orders, failing which the land shall be liable to be resumed. Land to be so delivered on ground be identified in terms of specific Khasra numbers along with area and Board of Revenue, Punjab be intimated accordingly, for record.

BY THE ORDERS OF
MEMBER (COLONIES)/ SECRETARY,
GOVERNMENT OF THE PUNJAB,
COLONIES DEPARTMENT

2605	
NO. 33-(S)-2018/155	
DATE 22/04/2020	
5(1)	
5(2)	
5(3)	
5(4)	
5(5)	

No. & Date Even.

✓ The Commissioner, Sargodha Division, Sargodha.
✓ The Secretary, Forest Wildlife & Fisheries Department.

ADDITIONAL SECRETARY (COLONIES-I)
BOARD OF REVENUE, PUNJAB.

DETAIL OF FIRE FIGHTING EQUIPMENT

Sr. No.	Item	Quantity
1	Fire Buckets, 2-gallon (9 liters) size, 26-gauge G.I. sheet	12 Nos.
2	Stand for buckets	04 Nos.
3	Dry Powder Fire Extinguisher DC-SP-06	06 Nos.
4	Dry Powder Fire Extinguisher DC-SP-12	06 Nos.
5	Water Type Fire Extinguisher Trolley NFPA-10	04 Nos.

LIST OF FURNITURE & FIXTURE

Assistant Director Wildlife		
1.	Officer Chair	01
2.	Officer Table	01
3.	Visitor Chair	05
4.	Side Rack	01
5.	File Cabinet	01
Supervisors		
1.	Official Chair	02
2.	Official Table	02
3.	Visitor Chair	06
4.	Side Rack	02
5.	Almirah	02
Office Staff		
1.	Staff Chair	02
2.	Staff Table	02
3.	Visitor Chair	04
4.	Rack	02
5.	Almirah	02
6.	Bench for Naib Qasids	03
7.	Steel Chest for Cash	01
8.	Computer Table	03
9.	Computer Chair	03
Vet. Clinic & Lab.		
1.	Officer Chair	01
2.	Officer Table	01
3.	File Cabinet	01
4.	Visitor Chair	04
5.	Side Rack	02
6.	Almirah	02

BREAKUP OF CHILDREN AMUSEMENT FACILITIES SUPPORTED WITH QUOTATIONS

Sr. No.	Name of Item	Qty
1.	Children outdoor play set made of steel / rubber / wood / recycled material having slide and stairs / steps, approach way with railing, fixing at site complete in all respect.	1 Sets
2.	Play set Safari Park model made of steel / rubber / wood / recycled material having 08 pillars slide and stairs / steps, approach way with railing, fixing at site complete in all respect.	1 Sets
3.	Two House and Tower Play set with net made of steel / rubber / wood / recycled material having 01 Net 10'x10' 06 Plate form, 02 Umbrella 01 slide and stairs / steps, approach way with railing, fixing at site complete in all respect.	1 Set
4.	Children Play area made of steel / rubber / wood / recycled material having 06 slide, 06 plate form stairs / steps, 01 Umbrella with railing, fixing at site complete in all respect.	1 Set
5.	Set of Slides with 2U made of steel / rubber / wood / recycled material 04 big slide, 02 small slide 02 ladder up side, Umbrella with fancy 08 blocks up side complete in all respect i/c fixing at site.	2 Nos.
6.	New model Slides made of steel / rubber / wood / recycled material 01 slide, 01 ladder up side, complete in all respect i/c fixing at site.	1 Nos.
7.	Merry go round made of steel / rubber / wood / recycled material with 06 sitting seats central post, revolving bearings complete in all respect i/c fixing at site.	2 Nos.
8.	Fancy model Sea Saw made of steel / rubber / wood / recycled material 10' long 02 handle 01 spring with base of 02 seats complete in all respect i/c fixing at site.	2 Nos.
9.	Round shape Swing made of steel / rubber / wood / recycled material having 06 Legs 02 seats complete in all respect i/c fixing at site.	1 Nos.
10.	Heavy Swing made of steel / rubber / wood / recycled material having 04 Legs 02 seats complete in all respect i/c fixing at site.	1 Nos.
11.	Monkey Bar made of steel / rubber / wood / recycled material 12' length 04 Legs complete in all respect i/c fixing at site.	1 Nos.
12.	Tree Climber made of steel / rubber / wood / recycled material Centre pipe 4" dia complete in all respect i/c fixing at site.	1 Nos.
13.	Climbing Ladder made of steel / rubber / wood / recycled material 02 Legs 10' & 02 legs 4', 07 half ring complete in all respect i/c fixing at site.	1 Nos.



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE

Barkat Plaza, Karim Pura Road, Sialkot.

Tel: 052-4595780, 4587316 Fax: 052-4595781

Cell: 0300-6105416, 0300-6130833, 0321-7157100

E-mail: lmlucky7@hotmail.com

www.btc-kn.com

Ref NO.867/9876/17

MIAN HAFEEZ AHMAD
DIRECTORATE PME PUNJAB WILD LIFE PARK
LAHORE

Subject:-

quotation

Sr.No	C.No	Description Of Items	Rate
1	4230-CRA	PICNIC BENCH WITH SHED	
2	4236-CRA	CAR PARKING SHED	38500
3	0161-CRA	CLIMBING LADDER	913.PFT
4	0146-CRA	TREE CLIMBER	18150
5	0163-CRA	G2T2 CLIMBER	30800
6	0236-CRA	VICTORIA BENCH LION TYPE	41800
7	0115-CRA	GARAGE SLIDE ALL STEEL	14300
8	1021-CRA	NEW MODEL SLIDE	41800
9	2191-CRA	FANCY MODEL SEE SAW	60500
10	2184-CRA	ROUND PIPE HEAVY SEE SAW	30800
11	2182-CRA	ROCKING HOUSE SEE SAW	28050
12	142-CRA	MONKEY BAR	57200
13	3176-CRA	4-PARTS LADDER	35200
14	3173-CRA	ROUND BRIDGE LADDER	40700
15	1015 -CRA	PLAY SET SAFARI PARK MODEL	19800
16	0121-CRA	SET OF 2 SLIDES WITH 2 U.	275000
17	1036-CRA	TWO HOUSE AND TOWER PLAY SET WITH NET	231000
18	0102-CRA	CHILDREN PLAY AREA	599500
19	0105-CRA	CHILDREN OUT DOOR PLAY SET	467500
20	3285-CRA	CIRCUIT BENCH WITH BACK REST	537625
21	3269-CRA	WOODEN BENCH	35200
22	0140-CRA	WORDY BIRD MARRY GO ROUND 06 SEATS	10450
23	0185-CRA	HEAVY SWING 02 SEATS 04 LEGS	33550
24	1115-CRA	ROUND SHAPE SWING 02 SEATS	20350
25	4270-CRA	DUAL DUST BIN WITH STAND & COVER	41800
			15400

Thanking you and hoping to hear from your side soon.

Chief Executive.

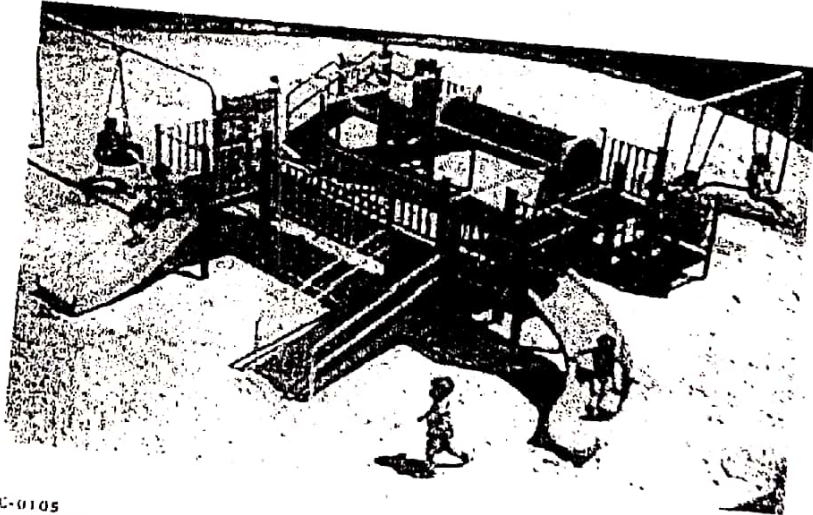
Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

PLAYGROUND SETS

SEARCH YOUR PRODUCTS...



Barkat Trading Co



BTC-0105
PlayGround Set
Children out door play Set



BTC-1014
PlayGround Set



BTC-1015
PlayGround Set

Back

Follow Us

products.php?SID=653

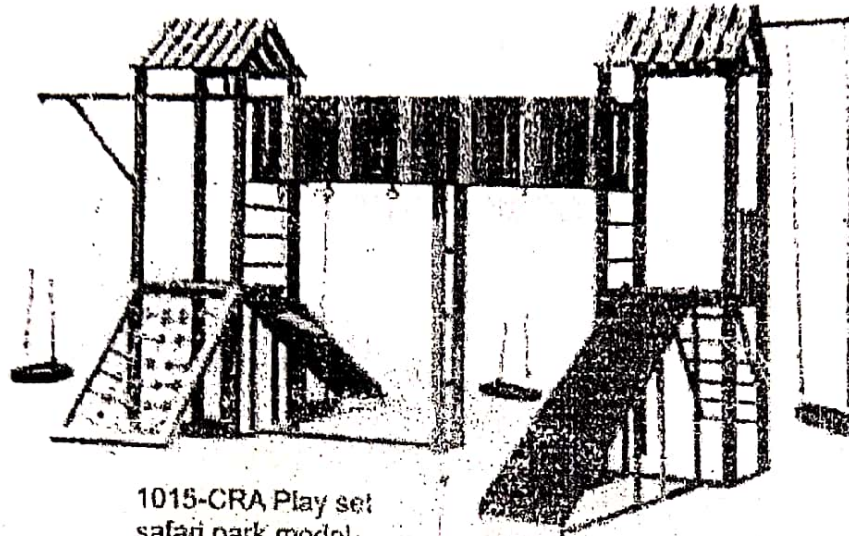


Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: imlucky7@hotmail.com
www.btc-kn.com

1015-CRA PLAY SET SAFARI PARK MODEL



1015-CRA Play set
safari park model

SPECIFICATION

FITTED WITH 08 NOS PILLARS SQ. PIPE 3"X3" 16 GUAGE, ONE SLIDE BIG SIZE ONE SLIDE SMALL
SIZE FITEED WITH 02 TYRES TWO SEAT'S ONE BRIDGE FITTED WITH 02 GRILL FITTED WITH V
TYPE UMBRELLA , ONE LADDER ONE NET TYPE STRUCTURE WITH PAITNING COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddla Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

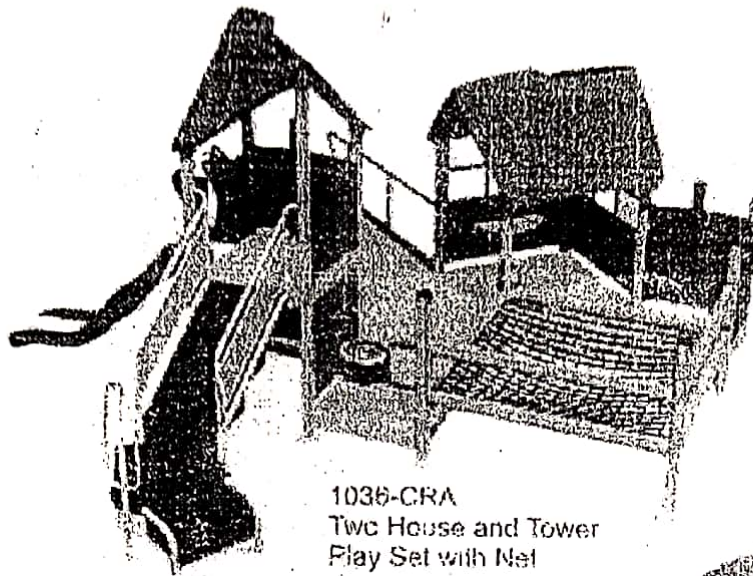


Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kn.com

1036-CRA TWO HOUSE AND TOWER PLAY SET WITH NET



1036-CRA
Two House and Tower
Play Set with Net

SPECIFICATION

FITTED WITH ONE NET 10'X10' SIX NOS PLATE FORM 02 NOS UMBRELLA PLASTIC PIPE GRILLS,
ONE SLIDE FIBER GLASS 08 NOS, PIPE 4" BIG , 05 NOS PIPE 4" SMALL FITTED WITH STAIRS,
WITH TOTAL ITEMS 10 NOS COMPLETE ,

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kn.com

0102-CRA CHILDREN PLAY AREA



0102-CRA
Children Play Area

SPECIFICATION

SIX PIPE 4" PIPE SIX SLIDE 13FT, 10 NOS, PIPE 4" PIPE 10FT, 4'X4' 02 NOS, AND 5'X4' 01 NOS,
6'X4' 01 NOS, SIX SLIDE PLATE FORM TOTAL PLATE FORM 05 NOS, ONE LADDER ONE SLIDE
STEEL, ONE SLIDE FIBER GLASS ONE ROUND FIBER GLASS SLIDE, AND UP SIDE UMBRELLA
FIBER GLASS.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statuo, Equipments.

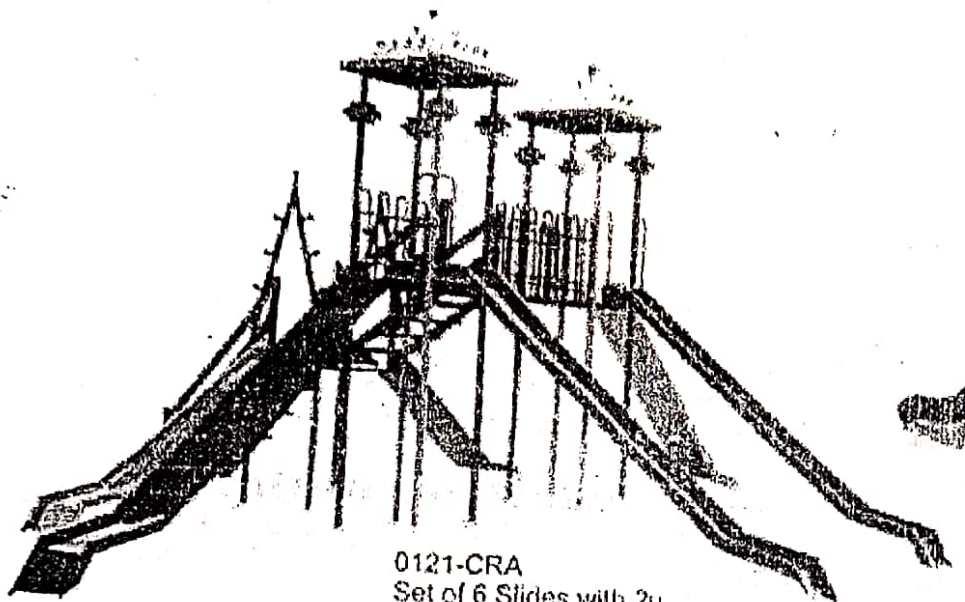


Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kn.com

0121-CRA SET OF 6 SLIDES WITH 2 U



0121-CRA
Set of 6 Slides with 2u

SPECIFICATION

08 NOS PIPE 13FT, 2 1/2" DIA, FITTED WITH 04 PLATE FORM WITH GRILL, 04 BIG SLIDE, 02 SLIDE, SMALL, TWO LADDER UP SIDE, UMBRELLA WITH FANCY EIGHT BLOCKS UP SIDE UMBRELLA FITTED WITH FANCY BALL COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.



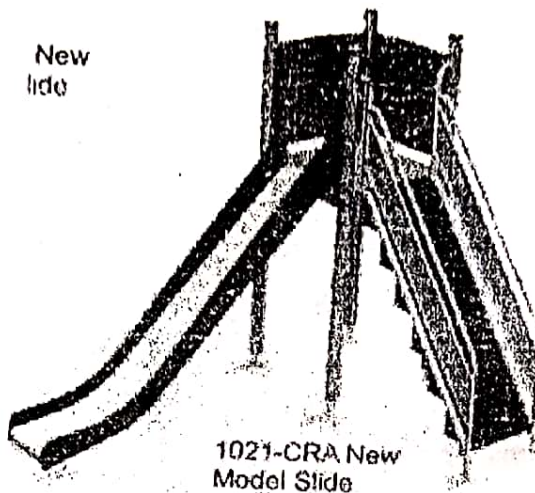
Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Call: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kn.com

1021-NEW MODEL SLIDE

New
lide



SPECIFICATION

STAIR ALL STEEL CHACKER CHADER SHAPE , 02 HANDLES 2" PIPE 4 PIPE STAND ONE PLATE
FORM 42"X42" WITH 02 GRILL ONE SLIDE , STEEL SHED 16 GUAGE COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

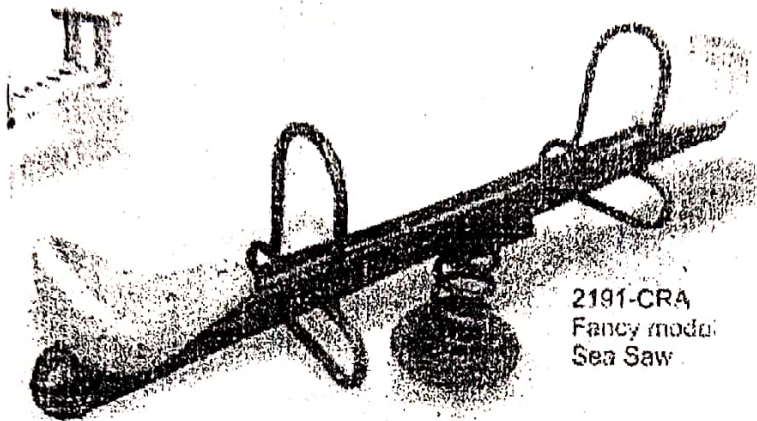


Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: imlucky7@hotmail.com
www.bte-kn.com

SEE SAW 2191-CRA



2191-CRA
Fancy model
Sea Saw

SPECIFICATION

10 FT, 4" PIPE 02 HANDLE WITH ONE SPRING WITH BASE TWO SEATS,

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

64



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kg.com

1115-CRA ROUND SHAPE SWING



1115-CRA
Round Shape Swing

SPECIFICATION

SWING PIPE 10FT LENGTH HAVING PIPE 2 1/2" 12 GUAGE, FITTED WITH 06 LEGS 2" PIPE 12 GUAGE, WITH 02 SEATS 1 1/2" ANGLE FITTED WITH 02 NOS WOODEN SEATS NUT BOLT PAINTING COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1087463-5

DISPLAY CENTRE

Barkat Plaza, Karim Pura Road, Sialkot.

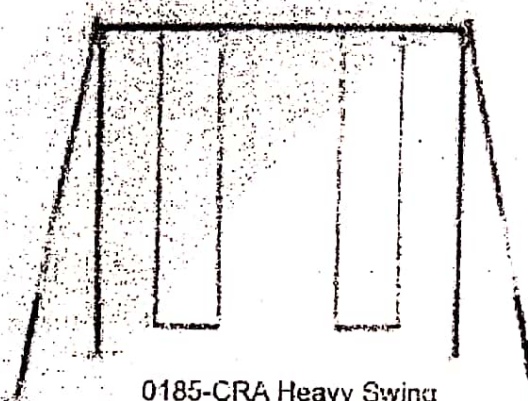
Tel: 052-4595780, 4587316 Fax: 052-4595781

Cell: 0300-6105416, 0300-6130833, 0321-7157100

E-mail: imlucky7@hotmail.com

www.btc-kn.com

0185-CRA HEAVY SWING



0185-CRA Heavy Swing
(2 Seats) (4 Legs)

SPECIFICATION

HEAVY SWING FITTED WITH 10 FT LENGTH PIPE 2 1/2" 12 GAUGE, FITTED WITH 04 LEGS 2" 12 GAUGE, FITTED WITH SEATS WOODEN FOUR SINGLE 1 1/2" NET BOLT COMPLETE IN ALL RESPECTS.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: imlucky7@hotmail.com
www.btc-kn.com

142-CRA MONKEY BAR



142-CRA Monkey Bar

SPECIFICATION

12 FT LENGTH 2" PIPE AND 1" PIPE WITH FOUR LEGS 3"X3" SQ PIPE, 10 FT COMPLETE,

Manufacturers, Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

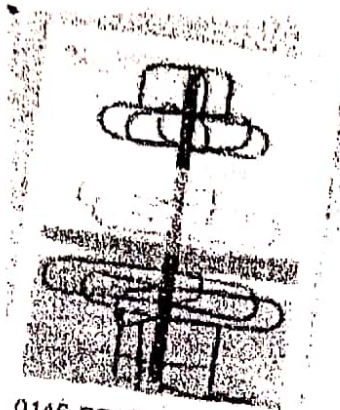


Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lmlucky7@hotmail.com
www.btc-kn.com

0146-TREE CLIMBER



0146-CRA Tree Climber

SPECIFICATION

CENTRE PIPE 4" PIPE FITTED WITH SIX "U" 2 1/2" L, SIX U 3 1/2" L, AND SIX U 4 1/4 L, HAPE SIDE,
THREE L 15"X15" 2" OUTER DIA COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.



Barkat
TRADING CO. (REGD)

GOVT. CONTRACTORS & GENERAL ORDER SUPPLIERS
N.T.N 1007463-5

DISPLAY CENTRE
Barkat Plaza, Karim Pura Road, Sialkot.
Tel: 052-4595780, 4587316 Fax: 052-4595781
Cell: 0300-6105416, 0300-6130833, 0321-7157100
E-mail: lm1ucky7@hotmail.com
www.btc-kn.com

0161-CRA CLIMBING LADDER



0161 - CRA Climbing Ladder

SPECIFICATION

02 leg 10 ft 2 1/2" pipe 07 NOS HALF RING 1" PIPE 16 GUAGE, 02 NOS LEGS 4FT, 2 1/2" PIPE 04 NOS, HALF RING 1" PIPE 16 GUAGE COMPLETE.

Manufacturers Importers & Exporters of,
Gymnastic Athletic, Children Recreation Exercise Apparatus, Sports Goods, Band Equipments, Fiber Glass Equipments,
Slides, Paddle Boats, Chairs, Benches, Class Room Desks, Rocking Seesaw, Swings, Billiard, Statue, Equipments.

TENTATIVE DETAIL OF PATHOLOGY LAB AND TREATMENT EQUIPMENT

Sr. No.	Items	Qty
1	Centrifuge machine	1
2	Distilled water still	5 Bottles
3	Water bath	2
4	Cabinet for 1000 slides	4
5	Autopsy table	1
6	Staining racks for staining in bulk	1 set
7	Balance, Chemical with weights	1
8	Microscope high power with oil immersion lens moveable stage and condensor for the routine microscope work.	1 set
9	Magnifying lens	2
10	Hot plat electric	1
11	Automatic timer	1
12	Balance for weighing organs	1
13	Saws, wire for cutting bones	1
14	Slide boxes for 100 slides	5
15	X-ray Machine with viewing box	1
16	Liver Biopsy needle	3
17	pH Meter electronic	1
18	Museum jars.	10
19	Surgical instruments.	1 set
20	Research Microscope with Digital Camera including grabber card attachment and computer for storage transfer and simultaneous imaging	1 set
21	Hot Air Oven	1
22	Kitchen Balance	1
23	Gas Stove with Cylinder	1
24	Slide Carrying tray	2
25	Blood cell counter	1
26	Electronic Digital Timer	1
27	Lumber Puncture Needles	1 set
28	Incubator	1
29	Urinometers	1
30	Centrifuge tubes graduated	1 set
31	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.	1 set
32	Pipettes of various sizes, graduated sets	1 set
33	Reagent bottles.	1 set
34	Dropping bottles	1 set
35	Reagents	misc.
36	Cell Counter	1

LIST OF BIRDS- INTERNAL ARRANGEMENT / SHIFTING

Sr. No.	Name	Scientific Name	Male	Female	Total	Remarks
1.	Common Peafowl	Pavo cristatus	4	12	16	Internal arrangement / shifting
2.	Black Shoulder	Pavo cristatus	4	12	16	
3.	White Peafowl	Pavo cristatus	2	4	6	
4.	Java Green	Pavo muticus (muticus)	2	2	4	
5.	Emerald Peafowl	Pavo muticus (imperator)	2	4	6	
6.	Pied Peafowl	Pavo cristatus	2	6	8	
7.	Yellow Golden Pheasant	Chrysolophus pictus	2	2	4	
8.	Ring-necked Pheasant	Phasianus colchicus	4	8	12	
9.	Green Pheasant	Phasianus versicolor	4	8	12	
10.	Golden Pheasant	Chrysolophus pictus	2	4	6	
11.	Silver Pheasant	Lophura nycthemera	4	8	12	
12.	Lady Amherst	Chrysolophus amherstiae	2	2	4	
13	White Pheasant	Crossoptilon crossoptilon	2	4	6	
14	Grey Partridge	Francolinus Pondicerianus	2	2	4	

LIST OF ANIMALS - INTERNAL ARRANGEMENT / SHIFTING

Sr. No.	Name	Scientific Name	Male	Female	Total	Remarks
1.	Blue Bull	Boselaphus tragocamelus	1	3	4	Internal arrangement / shifting
2.	Hog Deer	Axis porcinus	4	8	12	
3.	Samber	Rusa unicolor	1	3	4	
4.	Spotted Deer	Axis axis	4	8	12	
5.	Chinkara	Gazella bennettii	2	6	8	
6.	Black Buck	Antilope cervicapra	2	6	8	
7.	Urial	Ovis vignei	2	6	8	
8.	Mouflon Sheep	Ovis aries	4	8	12	
9.	Black Bear	Ursus thibetanus	2	2	4	
10.	Monkey	Macaca mulatta	4	16	20	
11.	Lion	Panthera leo	1	2	3	

TENTATIVE LIST OF ANIMALS / BIRDS TO BE PURCHASED

Sr. No.	Name	Scientific Name	Male	Female	Total	Remarks
1.	Addax	Addax nasomaculatus	1	1	2	This is the tentative list of animals / birds. However, animals / birds would be selected out of this list keeping in view the availability of funds.
2.	Lesser Kudu Antelope	Tragelaphus imberbis	2	4	6	
3.	Oryx	Oryx gazelle	2	2	4	
4.	Roan Antelope	Hippotragus equinus	2	4	6	
5.	Vervet	Chlorocebus pygerythrus	4	8	12	
6.	Ostrich	Struthio camelus	2	4	6	The basis of cost may not be given at this stage since no exact market rates are available. However, procurement would be made under competitive bidding system under the provisions of PPRA Rules.
7.	Cassowary	Casuarius (Casuarius)	4	8	12	
8.	Emu	Dromaius novaehollandiae	2	2	4	
9.	Parrots of different varieties	Psittaciformes	8	16	24	

GOVERNMENT OF THE PUNJAB
SERVICES & GENERAL ADMINISTRATION
DEPARTMENT

Dated Lahore, the 18th March, 2007.

NOTIFICATION

No.SOR-III(S&GAD) 1-3/2003. In exercise of the powers conferred upon him under section 23 of the Punjab Civil Servants Act, 1974 (VIII of 1974), the Governor of the Punjab is pleased to direct that in the Punjab Forestry and Wildlife (Wildlife Executive) Service Rules, 1978, the following amendments shall be made:-

AMENDMENTS

For the existing Schedule, the schedule as appended here to shall be substituted:-

BY ORDERS OF THE GOVERNOR OF THE PUNJAB

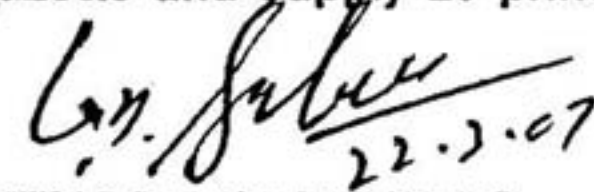
NAGUIB ULLAH MALIK

ADDITIONAL CHIEF SECRETARY

NO SOR-III (S&GAD)1-3/2003 Dated Lahore, the 22nd March 2007

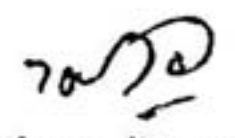
A copy is forwarded for information and necessary action to:

1. The Secretaries, Government of the Punjab,
 - i. Finance Department.
 - ii. Law & P.A Department.
 - iii. FW&F Department.
2. The Secretary, Punjab Public Service Commission, Lahore.
3. The Registrar, Lahore High Court, Lahore.
4. The System Analyst (O&M), S&GA Department.
5. The Private Secretaries to Chief Secretary/Additional Chief Secretary and Secretary (Services), S&GA Department.
6. The Superintendent, Government Printing Press Punjab, Lahore with the request to publish this notification in official gazette and supply 20 printed copies thereof to the undersigned.

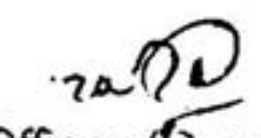

(MUHAMMAD SALEEM)
SECTION OFFICER (R-III)

SCHEDULE

Name of the Department	Functional Unit	Name of the Post	Appointing Authority	Minimum Qualification for Appointment by		Method of Recruitment	Age for Initial Recruitment		Examinative training and other conditions required for confirmation
				Initial recruitment/ transfer	Promotion		Min.	Max.	
1	2	3	4	5	6	7	8	9	10
Forestry and Wildlife Department	Wildlife Executive	1. Director General, Wildlife & Parks, Punjab (BS-20)	Chief Minister			By promotion on the basis of selection on merit amongst the Directors, Wildlife & Parks, Punjab (BS-19) possessing qualifications of M.Sc. Zoology with 17 years service in BS-17 and above in Wildlife Department OR By posting of an officer of BS-20 from S&GAD.			
Forestry and Wildlife Department	Wildlife Executive	2. Director, Wildlife & Parks, Punjab (BS-19)	Chief Minister	Ph.D. in Wildlife or Zoology and 8 years administrative experience in Wildlife Development Research and conservation. Or M.Sc. Wildlife or (Zoology) (1 st Division) and 10 years administrative experience.	-	By selection on merit from amongst the Deputy Director, Wildlife with 12 years service in the Department in Grade 17 or 7 years service in Grade-18 having M.Sc. Zoology or equivalent qualification. OR If none is available for promotion then by transfer of an officer of BS-19 from S&GAD. A period of three years will be provided to all those Deputy Directors to acquire Post Graduate qualification.	-	-	-
Forestry and Wildlife Department	Wildlife Executive	3. Deputy Director Wildlife (BS-18)	Administrative Secretary	i) Ph.D. in Wildlife management OR ii) M.Sc. Zoology (1st Div.) with 5 years experience in Wildlife Management.	-	i) 75% by promotion on seniority-cum-fitness amongst Assistant Director, in the functional unit with 5 years service as such. ii. 25% by initial recruitment. OR iii. If none is available for initial recruitment then above quota of initial recruitment shall be filled in by transfer from S&GAD amongst (BS-18) Officer.	21	40	-

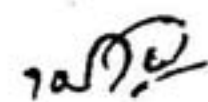

 Section Officer (Regulation)
 Govt. of the Punjab
 Law and P.A. Department

Forestry and Wildlife Department	Wildlife Executive	4. Deputy Director Wildlife (Publicity) (BS-18)	Administrative Secretary	-	-	i. By promotion on seniority-cum-fitness basis amongst Assistant Director (Publicity), having five years experience. ii. If none is available for promotion, then by posting from the general cadre of Deputy Director; OR By posting on deputation from (Grade-18) officer of S&GAD/ Information Department having five years experience	-	-	-
Forestry and Wildlife Department	Wildlife Executive	5. Assistant Director Wildlife (BS-17)	Administrative Secretary	M.Sc. Zoology (1st Div.)	-	i) 50% by initial recruitment ii) 50% by promotion on seniority-cum-fitness basis amongst District Wildlife Officers who are B.Sc.	20	30	-
Forestry and Wildlife Department	Wildlife Executive	6. Assistant Director Wildlife (Publicity) (BS-17)	Administrative Secretary	Bachelor's Degree from a recognized University with 3 years experience in News papers or a News Agency or Information Department as a Journalist or in Publicity in a Government Department or an Autonomous Body.	-	i. By promotion on seniority-cum-fitness basis amongst Publicity Assistant having 10 years experience in Journalism and Wildlife Publicity matters. ii. If none is available for promotion then by transfer from S&GAD / Information Department or by initial recruitment.	21	35	-
Forestry and Wildlife Department	Wildlife Executive	7. Veterinary Officer (BS-17)	Administrative Secretary	D.V.M. or B.Sc. (A.H.) or equivalent qualification from a recognized University.	-	i) By initial recruitment. ii) If none is available then by transfer.	21	30	-
Forestry and Wildlife Department	Wildlife Executive	8. Botanist (BS-17)	Administrative Secretary	M.Sc. Botany (1st Div.) from a recognized University.	-	i) By initial recruitment. ii) If none is available then by transfer.	21	26	-
Forestry and Wildlife Department	Wildlife Executive	9. Statistical Officer (BS-17)	Administrative Secretary	i) Master's degree (2nd Div.) in Statistics /Math./Economics/ Commerce with special papers on Statistical methods from a recognized University. ii) One year's experience in the collection and tabulation of data or application of Statistical methods and graphics representation of data or publications. OR Master's degree from a foreign University other than an Indian University in Statistics/ Mathematics/ Economics.	-	i. By promotion on seniority cum fitness basis amongst Planning Officers having two years service possessing qualification for initial recruitment. ii. If none is available for promotion then by initial recruitment.	21	26	-


 Section Officer (Regulation)
 Govt of the Punjab
 Law and P.A. Department



Forestry and Wildlife Department	Wildlife Executive	10. Monitoring & Evaluation Officer (BS-17)	Administrative Secretary	-	-	By promotion on seniority-cum-fitness basis amongst Planning Officers.	-	-	-
Forestry and Wildlife Department	Wildlife Executive	11. Curator (BS-17)	Administrative Secretary	D.V.M. or B.Sc. (A.H.) or equivalent qualification from a recognized university.	-	i) By transfer ii) If none is available by transfer then by promotion from District Wildlife officers possessing qualification of M.Sc. Zoology	21	35	-
Forestry and Wildlife Department	Wildlife Executive	12. Chief Draftsman (BS-17)	Administrative Secretary	Matric with 3 years Diploma Course of Associate Engineer in Civil Technology.	-	i) By promotion on seniority-cum-fitness basis amongst Head Draftsmen with 3 years service as such. ii) If none is available for promotion then by initial recruitment.	18	30	-
Forestry and Wildlife Department	Wildlife Executive	13. District Wildlife Officer (BS-16)	Director General, Wildlife & Parks, Punjab	M.Sc (Zoology)	-	i) 50% by initial recruitment. ii) 50% by promotion on seniority-cum-fitness basis amongst Wildlife Supervisors having 5 years experience as such.	23	30	-
Forestry and Wildlife Department	Wildlife Executive	14. Planning Officer (BS-16)	Director General, Wildlife & Parks Punjab	M.A. Economics (2nd Div.), or M.Sc. Zoology from a recognized University.	-	i) By initial recruitment ii) If none is available by initial recruitment then by transfer.	21	30	-
Forestry and Wildlife Department	Wildlife Executive	15. Cameraman (BS-13)	Director General, Wildlife & Parks, Punjab	Intermediate with at least 3 years experience in indoor and outdoor cinematography and knowledge of Technical process used for documentary films.	-	By initial recruitment	20	26	-
Forestry and Wildlife Department	Wildlife Executive	16. Head Draftsman (BS-12)	Director General, Wildlife & Parks, Punjab	Matric with 3 years diploma course of Associate Engineer in Civil Technology.	-	i) By promotion on seniority-cum-fitness basis amongst Draftsmen with 3 years service as such. ii) If none is available for promotion then by initial recruitment.	18	30	-
Forestry and Wildlife Department	Wildlife Executive	17. Draftsman (BS-11)	Director General, Wildlife & Parks, Punjab	Diploma in Draftsman-ship from a recognized Institute.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	18. Wildlife Supervisor (BS-11)	Director General, Wildlife & Parks, Punjab	B.Sc. Zoology	-	i) 50% by initial recruitment ii) 50% by promotion on seniority-cum fitness basis amongst Wildlife Inspectors.	20	26	-
Forestry and Wildlife Department	Wildlife Executive	19. Hatchery Supervisor (BS-11)	Director General, Wildlife & Parks, Punjab	-	-	By promotion on seniority cum fitness basis amongst matriculate Hatchery Men with 5 years experience in the maintenance of Hatchery.	-	-	-


 Section Officer (Regulation)
 Govt. of the Punjab
 Law and P.A. Department

Department	Wildlife Executive	20. Publicity Assistant (BS-11)	Director General, Wildlife & Parks, Punjab	Degree from a recognized University with 2 years experience in Newspapers or News Agency or Information Department.	-	i). By transfer from any Government Department engaged in publicity. ii). By initial recruitment.	20	30	-
Forestry and Wildlife Department	Wildlife Executive	21. Photographer (BS-11)	Director General, Wildlife & Parks, Punjab	i) Matric or equivalent qualifications from a recognized Board. ii) Practical knowledge of various agencies of photography, and not less than 3 years practical experience in photography.	-	i) By promotion on seniority cum fitness basis amongst Assistant Cameraman with 2 years service as such.; and ii) If none is available for promotion then by initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	22. Artist (BS-11)	Director General, Wildlife & Parks, Punjab	i) Matric with subject of Drawing ii) 3 years experience in Fine Arts	-	i). By initial recruitment. ii). If none is available then by promotion amongst Painters with 10 years experience.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	23. Stock Assistant (BS-9)	Director General, Wildlife & Parks, Punjab	i) Matriculation ii) Certificate from Agri. University, Faisalabad, College of Animal Husbandry, Lahore and Livestock and Dairy Development Department for the prescribed course of training.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	24. Projector Operator (BS-8)	Director General, Wildlife & Parks, Punjab	Matric from a recognized Board with 5 years experience in operating Projectors of all kinds.	-	By initial recruitment.	18	30	-
Forestry and Wildlife Department	Wildlife Executive	25. Wildlife Inspector (BS-7)	Deputy Director Wildlife concerned	F.Sc. Pre-Medical from a recognized University/Board with height 5'-7" and chest 34"-36".	-	i) 50% by initial recruitment; ii) 50% by promotion on seniority-cum-fitness basis amongst Head Wildlife Watchers who have 5 years experience as such.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	26. Laboratory Assistant (BS-7)	Deputy Director Wildlife concerned	Matric or equivalent qualifications with Physics & Chemistry from a recognized Board.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	27. Hatchery-man (BS-6)	Deputy Director Wildlife concerned	Matriculation with Science with 2 years experience in maintenance of hatchery.	-	i) By promotion on seniority-cum-fitness basis amongst Matric Farm Attendants having 2 years experience in hatchery work. ii) If none is available for promotion then by initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	28. Electrician (BS-6)	Deputy Director Wildlife concerned	Matric with Science along-with a certificate of Electrician from a recognized Institution having 2 years experience.	-	By initial recruitment, or by transfer.	18	25	-


 Section Officer (Regulation)
 Govt. of the Punjab
 Law and P.A. Department

Forestry and Wildlife Department	Wildlife Executive	29. Field Assistant (BS-6)	Deputy Director wildlife concerned	Matric with Science from a recognized Board.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	30. Field Compounder (BS-6)	Deputy Director wildlife concerned	Qualified Veterinary Compounder.	-	i. By initial recruitment ii. By transfer.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	31. Instructor (BS-5)	Deputy Director wildlife concerned	F.Sc. Pre-Medical from a recognized Board.	-	i). By promotion on seniority-cum-fitness basis amongst Head Wildlife Watchers with 5 years experience as such. ii) If none is available then by initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	32. Booking Clerk (BS-5)	Deputy Director Wildlife Concerned	Matric or equivalent qualifications from a recognized Board.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	33. Painter (BS-5)	Deputy Director Wildlife, concerned	Matric with 5 years experience.	-	By initial recruitment	18	25	-
Forestry and Wildlife Department	Wildlife Executive	34. Assistant Cameraman (BS-5)	Deputy Director Wildlife concerned	Matric from a recognized Board or equivalent qualifications with 2 years experience in in-door and out-door cinematography as such and knowledge of technical process used for documentary films.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	35. Head Watcher (BS-5)	Deputy Director Wildlife concerned	Literate Ex-Serviceman.	-	i) By promotion on seniority-cum-fitness basis amongst Watchers having 3 years service as such. ii) If none is available for promotion then by initial recruitment.	21	45	-
Forestry and Wildlife Department	Wildlife Executive	36. P.T. Instructor (BS-5)	Deputy Director Wildlife concerned	Matriculation or an equivalent qualification from a recognized Board.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	37. Farm Attendant (BS-3)	Deputy Director Wildlife concerned	Matriculation or equivalent qualification from a recognized Board.	-	By initial recruitment	18	25	-
Forestry and Wildlife Department	Wildlife Executive	38. Mohawat (BS-2).	Deputy Director Wildlife concerned	Particular experience regarding rearing of elephants.	-	By initial recruitment	18	25	-
Forestry and Wildlife Department	Wildlife Executive	39. Head Wildlife Watcher (BS-3)	Deputy Director Wildlife concerned	-	-	By promotion on seniority-cum-fitness basis amongst Wildlife Watchers.	-	-	-
Forestry and Wildlife Department	Wildlife Executive	40. Watcher (BS-2)	Deputy Director Wildlife concerned	Literate preferably Ex-Serviceman.	-	By initial recruitment.	21	45	

Section Officer (Regulation)
Government of Punjab
Law and Public Department

Forestry and Wildlife Department	Wildlife Executive	41. Tubewell Operator (BS-2)	Deputy Director Wildlife concerned	Proficiency in the trade.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	42. Wildlife Watcher (BS-1)	Deputy Director Wildlife concerned	Matric, with height 5'-7" and chest 34"-36".	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	43. Boat Man/ Guide/Fisherman (BS-1)	Deputy Director Wildlife concerned	Skill in rowing/ experience of working as Guide in Cholistan/ skill in fishing.	-	By initial recruitment.	18	25	-
Forestry and Wildlife Department	Wildlife Executive	44. Baildar (BS-1)	Deputy Director Wildlife concerned	-	-	By initial recruitment.	18	25	-

7472
Section Officer (Regulations)
Govt. of the Punjab
Law and P.W. Department

✓

ELIGIBILITY CRITERIA FOR RECRUITMENT OF SECURITY GUARD (EX-MILITARY MAN)

Name of the Department	Functional Unit	Name of Post	Appointing Authority	Minimum Qualification for Appointment		Method of Recruitment	Age for Initial Recruitment		Examination/training and other conditions required for confirmation
				Initial Recruitment / transfer	Promotion		Min.	Max.	
1	2	3	4	5	6	7	8	9	10
Forest, Wildlife and Fisheries Department	Wildlife Executive	Security Guard (Ex-Military Man) (BS-5)	Deputy Director Wildlife concerned	Ex-Military Man having Matric qualification	-	By initial recruitment	21	45	-

LIST OF PLANTS RECOMMENDED FOR PLANTING IN SARGODHA ZOO.

S. No.	Common Name	Scientific Name	Type
1	Kachnar	<i>Bauhinia variegata</i>	Flowering tree
2	Bottle Brush	<i>Callistemon lanceolatus</i>	Do
3	Berna	<i>Crataevia religiosa</i>	Do
4	Amaltas	<i>Cassia fistula</i>	Do
5	Gul-e-Nishter	<i>Erythrina suberosa</i>	Do
6	Gul Cheen	<i>Plumeria acutifolia</i>	Do
7	Lahura	<i>Tecoma undulate</i>	Do
8	Bakain	<i>Melia azedarach</i>	Shady tree
9	Nim	<i>Azadirachta indica</i>	Do
10	Arjun	<i>Terminalia arjuna</i>	Do
11	Safed Siris	<i>Albizia procera</i>	Do
12	Toot	<i>Morus alab</i>	Shady / forage tree
13	Pipal	<i>Ficus religiosa</i>	Shady tree for island in the lake
14	Raat ki Rani	<i>Cestrum nocturnum</i>	Flowering Shrub
15	Boondey	<i>Hamelia patens</i>	Do
16	Gorhal	<i>Hibiscus rosa-sinensis</i>	Do
17	Mehndi	<i>Lawsonia inermis</i>	Do
18	Madan Kamni	<i>Murraya exotica</i>	Do
19	Kaner	<i>Nerium indicum</i>	Do
20	Har Singhar	<i>Nyctanthes arbor-tristis</i>	Do
21	Boganvelia	<i>Bougainvillia spp</i>	Climber
22	Chambeli	<i>Jasminum officinale</i>	Do
23	Tecoma	<i>Tecoma grandiflora</i>	Do
24	Narri Bans	<i>Bambusa nana</i>	Hedge
25	Surkh Bunday	<i>Hamelia patens</i>	Do
26	Sawani	<i>Lagerstroemia indica</i>	Do
27	Chandani	<i>Tabernaemontana coronaria</i>	Do

Besides these plants there would be beds of seasonal plants.

**DISTRICT LEVEL WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
SARGODHA**



CHEMICAL & BACTERIOLOGICAL ANALYSIS REPORT OF WATER

Source & Depth: Hand Pump, 25 ft	Laboratory No. 575/01/c
Name: Raja Muhammad Afzal	Place: Chak No. 91 SB
Location: Murabba 1½	Tehsil & District: Sargodha
Chak No. 91 SB, Tehsil & District Sargodha.	Date of Analysis: 25-09-2017
Date of Collection: 25-09-2017	Date of receipt in Lab: 25-09-2017
	Collected By: Raja Muhammad Afzal

Sr.#	Parameters.	W.H.O. Max: Permissible Levels	Results
1.	Temperature	--	--
2.	pH	6.5 – 8.5	7.39
3.	Odour	Unobjectionable	OK
4.	Colour	≤ 15 TCU	OK
5.	Taste	Unobjectionable	OK
6.	Turbidity ppm Silica Units or N.T.U.	< 5 NTU	0.00 FNU
7.	Total Dissolved Solids mg/l	1000	614
8.	Calcium mg/l	75	32
9.	Magnesium mg/l	150	20
10.	Total Hardness mg/l as CaCo ₃	500	160
11.	Total Alkalinity mg/l as CaCo ₃	--	180
12.	Sulfate mg/l	250	--
13.	Chloride mg/l	250	58
14.	Iron mg/l	0.3	--
15.	Conductivity mg/l	--	877
16.	Arsenic ppb	50	--
17.	Fluoride mg/l	1.5	--
18.	Bacteriological analysis result	There should be no colony of coli form bacteria per 100/ml sample	no colony of coli form bacteria per 100/ml sample

REMARKS: - Sample is fit on basis of these chemical and bacteriological analyses.

Junior Research Officer
 Water Testing Laboratory PHED
 Sargodha

**DISTRICT LEVEL WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
SARGODHA**

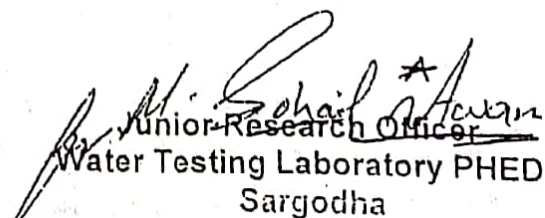


CHEMICAL & BACTERIOLOGICAL ANALYSIS REPORT OF WATER

Source & Depth: Hand Pump, 30 ft	Laboratory No. 576/01/c
Name: Raja Tahir	Place: Chak No. 91 SB
Location: Murabba 2	Tehsil & District: Sargodha
Chak No. 91 SB, Tehsil & District Sargodha.	Date of Analysis: 25-09-2017
	Date of receipt in Lab: 25-09-2017
Date of Collection: 25-09-2017	Collected By: Raja Tahir

Sr.#	Parameters.	W.H.O. Max: Permissible Levels	Results
1.	Temperature	--	--
2.	pH	6.5 – 8.5	7.50
3.	Odour	Unobjectionable	OK
4.	Colour	≤ 15 TCU	OK
5.	Taste	Unobjectionable	OK
6.	Turbidity ppm Silica Units or N.T.U.	< 5 NTU	0.00 FNU
7.	Total Dissolved Solids mg/l	1000	346
8.	Calcium mg/l	75	28
9.	Magnesium mg/l	150	15
10.	Total Hardness mg/l as CaCo3	500	130
11.	Total Alkalinity mg/l as CaCo3	--	200
12.	Sulfate mg/l	250	--
13.	Chloride mg/l	250	52.2
14.	Iron mg/l	0.3	--
15.	Conductivity mg/l	--	494
16.	Arsenic ppb	50	--
17.	Fluoride mg/l	1.5	--
18.	Bacteriological analysis result	There should be no colony of coli form bacteria per 100/ml sample	no colony of coli form bacteria per 100/ml sample

REMARKS: - Sample is fit on basis of these chemical and bacteriological analyses.


 M. Sohail Ahsan
 Junior Research Officer
 Water Testing Laboratory PHED
 Sargodha

**DISTRICT LEVEL WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT
SARGODHA**

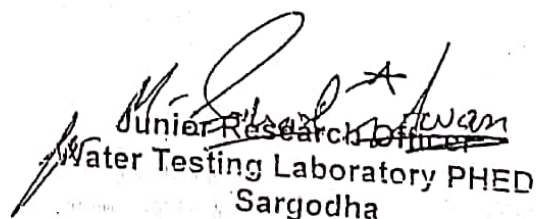


CHEMICAL & BACTERIOLOGICAL ANALYSIS REPORT OF WATER

Source & Depth: Hand Pump, 30 ft	Laboratory No. 577/01/c
Name: Raja Tahir	Place: Chak No. 91 SB
Location: Murabba 2½	Tehsil & District: Sargodha
Chak No. 91 SB, Tehsil & District Sargodha.	Date of Analysis: 25-09-2017
Date of Collection: 25-09-2017	Date of receipt in Lab: 25-09-2017
	Collected By: Raja Tahir

Sr #	Parameters.	W.H.O. Max: Permissible Levels	Results
1.	Temperature	--	--
2.	pH	6.5 – 8.5	7.82
3.	Odour	Unobjectionable	OK
4.	Colour	≤ 15 TCU	OK
5.	Taste	Unobjectionable	OK
6.	Turbidity ppm Silica Units or N.T.U.	< 5 NTU	0.00 FNU
7.	Total Dissolved Solids mg/l	1000	195
8.	Calcium mg/l	75	24
9.	Magnesium mg/l	150	12.5
10.	Total Hardness mg/l as CaCo ₃	500	110
11.	Total Alkalinity mg/l as CaCo ₃	--	240
12.	Sulfate mg/l	250	--
13.	Chloride mg/l	250	46.4
14.	Iron mg/l	0.3	--
15.	Conductivity mg/l	--	279
16.	Arsenic ppb	50	--
17.	Fluoride mg/l	1.5	--
18.	Bacteriological analysis result	There should be no colony of coli form bacteria per 100/ml sample	no colony of coli form bacteria per 100/ml sample

REMARKS: - Sample is fit on basis of these chemical and bacteriological analyses.


 Junior Research Officer
 Water Testing Laboratory PHED
 Sargodha

از دفتر سب ڈویژن کراچی

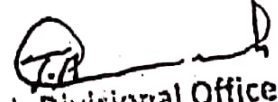
پیشہ سب ڈویژن 22
ورم 25/9/17

بھارت نائب چیف ڈائریکٹر اعلیٰ وائلڈ لائف گرو ویا رین سگودھا

منوال: پانی وارہ بندی

محکمہ تحقیقی سب ڈویژن 24/9/17 59/DDW/S.G/2017

بھارتی ریلوے ڈائریکشن کی جانب سے کہ دارہ بندی و پانی 29 میں اعلیٰ وائلڈ لائف 26 ریلوے
گود سب ڈویژن 8455/پیشہ سب ڈویژن 40-11 وقت پہنچتے ہیں 17/9/17 سے لیکر 25/9/17 تک
دارہ بندی میں پانی لے کر مقام 29/25 اور پانی دینے مقام 29/25 مقرر ہے


Sub Divisional Officer
Kirana Sub Division
Sargodha 25/9/17



Dated: 19-11-2020

نوٹیشن

ڈیپٹی ڈائریکٹر ڈائریکٹوریٹ سروسز

Honda CB125-F

Model: 2020

Color: Red. BLK

with Three year warranty
Three service card.

Price = 189500/-

189500



نوٹ ڈیپٹی ڈائریکٹر سروسز

AMIN HONDA

Fatima Jinnah Road, Sargodha

Ph: 048-3713577, 3713640 Cell: 0300-6003641



ANI TECHNOLOGIES

Quotation

Ref. # _____

Date 25/7/17

Deputy Director Wildlife Planning Lahore.

UPS 5KVA with batteries @Rs 100000
and accessories

Computer core i-7 intell @Rs 150000

Processor 4GB RAM 1TB HDD

With monitor/LCD Printer
and battery backup.

Fax machine @Rs 35000

Shop # 8, Mazznine Floor, Fazal Trade Centre, Gulberg, Lahore.
Ph: 35784909, 35872248 E-mail: anicomputer@hotmail.com

///



NNA & CO.

GOVERNMENT CONTRACTOR & GENERAL ODER SUPPLIERS

G.S.T. No. 03-11-4817-001-73

NTN No. 1033717-2

PST No. 1033717-2

Date: 25/7

Ref. No: _____

Quotation

Deputy Director Wildlife Planning Lahore.

Incubator with brooder
and humidity Pump and
accessories

@RS 120000

Generator 5KV Honda

@RS 180000

Mechanical lawn mover
(48-36")
Lawn mover manual

@RS 60000

@RS 15000

Kassis, sickles, Khurpas

@RS 350, 1200, 450, 450, 2000

Belcha Shurb cutter

Electric water cooler
50 gallon, stainless steel

@RS 50000

Dustbin with stand &
cover

@RS 12000

Desert cooler

@RS 15000

Metal detector

@RS 6000

Signature

Head Office: 36-Allama Iqbal Road, Lahore. Ph: 042-36308357 Mob: 333-4537408
Email: nna_co@hotmail.com

Syed & Co.

G.S.T: 03-10-8708-077-19

GOVERNMENT CONTRACTOR & GENERAL ORDER SUPPLIERS

Ref.: _____

Quotation for _____

Date: 25-7-17

M/s.: ~~County Director Wild Life Planning~~wall tuse gele
OFFline quality

@ 18000/-

hyeciguel

@ 3000/-

Tree Guard

@ 3500/-

Deep Freezer

@ 48000/-

Refrigerator

@ 46000/-

B/C 15 Ton

Gase

@ 60000

Inverter

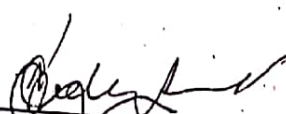
@ 82000

Hob

@ 57000

Inverter

@ 8000


 170/5, MADNI COLONY, MUGHAL PURA, LAHORE-PAKISTAN.



NNA & CO.

GOVERNMENT CONTRACTOR & GENERAL ODER SUPPLIERS

Ref. No: _____

G.S.T. No. 03-11-4817-001-73

NTN No. 1033717-2

PST No. 1033717-2

Date: 24-7-17.

Quotation

- 1- Animal rescue kit
 - i, strature
 - ii) - operation kit
 - iii) - First aid box
 - iv) - operation table
 - v) - Chemical & medicine
 } — 3500,000/-
- 2- Tranquilising gun with dot of different sizes and chemical injection — 4,50,000/-
- 3- Plastic feeder (Standard size) — 1500/Each
- 4- Plastic drinker (Standard size) — 1400/Each
- 5- Hydraulic pump w/c boring — 30,000/Each

Sales tax are not included
in the Price.

(Signature)

Head Office: 36-Allama Iqbal Road, Lahore. Ph: 042-36308357 Mob: 333-4537408
Email: nna_co@hotmail.com



Syed & Co.

G.S.T: 03-10-8708-077-19

GOVERNMENT CONTRACTOR & GENERAL ORDER SUPPLIERS

Ref.: _____

Date: 25-7-17

M/s.: _____

QUOTATION
(Pathology lab and Treatment Equipments)

Rate of all items S No. 1 to 36
(attached list) shall be

Rs - 25,00,000/-

Rate not includes the
G.S.T.

170/5, MADNI COLONY, MUGHAL PURA, LAHORE-PAKISTAN.

115

PATHOLOGY LAB AND TREATMENT EQUIPMENTS

Sr. No.	Items	Qty
1	Centrifuge machine	1
2	Distilled water still	5 Bottles
3	Water bath	2
4	Cabinet for 1000 slides	5
5	Autopsy table	1
6	Staining racks for staining in bulk	1 set
7	Balance, Chemical with weights	1
8	Microscope high power with oil immersion lens moveable stage and condensor for the routine microscope work.	1 set
9	Magnifying lens	2
10	Hot plat electric	1
11	Automatic timer	1
12	Balance for weighing organs	1
13	Saws, wire for cutting bones	1
14	Slide boxes for 100 slides	10
15	X-ray Machine with viewing box	2
16	Liver Biopsy needle	3
17	pH Meter electronic	1
18	Museum jars.	20
19	Surgical instruments.	1 set
20	Research Microscope with Digital Camera including grabber card attachment and computer for storage transfer and simultaneous imaging	1 set
21	Hot Air Oven	1
22	Kitchen Balance	1
23	Gas Stove with Cylinder	1
24	Slide Carrying tray	2
25	Blood cell counter	1
26	Electronic Digital Timer	1
27	Lumber Puncture Needles	1 set
28	Incubator	1
29	Urinometers	2
30	Centrifuge tubes graduated	1 set
31	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.	2 sets
32	Pipettes of various sizes, graduated sets	1 set
33	Reagent bottles.	1 set
34	Dropping bottles	1 set
35	Reagents	misc.
36	Cell Counter	1

DATE: 25.07.17

REF: _____

Quotation

To

Director Wildlife Lahore.

1. Directional board h = 20,000/E.
2. Information plate (stainless steel 2'x2' cable d) h = 10,000/E
3. Visitor shelter canopy h = 3,50,000/E
4. R.O plant h = 6,00,000/E.
5. C.C.T.V system with Day/Night vision cameras h = 13,50,000/Id.
6. public address system h = 7,50,000/Id.

Faisal

042)99213971



**No.1(1)(TECH)/AGRI/P&D/2017
Government of the Punjab
Planning & Development Department**

Dated Lahore, the 07th Nov, 2017

To

**The Chief (Agriculture),
Government of the Punjab
Planning & Development Department.**

Subject: **ESTABLISHMENT OF ZOO AT SARGODHA.**

Please refer to the subject noted above and to inform that the item-wise cost of civil/building component of rough cost estimate for the subject scheme has been technically vetted by the Technical Section of P&D Department at a capital cost of **Rs.290.500 Million.**

Moreover, cost clearance does not constitute any approval of rates, specifications and design. The correctness of rates, specifications and design shall rest with the authority competent to accord technical sanction.


**(MALIK MEHBOOB ELAHI KHAR)
ASSISTANT CHIEF (TECHNICAL)**

CC:

- i) Chief (Technical), P&D Department.
- ii) Assistant Chief (Coord.II), P&D Department.
- iii) PS to Member (ID), P&D Board.

*Pl. process the PC-1
return for issuance of
F.C. accordingly.*


08.11.2017

*P.O.
HDM.*

**ANNOTATED REPLY ON OBSERVATIONS OF DDSC MEETING HELD ON
12.10.2022**

Sr. No.	OBSERVATION	REPLY
1	Civil works be got vetted from Technical Section of Planning & Development Board before issuance of Finance Clearance of the scheme.	As it is an on-going scheme since 2017-18 and most of the civil works are already due for completion, therefore, vetting of estimates from the Technical Section of P&D Board is not required.
2	One-year enhancement in gestation period of the scheme be got approved from Secretary FWF Department through an order before issuance of Final Clearance.	One-year gestation period of the scheme has been enhanced by the Secretary FWF department vide order No. SOP(WL)1-1/2017(P-I) dated 20.10.2022 (Annex-25).
3	NOC be given by the department to indicate that work will not go beyond scope.	Deputy Director Wildlife Sargodha Region has submitted the requisite NOC (Annex-26).
4	Department will furnish certificate that all physical and financial targets will be completed within timelines.	Deputy Director Wildlife Sargodha Region has submitted the requisite certificate (Annex-26).
5	After getting expenditure corrected on SAP system, expenditure of previous years be made part of PC-1.	The Deputy Director Wildlife Sargodha has intimated that the issue is being taken up with the concerned authorities to rectify the discrepancy (Annex-26).
6	The provision of 3 rd Party Validation charges, and 1% tree plantation charges should be deleted.	Provision of 3 rd party validation charges has been deleted from the civil works estimates. While the Buildings Department has informed that the 1% tree plantation charges have already been paid (Annex-27).
7	Proponent will process PC-IV of the scheme 04 months before close of current Financial Year 2022-23 for conversion from development to non-development side after evaluation by office of DG M&E, P&D Board.	Noted for compliance.
8	No further extension in gestation period would be granted as this is the last revision.	Noted for compliance.

ANNOTATED REPLY ON OBSERVATIONS OF PSW SECTION, P&D BOARD

Sr. No.	OBSERVATION	REPLY
1	On title page of PC-I 1 st revised approved gestation period is mentioned as 48 months (from 2017 to 2022) which needs to be corrected.	On title page, the gestation period of 1 st revised PC-I scheme has been corrected as 60 months.
2	No reason / justification has been provided in PC-I for revision of the scheme.	Reasons / justification for revision is given at page No.21 & 22 of PC-I Scheme.
3	Comparative statement on the specified format showing the work done/work awarded and work yet to be done / yet to be awarded should be made part of PC-I.	Comparative statement on prescribed format is enclosed with the PC-I Scheme.
4	AD to provide the reason for inclusion of certain necessary components under Civil work at this belated stage as the scheme is fully funded in CFY (mentioned in WP).	Certain necessary new components i.e., Construction of Filtration Plant Room (132.25Sft), Construction of Water Supply Line for Filtration Plant, and Fencing for Parking Area are incorporated in the PC-I scheme as per site requirement.
5	AD to provide the list of items procured and yet to be procured in PC-I.	Detail of procured items has been given in Annexure-02 of PC-I Scheme.
6	Original AA should be made part of PC-I.	Copy of original Administrative Approval is attached with the PC-I scheme has Annexure-28 .

ANNOTATED REPLY ON OBSERVATIONS OF TECHNICAL SECTION P&D BOARD

Sr. No.	OBSERVATION	REPLY
1	Scheme was originally approved on 12.12.2017 at capital cost of Rs. 290.5m. T.S done at cost of Rs. 278.815m. Then scheme was revised at cost of Rs. 197.122m dated 03.05.2021. Now PC-1 has been forwarded again as 2nd revised which contains following additional / new provision along with price variation. Details are shared herewith for which justification for these new items is needed: a. Filtration plant room (Rs. 0.214m) b. Water supply to filtration plant room (Rs. 0.694m). c. Fencing for future parking area (Rs. 1.582m) d. WAPDA and SNGPL charges (Rs. 3.500m) Details of price variation: a. Approve price variation (Rs. 20.417m) b. Price variation for work yet to be done (Rs. 19.209m) c. Total price variation (Rs. 39.626m) The repeated addition reduction in scope is to be justified as it is a big question mark on project planning.	The annotated reply on the observations received from Executive Engineer, Provincial Buildings Division, Sargodha is enclosed as Annexure 27.
2	Physical and financial progress of scheme may be shared w.r.t. balance works and fund details (utilization and remaining funds). Further department shall ensure no further revision may be taken while catering / resolving all needs / issued at this stage (2nd Revision) as scheme seems near to closure.	
3	Following details regarding price variation are to be shared: a. Price variation paid through contingency. b. Price variation taken is either for extended time period or within project timeframe. If it is for extended period then EOTs may be shared as well. c. Back-up calculations vetted by Engineer in charge may be shared.	
4	1% plantation and 1% TPV charges are to be capped.	
5	In provided comparative statement, the total grand sum of work allotted is indicated as Rs. 290.5m, approved revised cost sum as Rs. 197.122m and work yet to be allotted as Rs. 26.718m, with grand sum of civil works cost as Rs. 223.843m. Correction is to be done (in work allotted sum)	



042-99210135

**GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT**

Dated: 20.10.2022



ORDER

No. SOP(WL)1-1/2017(P-I): In pursuance to the decision of the Provincial Development Working Party (PDWP) in its meeting held on 23.06.2021 issued vide Planning & Development Board's letter No.35(231)PO(COORD-II)P&D/2021 dated 09.07.2021, one year (01.07.2017 to 30.06.2023) extension in gestation period of the ongoing PC-I scheme titled "Establishment of Zoo at Sargodha, District Sargodha" of Punjab Wildlife & Parks Department is hereby granted with the condition that already approved cost and scope of work shall remain intact.

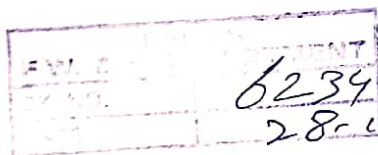
SECRETARY

F, W & F DEPARTMENT

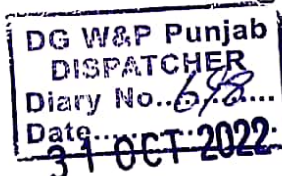
No. & Date Even

Copy is forwarded to:

1. The Chief (L&DD/FW&F), Government of the Punjab, Planning & Development Board, Lahore.
- ✓ 2. The Director General Wildlife & Parks, Punjab w.r.t letter No.631/DG.W&P/PL:2(65)/2022 dated 07.10.2022.
3. The Director Budget & Accounts (Forests), 24-Cooper Road, Lahore.



SECTION OFFICER (WILDLIFE)



PM&E UNIT
Diary No: 292
Date: 3-11-22

M&P
B.O. 11/11
Asstt
Steno.

PR

02-11-2022

No 963/DDW SGD/2022
 DEPUTY DIRECTOR WILDLIFE
 SARGODHA REGION, SARGODHA
 Email ddwsargodha18@gmail.com
 Dated : 24/12/2022

to

The Director General
 Wildlife & Parks Punjab
 Lahore

Subject: MINUTES OF 4th DEPARTMENTAL SUB-COMMITTEE (DDSC) MEETING 2022-23 HELD ON 12.10.2022

Reference: Endorsement no 2243-44/DG. W&P/PL:1(2)/2022 Dated 10.11.2022

It is stated that reply to the decisions of DDSC regarding ADP scheme entitled Establishment of zoo at Sargodha as desired vide above referred endorsement is as follows

- i. This observation relates to new project, however in case of ongoing project the same is not needed.
- ii. The worthy secretary, FW&F Department has already granted extension in gestation period vide letter No. SOP(WL)1-1/2017(P-I) Dated 20.10.2022.
- iii. It is confirmed that the work provided in the scheme during the current financial year will not go beyond the scope of the scheme.
- iv. It is certified that all physical and financial targets will be achieved within the timeline.
- v. The expenditure of previous years of the scheme will be got corrected on SAP system after the issuance of final clearance of the 2nd revised version of the scheme.
- vi. Provision of 3rd party validation charges is deleted however 1% tree plantation charges may be allowed to retain as the said amount has already been paid to the forest department.
- vii. Due to non-completion of physical and financial targets of the current FY 2022-23 the PC-IV of the scheme can not be prepared at this stage. It is however ensured that PC-IV will be submitted at the earliest immediately after completion of the scheme.
- viii. The observation of the DDSC has been noted for compliance.

Executive Engineer
 Building Division
 SARGODHA

DEPUTY DIRECTOR WILDLIFE
 SARGODHA REGION, SARGODHA

Reply sent to DDW,
 Sargodha vide no.
 3240, dt. 27.12.2022
 SC

PR
 27.12.2022



To,

TO BE SUBSTITUTED BEARING SAME NO. & DATE

**OFFICE OF THE
EXECUTIVE ENGINEER
BUILDINGS DIVISION SARGODHA**

No. 3298 Dated. 18-11-22

**The Deputy Director,
Wildlife Sargodha**

Subject: ESTABLISHMENT OF ZOO AT SARGODHA (GS# 4447 COST Rs. 297.453 (M))

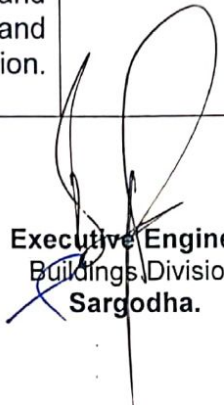
Reference Your Office letter No. 2429/DG.W&P/PL:2(65)/2022 dated 17-11-2022

The reply of observations pointed out by P&D board regarding revision of above mentioned scheme is as under:-

Sr. No.	Observation	Reply
COMMENTS OF PSW SECTION		
i	Comparative statement on the specified format showing the work done / work awarded and work yet to be done / yet to be awarded should be made part of PC-I. A.D. to provide the list of items procured and yet to be procured in PC-I	Comparative statement Attached as Annex-A
ii.	A.D to provide the list of items procured and yet to be procured in PC	Detail attached as Annex-B
COMMENTS OF TECHNICAL SECTION		
i	Details of Price variations.	Detail attached as Annex-C
a	Approved Price variation (Rs.20.417 M)	
b	Price Variation for work yet to be done (Rs.19.209 M)	
c	Total Price variation (Rs.39.626 M)	
	This repeated addition reduction in scope is to be justified as it is a big question mark on project planning.	As per site requirement
ii	Physical & financial progress of scheme may be shared w.r.t balance works and funds details (utilization & remaining funds) . Further Department shall ensure that no further revision may be taken while catering / resolving all needs / issues at this stage (2 nd revision) as scheme seems near to close.	Detail attached as Annex-D&E
iii	Following details regarding Price variation are to be shard	
a.	Price variation paid through contingency	Nil
b.	Price variation taken is either for extended time period or within project timeframe. If it is for extended period then EOTs may be shared as well	Detail attached as Annex-G

Annexure27 - Reply of Buildings Department

iv.	1% Plantation and 1% TPV charges are to be capped.	Detail of expenditure incurred under plantation is attached Annex-H
v.	In provided comparative statement, the total grand sum of work allotted is indicated as Rs.290.5 million, approved revised cost sum as Rs.197.122 million and work yet to be allotted as Rs.26.718 million, with grand sum of civil works cost as Rs .223.843 million. Correction is to be done (in work allotted sum)	Correction done


Executive Engineer
Buildings Division
Sargodha.



Office of the
CHIEF ENGINEER
Punjab Buildings Department
(North Zone) Lahore

No.CEBNZ/1543 ID, Dated 22/09/2022

To,

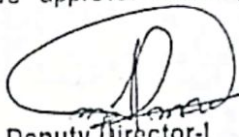
The Secretary
Government of the Punjab
Forestry, Wildlife & Fisheries
Department, Lahore

**SUBJECT: 2ND REVISED ROUGH COST ESTIMATE FOR THE WORK
"CONSTRUCTION OF ZOO AT SARGODHA"
A.D.P SCHEME NO.4447 FOR THE YEAR (2022-23)**

REFERENCE: Superintending Engineer, Building Circle Sargodha office letter
No.4816/Est. dated 30.08.2022 (received on 21.09.2022)

As approved by the competent authority, the 2nd revised rough cost estimate for the subject scheme received through above referred communication is sent hereby dully vetted for Rs.223.843 (M) for favour of consideration and arranging revised administrative approval under proper head of account.

DAI
Copy of
vetted estimate


Deputy Director-I
For Chief Engineer
Punjab Buildings Deptt. (N.Z),
Lahore

NO. & DATE EVEN

A Copy is forwarded for information & necessary action to the:-

1. Commissioner Sargodha, Division Sargodha
2. Superintending Engineer, Building Circle Sargodha with reference to his office letter referred as above.
3. Deputy Commissioner, Sargodha.
4. Executive Engineer, Building Division Sargodha.
5. Chief Draftsman (Local).

Scanned with CamScanner

2nd Revised Rough Cost Estimate for the Work - Establishment of Zoo at Sarcodha, ADP No. 4442 for the year 2022-23.

2nd Revised Rough Cost Estimate (continued)																													
S.N	DESCRIPTION	APPROVED REVISED ROUGH COST ESTIMATE					WORK ALLOTTED					WORK YET TO BE ALLOTTED					GRAND TOTAL		DIFFERENCE		REMARKS								
		P-AREA	RATE	UNIT	AMOUNT		P-AREA	UNIT	RATE	AMOUNT		P-AREA	UNIT	RATE	AMOUNT	P-AREA	AMOUNT	EXCESS	SAVING										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19											
A) MAIN BUILDING																													
1	Construction of Boundary wall 4760 Rm.	4760	3519.54	P Rft	16753	4760	P Rft	3519.54	16753					4760	16753														
2	Construction of Delay check posts 4 Nos	192	2385.42	P Sft	0.458	192	P Sft	2385.42	0.458					192	0.458														
3	Construction of Animal enclosures 5 Nos	5670	3988	P Rft	22612	5670	P Rft	3988	22612					5670	22612														
4	Construction of side / segregation enclosures 5 Nos	675	3256.3	P Rft	2198	675	P Rft	3256.30	2198					675	2198														
5	Construction of Awny 48305 Sft	48305	384.88	P Sft	18592	48305	P Sft	384.88	18592					48305	18592														
6	Construction of Beer Mast					14000	844.93	P Sft	11829																				
7	Construction of Lion Mast					13000	721	P Sft	16583																				
8	Construction of Tiger Mast					23100	721	P Sft	16583																				
9	Construction of Gaur Mast Enclosure 2031 Sft					2031	17398	P Sft	3574																				
10	Construction of Small Car section 4000 Sft					4000	1368	P Sft	5472																				
11	Construction of Monkey Ape section 4000 Sft	4000	1368	P Sft	5472	4000	P Sft	1368	5472					4000	5472														
12	Construction of Fungal enclosure 1641 Sft					8470	16259	P Sft	13771																				
13	Construction of Lion Mast 2704 Sft	2704	2315.08	P Sft	6.26	51202	26114	P Sft	11262					2704	6.26														
14	Construction of Veranda 2704 Sft including Breeding room	10052	486.27	P Sft	4888	10052	P Sft	486.27	4888					10052	4888														
15	Construction of main gate with podium																												
16	Construction of Tuff paved path 5 wide	35793	152.13	P Sft	5445	71585	P Sft	152.13	1089					35793	5445														
17	Construction of car parking	47680	190.73	P Sft	9094	47680	P Sft	190.73	9094					47680	9094														
18	Construction of Sanitation and sewage 36783 Sft					4271	36783	P Sft	15.71																				

SN	DESCRIPTION	APPROVED UNITISED BUDGET COST				WORK ALLOTTED				WORK YET TO BE ALLOTTED				GRAND TOTAL		DIFFERENCE		REMARKS
		PANEL	RATE	UNIT	AMOUNT	P. AREA	UNIT	RATE	AMOUNT	P. AREA	UNIT	RATE	AMOUNT	P. AREA	AMOUNT	EXCESS	SAVING	
1	10000 Gals	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2	10000 Gals	1	3477000	Each	3477	1	Each	3477000	3477					1	3477			
3	10000 Gals	10000	1683	P Gal	1683	10000	P Gal	16830	1683					10000	1683			
4	10000 Gals	1000	3261.67	P Slt	3914	1000	P Slt	3261.67	3914					1000	3914			
5	10000 Gals	10	72400	Each	0724	10	Each	72400	0724					10	0724			
6	10000 Gals	1000	2554.67	P Slt	3832	1000	P Slt	2554.67	3832					1000	3832			
7	10000 Gals				0288				0288						0288			
8	10000 Gals	1740	450.57	P Slt	0784	1740	P Slt	450.57	0784					1740	0784			
9	10000 Gals	870	1823	P Slt	1586	870	P Slt	1823.00	1586					870	1586			
10	10000 Gals	1676	2147.58	P Slt	36	1676	P Slt	2147.98	36					1676	36			
11	10000 Gals	8200	364.27	P Slt	3151	8200	P Slt	304.27	3151					8200	3151			
12	10000 Gals	3750	1251.73	P Slt	4694	3750	P Slt	1251.73	4694					3750	4694			
13	10000 Gals	10000	715	P Gal	0715	10000	P Gal	7150	0715					10000	0715			
14	10000 Gals	5900	125.25	P Slt	0739	5900	P Slt	125.25	0739					5900	0739			
15	10000 Gals	5000	957	P Slt	4785	5000	P Slt	957	4785					5000	4785			
16	10000 Gals	2600	2135.77	P Slt	5553	2600	P Slt	2135.77	5553					2600	5553			
17	10000 Gals	1193	2119	P Slt	2528	1193	P Slt	2119	2528					1193	2528			
18	10000 Gals	2102	2078.97	P Slt	437	2102	P Slt	2078.97	437					2102	437			

S/N	DESCRIPTION	APPROVED RAISED ROUGH COST ESTIMATE						WORK ALLOTTED						WORK YET TO BE ALLOTTED						GRAND TOTAL		DIFFERENCE		REMARKS
		P-AREA	RATE	UNIT	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	EXCESS	SAVING	
35	Construction of Residence (BPS 11-10) 550 sq ft 2 nos	1930	2254	P sq ft	5057	1930	P sq ft	2254	5057					1930	P sq ft	2254	5057							19
36	Construction of Accessory residence (BPS 11-14) 1 No 1360 sq ft	1360	2446.32	P sq ft	3327	1360	P sq ft	2446.32	3327					1360	P sq ft	2446.32	3327							
37	Construction of Accessory residence (BPS 16-17) 1 No 1650 sq ft	1650	2318.79	P sq ft	3826	1650	P sq ft	2318.79	3826					1650	P sq ft	2318.79	3826							
38	Construction of office of DOW 3150 sq ft	3150	2265.71	P sq ft	7137	3150	P sq ft	2265.71	7137					3150	P sq ft	2265.71	7137							
39	Development of land	4	1113875	Acres	4456	8	Acres	1113875	8911					4	Acres	1113875	4456							
40	Construction of 200 monument	625	851.2	P sq ft	0.532	625	P sq ft	851.20	0.532					625	P sq ft	851.20	0.532							
41	Construction of prayer area 600 sq ft	600	876.67	P sq ft	0.526	600	P sq ft	876.67	0.526					600	P sq ft	876.67	0.526							
42	Construction of Village model corners at main gate	8	62500	Each	0.5	8	Each	62500	0.5					8	Each	62500	0.5							
43	Extra cost of sulphate resistance cement				0.255				0.255								0.255							
44	Construction of filtration plant room					132.25	P sq ft	1620	0.214	132.3				0.214			0.214							
45	Water supply line for filtration plants to different facilities.								0.694					0.694			0.694							
46	Fencing for future parking area																							
	Sub Total				163,810				271,495					1582			1582				1582			
	Add Price Variation				20,417									19,209			19,209				19,209			
	Add 1% 3rd Party validation charges				1,842				2,715					0.217			2,060				0.217			
	Add 5% PFA Tax				9,211				13,575					1,085			10,297				1,085			
	Add 1% Tree Plantation charges				1,842				2,715					0.217			2,060				0.217			
	WAPDA and SINGPL connection charges.													3,500			3,500				3,500			

TECHNICAL/1/ET/20
For Rs. 223.843 (M)
Chief Engineer
Punjab Buildings Deptt.
North Zone, Lahore.
Chief Engineer
Punjab Buildings Deptt.
North Zone, Lahore.

Sub Engineer

Sub Divisional Engineer,
Buildings Sub Division,
Sargodha

Deputy Engineer,
Buildings Division,
Sargodha

Superintendent Engineer
Building Circle
Sargodha

SN	DESCRIPTION	AFFORTED ESTIMATED ROUGH COST				WORK ALLOTTED				WORK YET TO BE ALLOTTED				GRAND TOTAL		DIFFERENCE		REMARKS
		P-AREA	RATE	UNIT	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	P-AREA	UNIT	RATE	AMOUNT	P-AREA	AMOUNT	EXCESS	SAVING	
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	TOTAL				197.122				290.500				26.718		223.843	26.718		

DETAIL OF PRICE VARIATION

1. Approved Price variation	Rs. 20.417 (M)
2. New Price variation proposed in estimate	<u>Rs. 19.209 (M)</u>
Total	Rs. 39.626

6
Sub Divisional Officer
Buildings Sub Division
Sargodha.

Annex - ①

FINANCIAL PROFILE				
YEAR	ALLOC	RELEASE	UTILIZ	% AGE
2017-18	20.000	20.000	8.482	42%
2018-19	17.660	17.660	17.366	98%
2019-20	5.000	29.586	29.586	100%
2020-21	30.000	30.000	30.000	100%
2021-22	99.727	99.727	99.727	100%
2022-23	31.823	31.823	5.162	16%
Total		228.796	190.323	83%



DETAIL OF PHYSICAL PROGRESS

Sr. No.	SCOPE OF WORK	PHYSICAL PROGRESS
1	Boundary wall	completed
2	Duty Check post 04 No.	Finishing in progress
3	Animal enclosures wall 09 No.	completed
4	Office Complex	Finishing in progress
5	ADWNO residence (BPS 16-17) 1 No 1650 Sft	Finishing in progress
6	Supervisor residence (BPS-11-14) 1 No 1360 Sft.	Finishing in progress
7	Residence (BPS-1-10) 990 Sft 2 Nos.	Finishing in progress
8	Office of DDW 3150 Sft.	Flooring in progress
9	Parking	Tuff Paver in progress
10	Pheasantry 870 Sft.	Finishing in progress
11	Feed preparation chamber.	Finishing in progress
12	Tuck shop	Finishing in progress
13	Public toilets 2 sets 750 sft each	SI in progress
14	Food court 2102 Sft.	Finishing in progress
15	Bird aviary	Fixing of poles completed
16	Main gate and ticketing both	Flooring in progress
17	Monkey ape section	Finishing in progress
18	Vet clinic	Finishing in progress


 Sub Divisional Officer
 Buildings Sub Division
 Sargodha.

Annex 6



OFFICE OF THE
CHIEF ENGINEER
Punjab Buildings Department North Zone
(HRS) Near New Campus University of Punjab, Lahore

Telephone No. 042-3270110 Fax No. 042-3270111 Email: ce.lahore@gmail.com

To

The Superintending Engineer,
Buildings Circle,
Sargodha.

No. 1537 Dated: 22-09/2022.

SUBJECT: EXTENSION IN TIME LIMIT FOR THE WORK
"ESTABLISHMENT OF ZOO AT SARGODHA, DISTRICT
SARGODHA"

Ref: Your office letter No.1469/G dated 27.08.2022 on the subject.

As recommended by you vide your memo under reference,
extension in time limit w.e.f. 01.07.2022 to 31.12.2022 in favour of
M/s Muhammad Mumtaz Haq Nawaz, Govt. Contractor for the work cited as
subject is hereby granted.

SUPERINTENDENT (WORKS)
for Chief Engineer,
Punjab Buildings Department,
North Zone, Lahore

C:C:

Copy is forwarded for information and necessary action to the Executive
Engineer, Buildings Division, Sargodha.

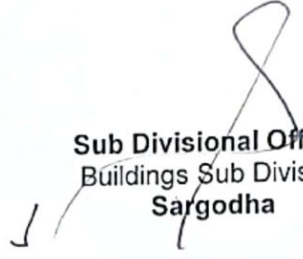
CS CamScanner

Scanned with CamScanner

DETAIL OF PLANTATION CHARGES

Plantation charges paid to District Forest Officer Sargodha

2.00 (M)


Sub Divisional Officer
Buildings Sub Division
Sargodha

135

**GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT LAHORE**

Dated Lahore, the 12/12/2017

ORDER

No.B&A/Bud/B-III-935/645

In exercise of Powers vested upon him under Rule 08 Delegation of Financial Powers Rules, 2016 (Part-I) Powers Common to All Department amended upto 1ST July 2016 and decision taken in the DDSC meeting held on 14.09.2017 the Governor of the Punjab is pleased to accord Administrative Approval of the PC-I Scheme titled "Establishment of Zoo at Sargodha" at a total cost of Rs.356.180 million for a period of 36 months w.e.f 01.07.2017 to 30.06.2020 as detail given below:-

ADP No.	DDO Code	Function Code	Project Code	Name of Scheme	Total Cost	Total Exp. upto June 2017	Object Code	Budget Allocation (Rs)	Proposed releases during 2017-2018 to 2019-2020 (36 months)		
									Capital (Rs)	Revenue (Rs)	Total (Rs)
9879	SO4322	LE4217	LO17007418	"ESTABLISHMENT OF ZOO AT SARGODHA"	Rs.356.180 million	NIL		2017-18			
							A01101	180,000	-	180,000	180,000
							A01151	109,000	-	109,000	109,000
							A01202	43,000	-	43,000	43,000
							A01203	52,000	-	52,000	52,000
							A01217	36,000	-	36,000	36,000
							A0120D	6,000	-	6,000	6,000
							A0122M	30,000	-	30,000	30,000
							A0122Y	30,000	-	30,000	30,000
							A01270-037	88,000	-	88,000	88,000
							A03202	20,000	-	20,000	20,000
							A03304	18,000	-	18,000	18,000
							A03807	100,000	-	100,000	100,000
							A03901	83,000	-	83,000	83,000
							A03902	50,000	-	50,000	50,000
							A03907	80,000	-	80,000	80,000
							A03970	100,000	-	100,000	100,000
							A09501	3,525,000	-	3,525,000	3,525,000
							A09601	150,000	-	150,000	150,000
							A09701	300,000	-	300,000	300,000
							A12403	20,000,000	20,000,000	-	20,000,000
							Total	25,000,000	20,000,000	5000,000	25,000,000
								2018-19			
							A01101	363,000	-	363,000	363,000
							A01151	317,000	-	317,000	317,000
							A01202	103,000	-	103,000	103,000
							A01203	125,000	-	125,000	125,000
							A01217	90,000	-	90,000	90,000
							A0120D	11,000	-	11,000	11,000
							A0122M	69,000	-	69,000	69,000
							A0122Y	69,000	-	69,000	69,000
							A01270-037	205,000	-	205,000	205,000

Swish Singh
Line: P.P. 4. reference
or Release today.
12.12.2017
P.O.
DM.

37

ADP No.	DDO Code	Function Code	Project Code	Name of Scheme	Total Cost	Total Exp. upto June 2017	Object Code	Budget Allocation (Rs)	Proposed releases during 2017-2018 to 2019-2020 (36 months)		
									Capital (Rs)	Revenue (Rs)	Total (Rs)
							A03202	40,000	-	40,000	40,000
							A03303	100,000	-	100,000	100,000
							A03304	20,000	-	20,000	20,000
							A03807	200,000	-	200,000	200,000
							A03901	104,000	-	104,000	104,000
							A03902	100,000	-	100,000	100,000
							A03907	100,000	-	100,000	100,000
							A03970	200,000	-	200,000	200,000
							A09601	3,570,000	-	3570,000	3,570,000
							A13101	100,000	-	100,000	100,000
							A12403	139,347,000	139,347,000	-	139,347,000
							Total	145,233,000	139,347,000	5888,000	145,233,000
							2019-20				
							A01101	885,000	-	885,000	885,000
							A01151	5,466,000	-	5466,000	5,466,000
							A01202	906,000	-	906,000	906,000
							A01203	1,195,000	-	1195,000	1,195,000
							A01217	896,000	-	896,000	896,000
							A0120D	104,000	-	104,000	104,000
							A0122M	627,000	-	627,000	627,000
							A0122Y	627,000	-	627,000	627,000
							A01270-037	1,881,000	-	1881,000	1,881,000
							A03202	100,000	-	100,000	100,000
							A03303	500,000	-	500,000	500,000
							A03304	32,000	-	32,000	32,000
							A03807	200,000	-	200,000	200,000
							A03901	100,000	-	100,000	100,000
							A03902	150,000	-	150,000	150,000
							A03906	300,000	-	300,000	300,000
							A03907	120,000	-	120,000	120,000
							A03942	2,500,000	-	2500,000	2,500,000
							A03950	200,000	-	200,000	200,000
							A03970	200,000	-	200,000	200,000
							A09501	125,000	-	125,000	125,000
							A09601	25,080,000	-	2,5080,000	25,080,000
							A09701	400,000	-	400,000	400,000
							A09801	12,000,000	-	12000,000	12,000,000
							A13101	200,000	-	200,000	200,000
							A12403	131,153,000	131,153,000	-	131,153,000
							Total	185,947,000	131,153,000	54,794,000	185,947,000
							G.Total	356,180,000	290,500,000	65,680,000	356,180,000

The above scheme is approved further subject to the following condition:-

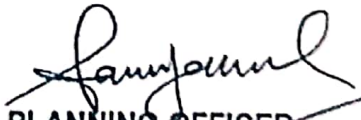
1. The Capital expenditure will be debitable under Grant No.PC-12042-04-Economic Affairs-045-Construction and Transport-0457-Construction (Works)-045702-Building and Structure of Rs.290,500,000/- during the year 2017-18 to 2019-20.
2. The Revenue expenditure will be debitable to the Grant No.PC-22036-Development of Rs.65,680,000/- during the year 2017-18 to 2019-20.
3. The scheme will be executed by the Punjab Communication & Works Department and Punjab Wildlife & Parks Department.
4. Expenditure on establishment charges should be charged after staff component clearance by the Finance Department.
5. The executing agencies will observe legal and codal formalities.

**SECRETARY
GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT**

No. & Date Even

A copy for information & necessary action is forwarded to the:-

1. Accountant General, Punjab, Lahore.
2. Director General, Accounts (Works) Punjab, Lahore
3. Senior Chief (Agri), Government of the Punjab, P&D Department.
4. Section Officer (L&DD/F&W), Government of the Punjab, Finance Department.
5. Chief Engineer (South), Punjab Building Department, Lahore
6. Superintending Engineer, Provincial Buildings Circle, Sargodha.
7. Executive Engineer, Provincial Buildings, Sargodha.
8. Budget Officer-IV, Government of the Punjab, Finance Department.
9. Section officer (Wildlife), Government of the Punjab, FW&F Department.
10. Director General, Wildlife & Parks Punjab, Lahore
11. Deputy Director Wildlife, Sargodha.


PLANNING OFFICER
O/O DIRECTOR, B&A (FORESTS) 12/12

Vetted Rough Cost Estimates

(Page-01 to page-297)