

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Additional Financing - Sindh Secondary Education Improvement Project (SSEIP)



ROAD SHOW ON INTEGRATED LIGHT GAUGE STEEL FRAMING (LGSF) STRUCTURE

*SINDH REHABILITATION PROJECT UNDER FLOOD RESTORATION PROGRAM
(EMERGENCY ADB - ASSISTED) Loan no. 4409 – PAK (COL)
Dated: 27-July-2024*

SEQUENCE

- Scope of the Project – Additional Financing
- Visual Survey
- 722 fully damaged schools
- Classrooms, allied facilities & their sizes
- Timelines for
 - Hiring of Contractors
 - Selection of Consulting Firms
 - Construction of Schools

SCOPE OF THE PROJECT

- **Flood-damaged schools reconstructed with disaster and climate resilient and gender responsive designs.**
 - Originally, the project was designed to reconstruct 1,607 flood-damaged schools in 17 most affected tehsils* with disaster and gender-responsive designs for recovery of serious learning loss of girls and boys in the province.
 - Reconstruction of 482 fully damaged
 - Rehabilitation of 1125
 - Upgradation of 62 primary schools out of fully damaged schools
 - Priority to girls and mixed schools
 - Climate resilient technology
 - EPC
- **Only fully damaged schools will be taken up in this project**

**(i) Bhirya, (ii) Dadu, (iii) Faiz Ganj, (iv) Kambar, (v) Kandiaro, (vi) Khairpur Mirs, (vii) Kingri, (viii) Kot Diji, (ix) Larkana, (x) Mehar, (xi) Mehrabpur, (xii) Moro, (xiii) Naseerabad, (xiv) Naushero Feroze, (xv) Sobhodero, (xvi) K N Shah, and (xvii) Mirwah,*



VISUAL SURVEY

GLIMPSES FROM VISUAL SURVEY














PROJECT SCHOOLS AS PER PC-1

	No of Districts	Symbol
	5	
Taluka	15	
Total schools	1489	

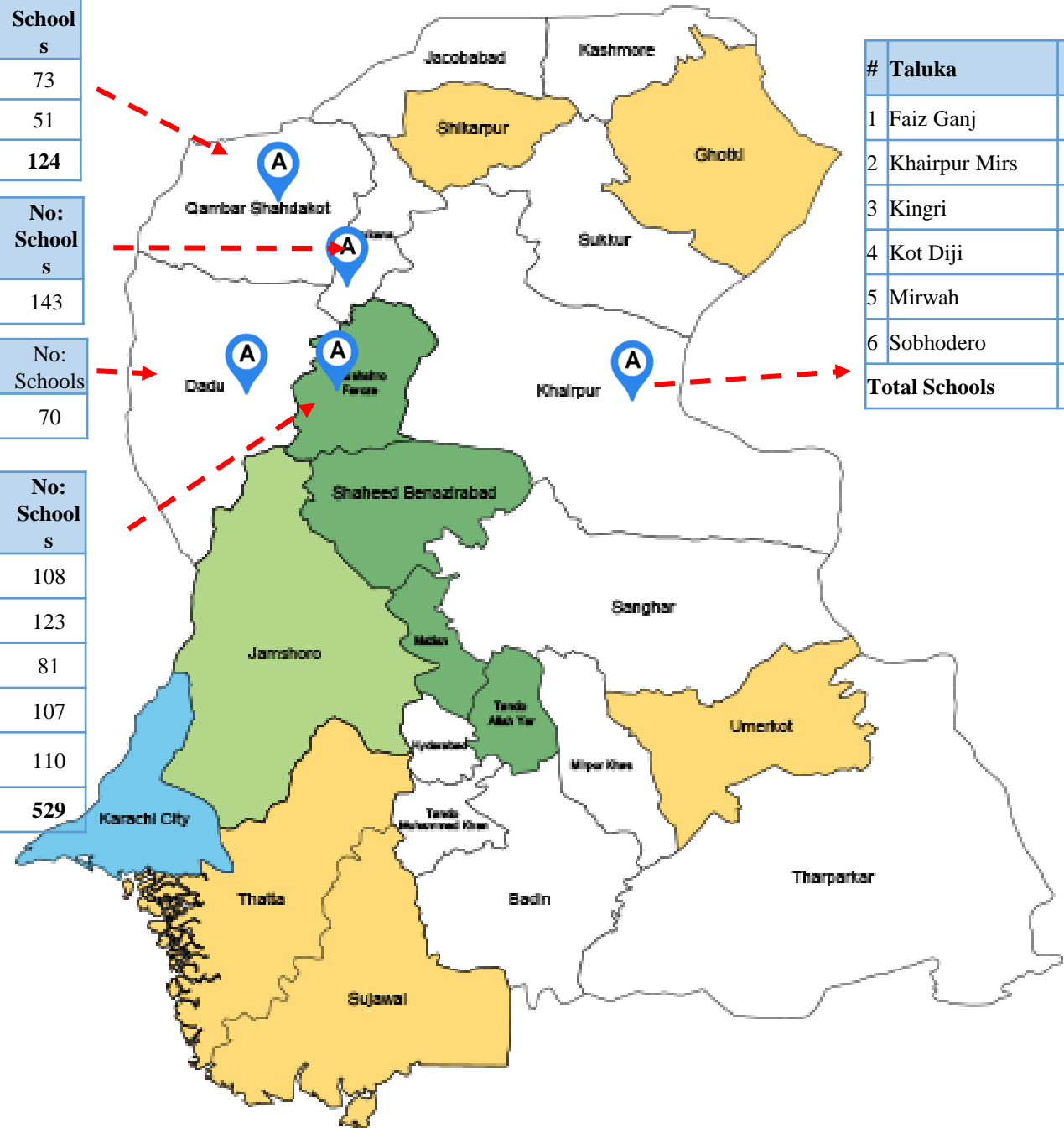
#	Taluka	No : School s
1	Kambar	73
2	Naseerabad	51
Total		124

#	Taluka	No: School s
1	Larkana	143


#	Taluka	No: Schools
1	Dadu	70

#	Taluka	No: School s
1	Bhirya	108
2	Kandiaro	123
3	Mehrabpur	81
4	Moro	107
5	Naushero Feroze	110
Total		529

#	Taluka	No: Schools
1	Faiz Ganj	85
2	Khairpur Mirs	114
3	Kingri	116
4	Kot Diji	114
5	Mirwah	109
6	Sobhodoro	85
Total Schools		623



FULLY DAMAGED SCHOOLS

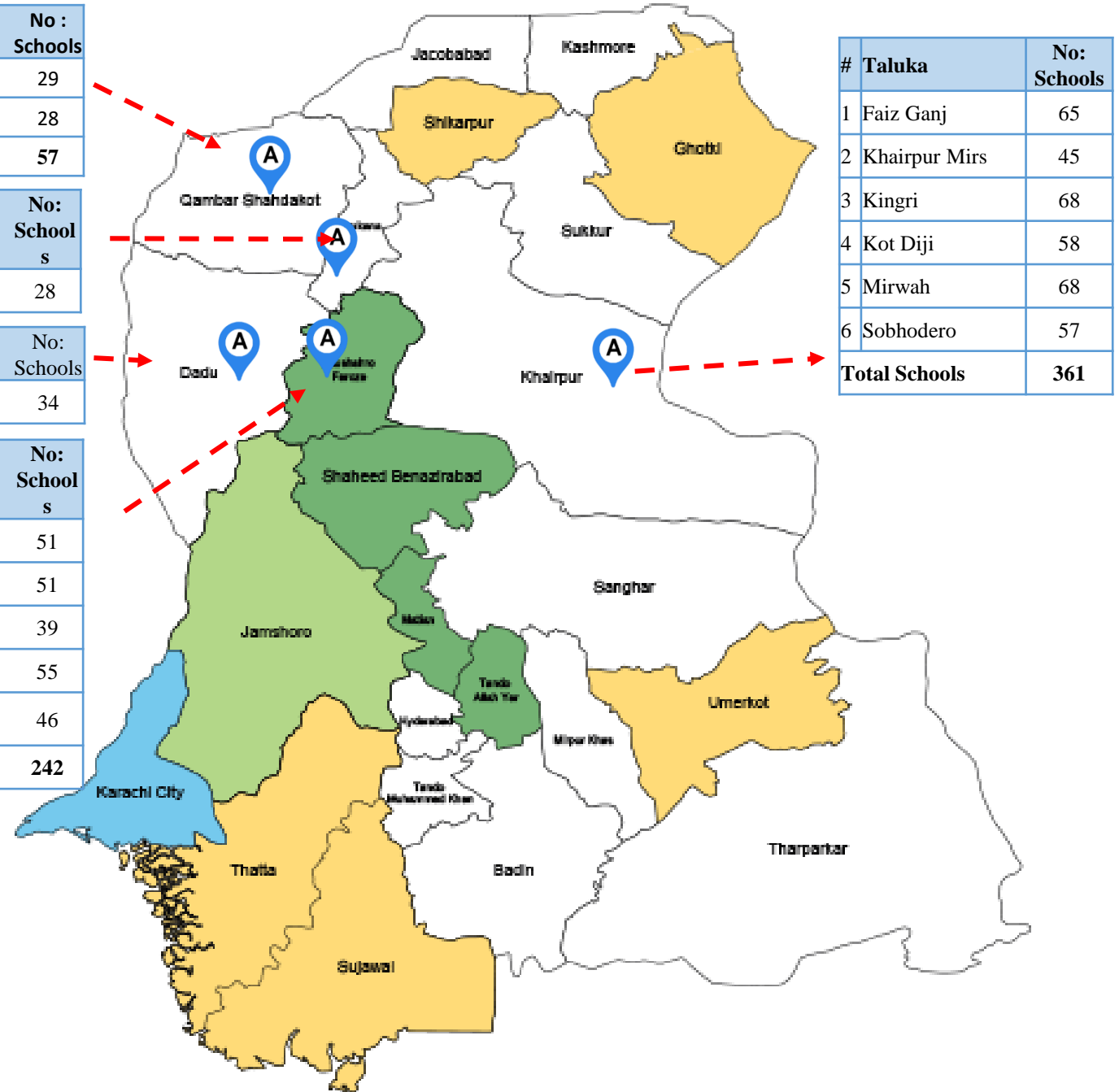
Project	No of Districts	Symbol
ADB	5	
Taluka	15	
Total schools	722	

#	Taluka	No : Schools
1	Kambar	29
2	Naseerabad	28
Total		57

#	Taluka	No: Schools
1	Larkana	28

#	Taluka	No: Schools
1	Dadu	34

#	Taluka	No: Schools
1	Bhiryra	51
2	Kandiaro	51
3	Mehrabpur	39
4	Moro	55
5	Naushero Feroze	46
Total		242



#	Taluka	No: Schools
1	Faiz Ganj	65
2	Khairpur Mirs	45
3	Kingri	68
4	Kot Diji	58
5	Mirwah	68
6	Sobhoderro	57
Total Schools		361

SCHOOL LEVELS

Primary School: Pre-primary/ECE to class V from the age of about four to nine

Middle School: Class VI to VIII

Elementary School: Pre-primary/ECE to class VIII

Secondary: The level of school from class *katchi* / ECE to class 10, or class 6 to class 10.

Higher Secondary: Class XI and XII (Also offered by Colleges)

This project scope: Primary to Secondary

SURVEY - FD & PD SCHOOLS DEFINED

- **Survey conducted by:**

- PIU Team
- Engineers / Surveyors
- DEO / TEO SE&LD

- **Tools:**

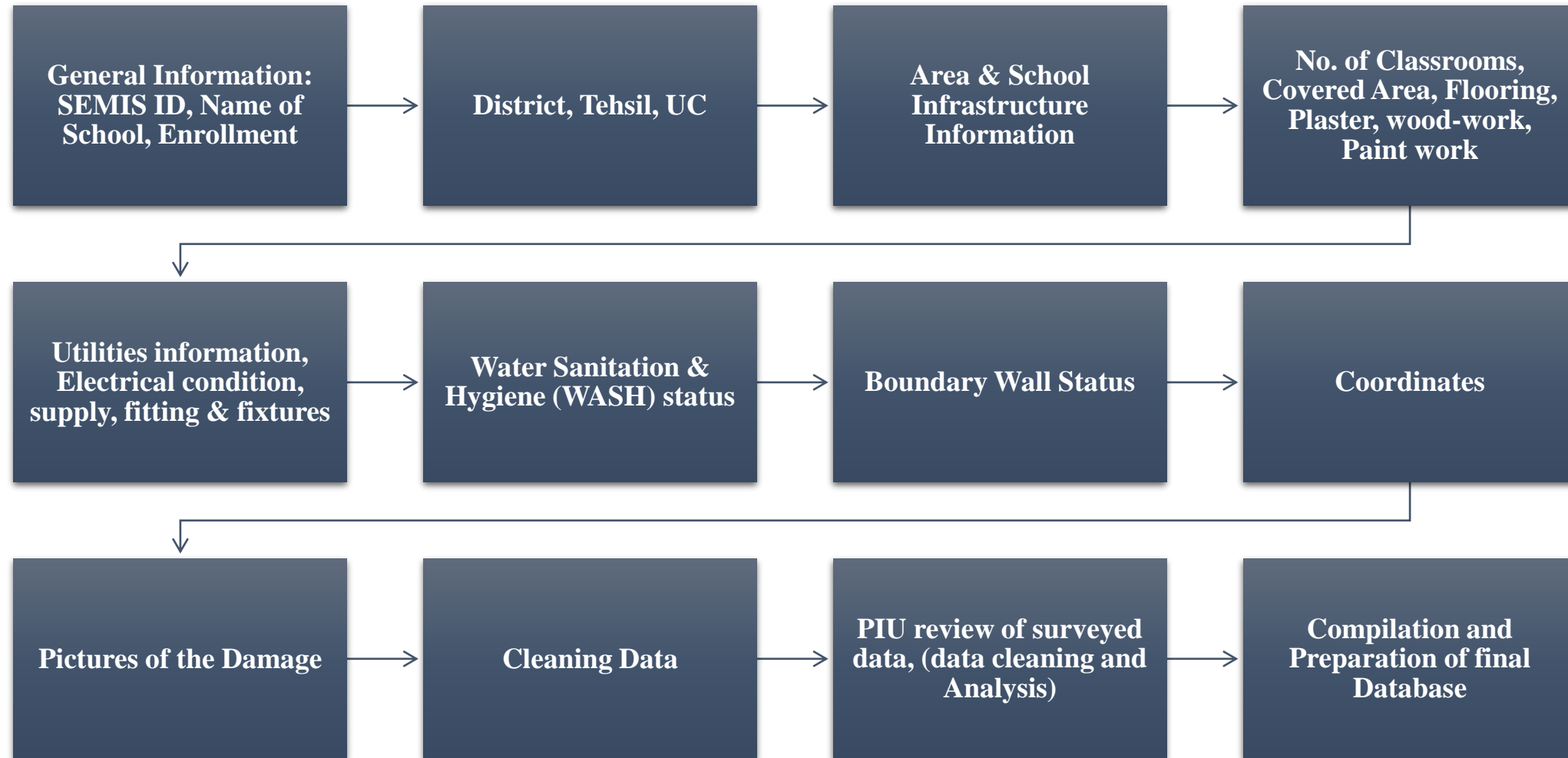
- Development of Survey Form
- Development of Digital app (KOBO Collect) for pictures and GPS coordinates

- **Damage Categories:**

- a) Fully damaged (40% - 60%)
- b) Partially damaged (<40%)
- c) Minor/No damage
- d) Fully damaged with upgradation potential (>60% + space for expansion)

VISUAL SURVEY – METHODOLOGY

App (KOBO Collect)



VISUAL SURVEY FORM

ADB-Emergency Assisted -Survey Form

School Form

New Entry
Re-Visit

* Date of Visit

2024-04-02

Basic Information

* District

Khairpur
☒ Naushero Feroze
Dadu
Larkana
Kambar-Shahdadkot

Tehsil

Bharya
Naushero Feroze
Mehrabpur
Moro
☒ Kandiaro

* Semis code

416020478

* School Name

GBHS KUDRO UJIAN

GPS Coordinates

Latitude (x,y °)

26.9742755

Longitude (x,y °)

68.1425538

Altitude (m)

7.1

Accuracy (m)

4.6

Enrollment

Area available in the existing building for upgradation primary to secondary school

☐ Yes

☒ No

Area (Sqft)

34000

Boys Enrollment

338

Girls Enrollment

86

Main Building

Plinth Area (Sqft)

7851

Type Structure

☒ Load Bearing

☐ Frame Structure

Roof Screening

☐ No Damage

☐ Minor Damage (More than 20%)

☐ Major Damage (More than 40%)

☒ Complete Damage (More than 60%)

Roof Slab

☐ No Damage

☐ Minor Damage (More than 20%)

☐ Major Damage (More than 40%)

☒ Complete Damage (More than 60%)

Below Ceiling Plaster

☐ No Damage

☐ Minor Damage (More than 20%)

☐ Major Damage (More than 40%)

☒ Complete Damage (More than 60%)

Internal & External Wall Plaster

☐ No Damage

☐ Minor Damage (More than 20%)

☐ Major Damage (More than 40%)

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Below Ceiling Plaster

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Internal & External Wall Plaster

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Floors

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Wood Works

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Color work / Paint work (Internal / External)

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* DPC / Plinth Beam, Foundation Masonry

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
☒ Complete Damage (More than 60%)

* Overall condition of existing school structure remarks (if any)

A Block is Good condition and B block is very dangerous condition

* Under Ground Tank

☒ No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
Complete Damage (More than 60%)

* Internal & External Pipeline, Fixtures fittings

No Damage
Minor Damage (More than 20%)
Major Damage (More than 40%)
Complete Damage (More than 60%)

Overall condition of water supply & External Development Remarks (if any)

50%

Site Pictures at least 10

Picture -

See from Camera / Upload from Picture Gallery

1712048827935.jpg



* Picture Detail

Main gate

Picture -

See from Camera / Upload from Picture Gallery

1712048850456.jpg



Picture -

See from Camera / Upload from Picture Gallery

1712049209056.jpg



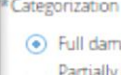
* Picture Detail

Building roof

Picture -

See from Camera / Upload from Picture Gallery

1712049027991.jpg



* Picture Detail

Roof

Picture -

See from Camera / Upload from Picture Gallery

1712049440536.jpg



* Picture Detail

Compound wall

Picture -

See from Camera / Upload from Picture Gallery

1712049440536.jpg

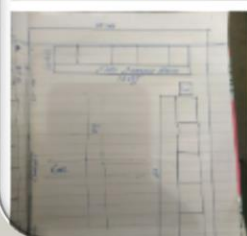


* Picture Detail

Compound wall

Draw the Site Plan (In Block) - Use the camera to take a photo

1712049440536.jpg



PICTORIAL VIEW OF DAMAGE STATUS

Fully Damaged

([Picture View](#))

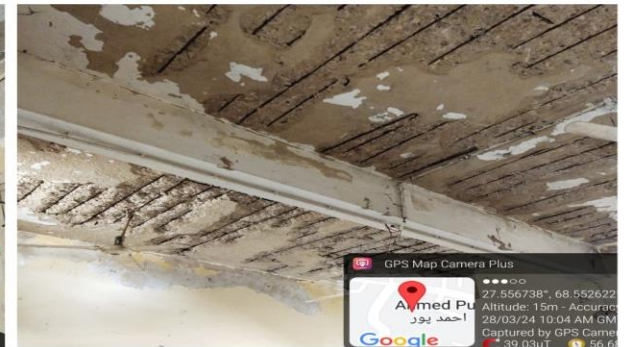
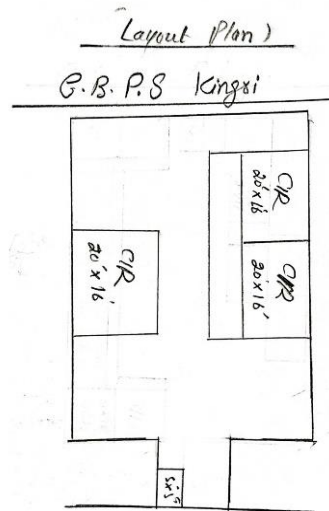
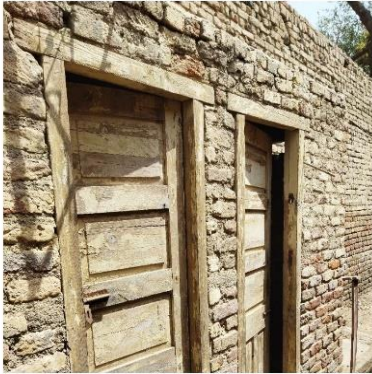
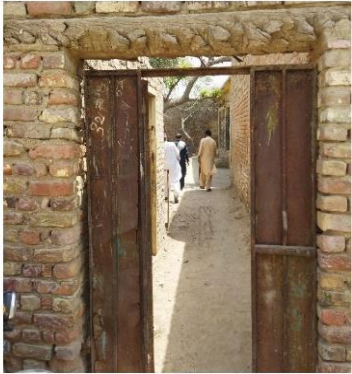
Multiple Block Fully Damaged

([Picture View](#))

Partially Damaged

([Picture View](#))

<< Fully Damaged



<< Multiple Block Damaged



<< Partially Damaged



VISUAL SURVEY – DATA PROCESSING

- Development of SOP
- Data Cleaning
 - Error correction
- Revisit of Schools
 - Consolidation on App
 - Missing data gathering
- Validation by PIU's Review Committee (PRC)
- Identification and removal of duplications (276 schools)
 - RSU (17 schools)
 - ADP (DEEP)
 - World Bank (SELECT)
 - World Bank (ASPIRE)
 - JICA (07)
 - USAiD (05)
 - GoS (247)
 - M&E (2 merged schools, SEMIS code)
- Development of Reporting Dashboard on Power Bi



722 FULLY DAMAGED SCHOOLS

TALUKA WISE SUMMARY – 722 FULLY DAMAGED - FD SCHOOLS

Distirct & Taluka	PC-1	FD - Visual Survey
Naushero Feroze	529	242
Bharya	108	51
Kandiaro	123	51
Mehrabpur	81	39
Moro	107	55
Naushero Feroze	110	46
Khairpur	623	361
Faiz Ganj	85	65
Khairpur Mirs	114	45
Kingri	116	68
Kot Diji	114	58
Mirwah	109	68
Sobhoderro	85	57
Larkana	143	28
Larkana	143	28
Kambar-Shahdadkot	124	57
Kambar	73	29
Naseerabad	51	28
Dadu	70	34
Dadu	70	34
Grand Total	1489	722

SUMMARY OF INTERVENTION - 722 FD SCHOOLS

1. Intervention of Reconstruction: 194

- Primary 89
- Elementary 27
- Secondary 78

2. Intervention of Upgradation and Reconstruction: 528

A. Construction of Elementary Schools: 422

- Primary 408
- Middle 14

B. Construction of Secondary Schools: 106

- Primary 77
- Middle 10
- Elementary 19

DISTRICT , TALUKA WISE SUMMARY OF INTERVENTION - 722 FD SCHOOLS

#	District	Taluka	Intervention of Reconstruction			Intervention of Upgradation and Reconstruction				
			Primary	Elementary	Secondary	Primary To Elementary	Middle To Elementary	Primary to Secondary	Middle to Secondary	Elementary to Secondary
1	Dadu	Dadu	6	0	5	22	0	1	0	0
2	Kambar-Shahdadkot	Kambar	3	0	7	15	0	1	2	1
3	Kambar-Shahdadkot	Naseerabad	1	0	1	23	1	2	0	0
4	Khairpur	Faiz Ganj	2	3	7	35	0	16	0	2
5	Khairpur	Khairpur Mirs	8	1	8	24	0	3	0	1
6	Khairpur	Kingri	14	6	11	34	1	1	0	1
7	Khairpur	Kot Diji	9	1	4	36	1	3	1	3
8	Khairpur	Mirwah	5	6	9	25	2	16	1	4
9	Khairpur	Sobhodero	6	2	6	34	2	4	0	3
10	Larkana	Larkana	5	1	2	16	1	3	0	0
11	Naushero Feroze	Bhirya	5	1	3	36	0	4	0	2
12	Naushero Feroze	Kandiaro	13	1	2	25	3	6	1	0
13	Naushero Feroze	Mehrabpur	3	0	3	25	1	4	2	1
14	Naushero Feroze	Moro	3	0	9	32	1	7	2	1
15	Naushero Feroze	Naushero Feroze	6	5	1	26	1	6	1	0
Total			89	27	78	408	14	77	10	19
			194			422		106		

DASHBOARD SHOWING FULLY DAMAGED SCHOOLS

Visual Survey | Dashboard: Included Schools

1000

302500

Area Range SFT

Home

Include

District

- ☒ Select all
- ☒ Dadu
- ☒ Kambar-Shahdadkot
- ☒ Khairpur
- ☒ Larkana
- ☒ Naushero Feroze

Taluka

- ☐ Bhirya
- ☐ Dadu
- ☐ Faiz Ganj
- ☐ Kambar
- ☐ Kandiaro
- ☐ Khairpur Mirs
- ☐ Kingri
- ☐ Kot Diji
- ☐ Larkana
- ☐ Mehrabpur
- ☐ Mirwah
- ☐ Moro



722

Total

96

Boys

13%

67

Girls

9%

559

Mixed

77%

School: by Level



Primary

78

Secondary

46

Elementary

24

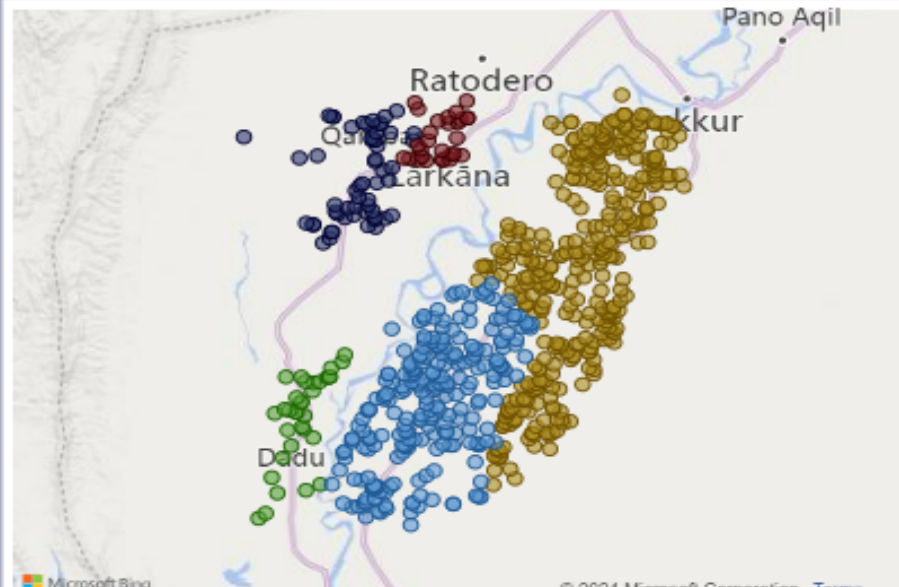
Middle

106 (14.68%)

194 (26.87%)

422 (58.45%)

● Upgrade Ele & Construction ● Only Construction ● Upgrade Sec & Construction



District	SEMIS Code	School Name
Naushero Feroze	416040589	GBELS - CHOUDARY JALA
Naushero Feroze	416020472	GBELS - KAURO KHUSHIK
Naushero Feroze	416040583	GBELS - MUHAMMAD HAYAT DAKHAN
Naushero Feroze	416040588	GBELS - NOOR PUR
Naushero Feroze	416040591	GBELS - SADIQUE ABAD
Naushero Feroze	416050100	GBELS - SOBHO KHAN KHASKHALI
Naushero Feroze	416040312	GBELS - ZAHOOOR AHMED KHUNDO
Naushero Feroze	416010411	GBHS - DALI
Naushero Feroze	416050303	GBHS - DEHAT
Naushero Feroze	416010418	GBHS - GHULAM MUHAMMAD PANWHAR
Naushero Feroze	416040604	GBHS - JUMO WASSAN

SHOWING 194 – RECONSTRUCTION ON SAME STATUS

Visual Survey | Dashboard: Included Schools

1000

302500

Area Range SFT

Home

Include

District

☒ Select all

☒ Dadu

☒ Kambar-Shahdadt

☒ Khairpur

☒ Larkana

☒ Naushero Feroze



194

Total

33

Boys



17%

22

Girls



11%

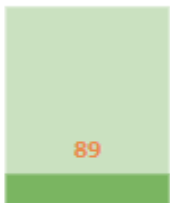
139

Mixed



72%

School: by Level



Primary

78

Secondary

27

Elementary

Middle

106 (14.68%)

194 (26.87%)

422 (58.45%)

● Upgrade Ele & Construction ● Only Construction ● Upgrade Sec & Construction

Taluka

☐ Bhirya

☐ Dadu

☐ Faiz Ganj

☐ Kambar

☐ Kandiaro

☐ Khairpur Mirs

☐ Kingri

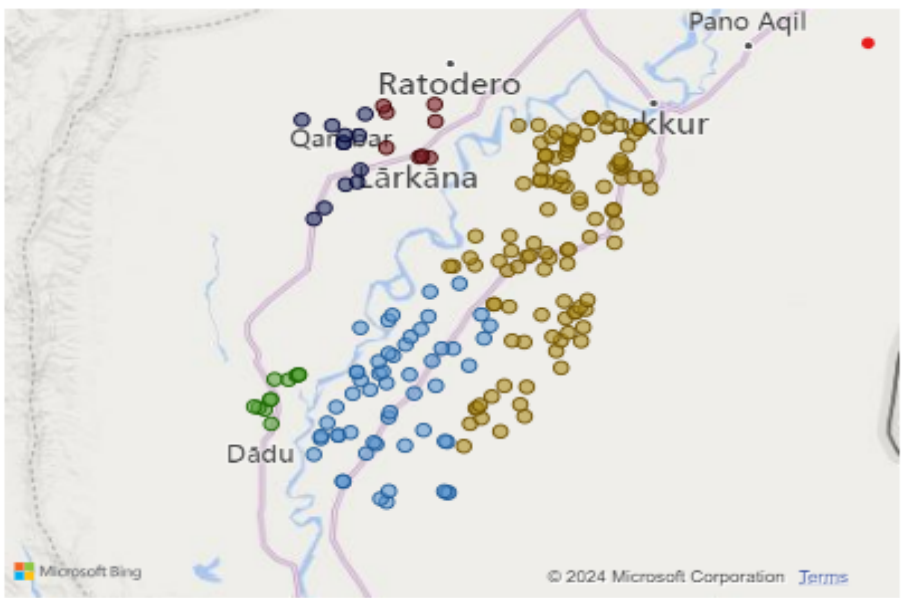
☐ Kot Diji

☐ Larkana

☐ Mehrabpur

☐ Mirwah

☐ Moro



District	SEMIS Code	School Name
Naushero Feroze	416040589	GBELS - CHOUDARY JALA
Naushero Feroze	416020472	GBELS - KAURO KHUSHIK
Naushero Feroze	416040583	GBELS - MUHAMMAD HAYAT DAKHAN
Naushero Feroze	416040588	GBELS - NOOR PUR
Naushero Feroze	416040591	GBELS - SADIQUE ABAD
Naushero Feroze	416040312	GBELS - ZAHOR AHMED KHUNDO
Naushero Feroze	416010411	GBHS - DALI
Naushero Feroze	416050303	GBHS - DEHAT
Naushero Feroze	416010418	GBHS - GHULAM MUHAMMAD PANWHAR
Naushero Feroze	416040604	GBHS - JUMO WASSAN
Naushero Feroze	416020478	GBHS - KAURO UJJAN
Naushero Feroze	416030641	GBHS - OLD JATOI

SHOWING 422 – UPGRADATION TO ELEMENTARY

Visual Survey | Dashboard: Included Schools

1000

302500

Area Range SFT

Home

Include

District

- ☒ Select all
- ☒ Dadu
- ☒ Kambar-Shahdadkot
- ☒ Khairpur
- ☒ Larkana
- ☒ Naushero Feroze



422

Total

52

Boys

12%

33

Girls

8%

337

Mixed

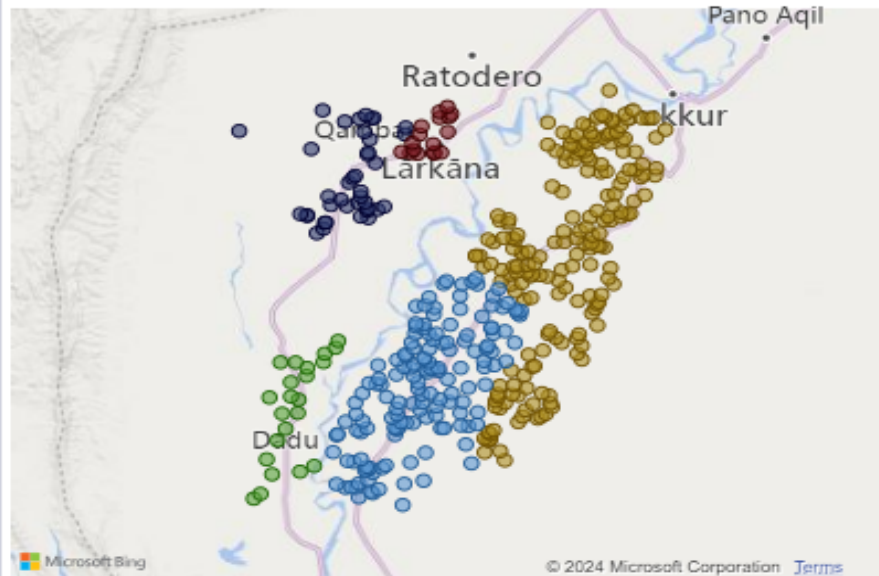
80%

School: by Level



Taluka

- ☐ Bhirya
- ☐ Dadu
- ☐ Faiz Ganj
- ☐ Kambar
- ☐ Kandiaro
- ☐ Khairpur Mirs
- ☐ Kingri
- ☐ Kot Diji
- ☐ Larkana
- ☐ Mehrabpur
- ☐ Mirwah
- ☐ Moro



106 (14.68%)

194 (26.87%)

422 (58.45%)

● Upgrade Ele & Construction ● Only Construction ● Upgrade Sec & Construction

Intervention *

District	SEMIS Code	School Name
Naushero Feroze	416020463	GBLSS - ALLAH BUX
Naushero Feroze	416020474	GBLSS - MORIO WAHAN
Naushero Feroze	416020452	GBLSS - SHER MUHAMMAD KALHORO
Naushero Feroze	416040107	GBPS - ABDUL HAKIM KHOKHAR
Naushero Feroze	416010253	GBPS - ABDUL RAZAQUE SHER
Naushero Feroze	416030082	GBPS - AHMEDANI LAGHARI
Naushero Feroze	416050101	GBPS - ALAWILDIN MARI
Naushero Feroze	416030345	GBPS - ALLAH BUX CHANDIO
Naushero Feroze	416010263	GBPS - ALLAH BUX MARI
Naushero Feroze	416040323	GBPS - ALLAH BUX MARI
Naushero Feroze	416010168	GBPS - ALLAH WARAYO DAHRI
Naushero Feroze	416020061	GBPS - AMIR BUX SOI ANGI

106 - UPGRADATION AND RECONSTRUCTION OF SECONDARY

Visual Survey | Dashboard: Included Schools

1000

302500

Area Range SFT

Home

Include

District

- ☒ Select all
- ☒ Dadu
- ☒ Kambar-Shahdadkot
- ☒ Khairpur
- ☒ Larkana
- ☒ Naushero Feroze

Taluka

- ☐ Bhirya
- ☐ Dadu
- ☐ Faiz Ganj
- ☐ Kambar
- ☐ Kandiaro
- ☐ Khairpur Mirs
- ☐ Kingri
- ☐ Kot Diji
- ☐ Larkana
- ☐ Mehrabpur
- ☐ Mirwah
- ☐ Moro
- ☐ Naushero Feroze



106

Total

11

Boys



10%

12

Girls



11%

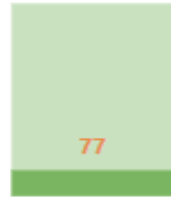
83

Mixed

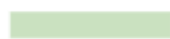


78%

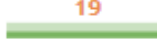
School: by Level



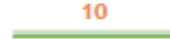
Primary



Secondary



Elementary



Middle

106 (14.68%)

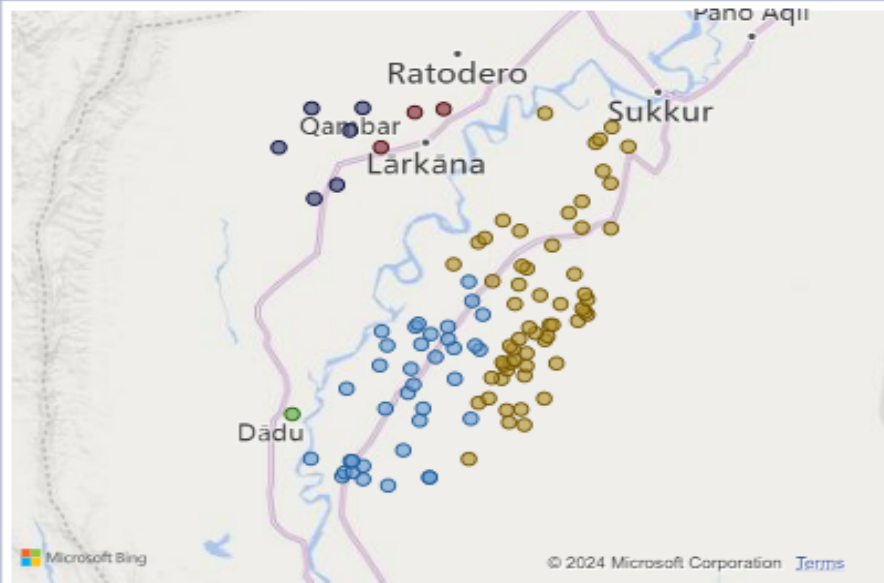
194 (26.87%)

422 (58.45%)

● Upgrade Ele & Construction ● Only Construction ● Upgrade Sec & Construction

Intervention

District	SEMIS Code	School Name
Naushero Feroze	416050100	GBELS - SOBHO KHAN KHASKHALI
Naushero Feroze	416030594	GBLSS - ABDUL HAMEED PANJABI
Naushero Feroze	416020468	GBLSS - BUDAK
Naushero Feroze	416040550	GBLSS - MASUR JI WAI
Naushero Feroze	416030615	GBLSS - MUHAMMAD RAHIM CHAND
Naushero Feroze	416050310	GBLSS - NASIR KHAN MARI
Naushero Feroze	416030527	GBPS - ABDUL KABIR PHULL
Naushero Feroze	416050082	GBPS - ABDUL RAHMAN BROHI
Naushero Feroze	416030238	GBPS - ALI MUHAMMAD ABRO
Naushero Feroze	416040218	GBPS - ATTAL BOHIO
Naushero Feroze	416010288	GBPS - BAHANO KHAN TIWINO
Naushero Feroze	416040240	GBPS - BHURAND



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UPGRADATION OF SCHOOLS

SELECTION OF SCHOOLS FOR UPGRADATION

-- KEY CONSIDERATIONS --

Geographical Consideration

Preference to UCs with primary & post-primary disparity

Requirement on account of population density

Land Availability

Availability of School plot

Selection of UCs

Multiple schools within a UC avoided.

If multiple schools selected in a UC, then preference of distance b/w 1 & 3 Km

Gender

Order of preference : Girls Schools then mixed and then Boys

Enrollment

At least 100

No. of classrooms aligned with enrollment & annual population growth

UPGRADATION POLICY 2021

1. (a) Up-gradation from Primary to Elementary School (Outside Municipal limits/ Rural Area):

- i. (a) Enrolment in class V of school to be upgraded should be minimum of 20 for boys; total enrolment in class V in the catchment area schools should be at least 30.
(b) Enrolment in Class V of school to be up-graded should be minimum 15 for girls and total catchment area enrolment should be 25.
Exception-1: If any school is having 15 enrolment (Boys) in class V and at least 60 enrolment in catchment area schools may be considered for up-gradation.
Exception-2: If any school is having 12 enrolment (Girls) in class V and at least 40 enrolment in catchment area may be considered for up-gradation. Preference will be given to high enrolment schools.
- ii. The boys/mixed school to be up-graded to elementary level should not be within a distance of three (03) kilometers from another post primary boys' school.
- iii. The girls' school to be up-graded to elementary level should not be within a distance of two (02) kilometers from another post primary girls' school.
- iv. In case of schools to be upgraded to elementary level in Kaachho, Katcho and coastal belt and desert area, the catchment may extend up to seven (07) kilometers radius.) In some exceptional cases, where the school is not even available/located within the radius of seven (07) Kilometers, then the school meeting other criteria will be considered for up-gradation with the prior approval of Chief Minister Sindh irrespective of the distance but within the above mentioned areas.
- v. The selected school should, preferably be located at the most convenient place accessible to all villages and should be at an average distance of more 3 kilometers from the feeder schools in the catchment area. Land requirement for elementary school is 5000 sq. feet.
- vi. Elementary School would ideally consist of nine (09) class rooms (ECE to VIII), 01 Head Master office, 01 computer lab, 01 multipurpose hall (Total: 12).

2. For up-gradation from Elementary/Middle School to High School:

- i. Enrolment in class VIII of selected school 40 boys or 30 girls, and that in catchment area should be 80 students.
- ii. Based on catchment population, enrolment of class-V of schools in catchment area and availability of land, elementary, middle or primary schools to be identified for up-gradation to high school level, an incremental approach to be adopted to construct high school with elementary section to be built in first phase, and high school to be constructed in second phase enabling students to complete their education of matriculation.
- iii. Land requirement for high school should be at least 22000 Sq. Ft.
- iv. The school to be upgraded would ideally consist upon minimum of 11 classrooms, 01 computer lab, 01 library, 01 Head Master's office, 02 science labs and 01 multipurpose hall (at least 17 Rooms).
- v. The school to be up-graded to high school level should be at distance of more than 5 kilometer radius from another boy's post primary school and more than 3 kilometer radius from another girls' post primary school.
- vi. In case of town /city area where high school is at full capacity to accommodate enrolment; first preference will be constructing extra class rooms in existing high school; in case of scarcity of construction space; another school within same locality will be upgraded to high school.

(b) Up-gradation from Primary to Elementary School in urban areas (Municipal /Town/ Union Committees):

- i. In urban areas the enrolment in class V, for boys' school to be upgraded to Elementary should be at least 50 and for girls it should be at least 30.



- ii. Land requirement for elementary school is at least 5000 sq. feet. If there is insufficient area and the existing building has the feasible/ sustainable foundation, then multi story construction may be considered irrespective of the area/land required.

AREA VIZ-A-VIZ POLICY

Level of School	No. of Classrooms required as per Policy	Required Area as Per Policy	Minimum required construction covered area of Facility
Secondary	11	22000 SFT	13324 SFT
Elementary	9	5000 SFT	7027 SFT
Primary	6	(No standard area notified)	5211 SFT

Justification:

Number of classrooms with allied facilities can be constructed in given plot areas lesser than the notified ones, where vertical development required

ADDRESSING PRIMARY & POST-PRIMARY DISPARITY IN UPGRADATION

- Focus on Union Councils with significant gaps in primary & post-primary education.
- Identification of UCs with more primary schools
- Summing up the enrollments of all UCs Schools
- Determining the population density through Google Earth

<< District :Naushero Feroze Taluka Mehrabpur

UC: Nao Abad

- Total Schools in UC: 23
- Primary 22
- Elementary / Middle : 0
- Secondary : 0
- UC: Enrollment in schools : 2611
- In the PC-I List total schools of UC: 7
- Proposed for upgradation from Primary to Secondary: 2 schools
- Distance of both selected schools from existing Higher Secondary school: 2 km & other 5 km.
- Distance between both selected schools : 4 km

<< GIS VIEW: UC: Nao Abad, Taluka Mehrabpur



CONSIDERATION OF POPULATION DENSITY



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Imagery Data



CLASS ROOMS & ALLIED FACILITIES

SECONDARY SCHOOL REQUIREMENTS

MINIMUM RECOMMENDED SIZES OF ACCOMODATION

#	Accommodation Description	Number	Length	Breadth	Total Cover area in sft
1	Classroom (for minimum of 35 students)	10	24	20	4,800
2	Early Childhood Education Room	1	12	16	192
3	Katchi	1	12	16	192
4	Science Lab	2	30	20	1,200
5	Library	1	30	20	600
6	Computer Lab	1	30	20	600
7	HM Office	1	20	16	320
8	Attached bath with HM office	1	5	5	25
9	Store	1	8	5	40
10	Staff Room (Male and Female)	2	14	14	392
11	Attached bath with staff room	2	5	5	50
12	Veranda 7' wide in front of Rooms				2,500
13	Multipurpose Hall	1	24	16	384
14	Auditorium with minimum 80 -100 seats	1	40	30	1,200
15	Canteen	1	15	11	165
16	Guard Room	1	6	8	48
17	Girls Common Room	1	14	14	196
18	Dispensary	1	8	8	64
19	Admin Room	1	14	14	196
20	Lavatory Block with 3' wide passage and hand washing stations (Male and Female). 1 lavatory for Person with Disablities - PWD	8	5	4	160
A	Total				13,324
B	External Development				1,500
C	Solar Panel 10 KVA				
D	RO Plant				

ELEMENTARY SCHOOL REQUIREMENTS

#	Accommodation Description	Number	Width	Length	Total Covered area in sft
1	Classroom (for minimum of 35 students)	8	20	18	2880
2	Early Childhood Education Room/ Katchi	1	20	18	360
3	Multipurpose Hall	1	24	16	384
4	Computer Lab	1	24	16	384
5	HM Office	1	20	18	360
6	Attached bath with HM office	1	5	5	25
7	Staff Room (Male and Female)	2	20	18	720
8	Attached bath with staff room	2	5	5	50
9	Store	1	8	8	64
10	Veranda 7' wide in front of Rooms				1800
11	Canteen	1	16	8	128
12	Guard Room	1	8	8	64
13	Girls Common Room	1	20	18	360
14	Dispensary	1	8	8	64
15	Lavatory Block with 3' wide passage and hand washing stations (Male and Female). 1 lavatory for Person with Disablities - PWD	6	5	4	120
A	Total				7027
B	External Development				1200
C	RO Plant				
D	Solar Panel 06 KVA				

PRIMARY SCHOOL REQUIREMENTS

#	Accommodation Description	Number	Width	Length	Total Covered area in sft
1	Classroom (for minimum of 35 students)	5	20	18	1800
2	Early Childhood Education Room	1	20	18	360
3	Katchi	1	20	18	360
4	Veranda 7' wide in front of Rooms				1200
5	HM Office	1	20	18	360
6	Attached bath with HM office	1	5	5	25
7	Staff Room (Male and Female)	2	20	18	720
8	Attached bath with staff room	2	5	5	50
9	Canteen	1	16	8	128
10	Guard Room	1	8	8	64
11	Dispensary	1	8	8	64
12	Lavatory Block with 3' wide passage and hand washing stations (Male and Female). 1 lavatory for Person with Disablities - PWD	4	5	4	80
A	Total				5211
B	External Development				1000
C	RO Plant				
D	Solar Panel 05 KVA				

TOTAL SQUARE FEET OF CONSTRUCTION

	PRIMARY	ELEMENTARY	SECONDARY
Total covered area / school in sft	$5211 * 89 = 463,779$	$7027 * 449 = 3,155,123$	$13324 * 184 = 2,451,616$
External Development	$1000 * 89 = 89,000$	$1200 * 449 = 538,800$	$1500 * 184 = 276,000$
Total Covered area for construction of school	6,052,118		
Total Covered area for external development	903,800		



TIMELINES

HIRING OF CONTRACTORS

Activities	Timelines
• Publication of Invitation for Bids - IFB in Newspapers	First week of September 2024
• Deadline for submission of Bids	First week of October 2024
• Submission of Performance Security and Signing of Contracts	Last week of November 2024
• Payment of Mobilization Advance	Up to 10-Dec-2024

SELECTION OF CONSULTING SERVICES

Activities	Timelines
• Publication of REOI in Newspapers	First week of August 2024
• Deadline for submission of EOIs / Receiving of EOIs	First week of September 2024
• Issuance of Request for Proposal (RFP)	Mid of October 2024
• Deadline for submission of Proposals (Technical and Financial) / Receiving of Proposals	Last week of November 2024
• Contract Negotiations with Top Ranked Firm	Last week of January 2025
• Contract Signing and Issuance of Notice to Proceed	By end of January 2025
• Mobilization of Consultants	First week of February 2025

CONSTRUCTION TIMELINE

Activities	Timelines
<ul style="list-style-type: none"> • Handing over and Taking over of Sites 	Within first week of signing the Contract Agreement
<ul style="list-style-type: none"> • Makeshift arrangements for existing enrolled children 	By the end of third week of signing the Contract Agreement
<ul style="list-style-type: none"> • Site activities and finalization of detailed design <ul style="list-style-type: none"> - Topo graphic survey - Geo-technical investigation - Environmental studies (IEE - Lot wise) - Social safeguard Report - Community Consultation - HSE management planning and report - Detailed site-specific Design - And subsequent construction activities 	Between the end of second and third month of signing the Contract Agreement
<ul style="list-style-type: none"> • Construction activities 	Completion of construction activities by the end of 9 th month of signing the contract



THANK YOU

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