



NO.PMU-CIDA/NIT/2017
PROJECT MANAGEMENT UNIT
CAPACITY BUILDING OF TEACHER TRAINING INSTITUTIONS
& TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH
GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT

Karachi dated: 01st March 2017

To,

The Director (Advertisement),
Information Department,
Government of Sindh,
Karachi

SUBJECT: PUBLICATION OF NOTICE INVITING TENDERS

I am directed to enclose herewith 07 (seven) copies of Notice Inviting tenders regarding procurement of Repair, Renovation & Rehabilitation of Teacher Training Institutions (TTIs) in Sindh, for publication in three leading newspapers i.e. English, Urdu & Sindhi respectively.

(Syed Masoom Ali Shah)
Manager Admin & Accounts

C.C.

1. The Secretary, Information Department, Government of Sindh.
2. The Manager Assessment – II, Sindh Public Procurement Regulatory Authority, Sindh Karachi, copy of notification of procurement committee, Annual Procurement Plan 2015-2016, Notification of Complaint Redressal Committee and soft & hard copy of bidding documents & BOQ enclosed for hosting.
3. The P.S. to Secretary, Education & Literacy Department.
4. The PS to Project Director, SETTP - CIDA.
5. Office File.



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& TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH
GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT

Karachi dated: 1st March 2017

NOTICE INVITING TENDERS

Sealed tenders are invited as per SPPRA Rules 2010 (Amended 2013) from the interested contractors/ companies/ firms/ JV Firms on Standard Bidding Documents (SBD) for procurement of the following works:

<i>S.#</i>	<i>Name of work</i>	<i>Estimated Cost (in million)</i>	<i>Earnest Money 5% (in million)</i>	<i>Tender Fee</i>	<i>Completion period</i>
	<u>Renovation and Rehabilitation of Govt. Elementary Colleges</u>				
1.	Government In- Service Teacher Training Centre Latifabad Hyderabad	6	0.3	3000	02 months
2	Divisional Educational Technology Resource Center Sanghar	5	0.25	3000	02 months
3	Divisional Educational Technology Resource Center Badin	6.5	0.325	3000	02 months
4	Government Elementary College of Education BADIN (Hostel Block)	8.5	0.425	3000	02 months
5	Divisional Educational Technology Resource Center Dadu	5.6	0.28	3000	02 months
6	Government College of Education F.B. Area <i>Korambw</i>	8	0.4	3000	02 months

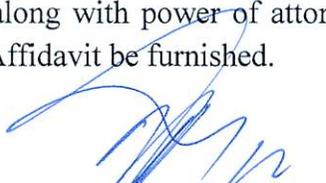
PROGRAMME FOR ISSUE/ RECEIPT AND OPENING OF TENDERS

<i>S.#</i>	<i>Particulars</i>	<i>1st Attempt</i>	<i>In case of un-responded works 2nd Attempt</i>
1.	Date of issue	03-03-2017	23-03-2017
2.	Date of opening	22-03-2017	12-04-2017

TERMS & CONDITIONS OF THE TENDERS

1. A complete set of bidding documents may be purchased (in shape of pay order) with effect from 03-03-2017 upto 21-03-2017 (1st Attempt) & from 23-03-2017 upto 11-04-2017 (in case of un-responded/ 2nd attempt) by interested bidders on submission of written application to the undersigned.
2. No conditional tenders will be entertained.
3. Sealed bids accompanied with the earnest money as mentioned against each, in shape of Pay Order must be submitted in the office of undersigned on or before 22-03-2017 upto 3:30 p.m. (1st Attempt) & on 12-04-2017 upto 3.30 p.m. (in case of un-responded/ 2nd attempt)

4. Bids will be opened by the Procurement Committee of “Capacity Building of Teachers Training Institutions & training of Elementary School Teachers in Sindh – CIDA” in the presence of bidders’/ representatives of bidders on 22-03-2017 4:00 p.m.(1st Attempt) & 12-04-2017 at 4.00 p.m. (in case of un-responded/ 2nd attempt) in the **committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.**
5. The competent authority reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules, 2010. (Amended 2013)
6. In case of holiday the tenders/bids would submit and open on the next working day and time.
7. Eligibility condition of intending participants are as under:
 - a. Registration with Pakistan Engineering Council in Category C-6 or above having valid license with civil and allied electrical codes.
 - b. Registration with Sindh Revenue Board.
 - c. Bio Data of Engineers and Technical staff working with the firm (for engineers their PEC certificate must be attached).
 - d. Documentary evidence of similar works executed and certificate of satisfactory completion of works by the employees. Particularly same nature of works.
 - e. List of work in progress indicating cost of each work and copy and letter of award of work.
 - f. List of Machinery and equipments available with documentary evidence of its ownership or hired with rental agreement
 - g. Documentary evidence of financial position, bank statement OR audit report of last 03 years.
8. Registration with Income Tax Department (NTN Certificates) and copy of CNIC.
9. Undertaking on Affidavit that firm is not involved in any litigation or abandoned any work in the department.
10. Affidavit to the effect that the firm contractor have not been black listed previously by any executing agency.
11. Affidavit to the effect that all documents/ particulars/ information furnished, are true & correct.
12. In case of firm/JV Firms, list of partners/ partnership deed/ JV deed, giving full particulars Proprietors or others connected along with power of attorney. In case of being sole Proprietors, such undertaking on Affidavit be furnished.



PROJECT DIRECTOR

**Capacity Building of Teacher Training Institutions &
Training of Elementary School Teachers in Sindh – CIDA
Education & Literacy Department, Govt. of Sindh, Karachi**



NOTIFICATION

No.SO(G-I) E&L/CIDA/ 14 : In supersession of this Department's Notification of even number dated 20th April 2015 & pursuance of Rule-07 of the Sindh Public Procurement Rules, 2010 (Amended 2013) a Procurement Committee comprising of following Officers for procurement of Civil Work under " Capacity Building of Teachers Training Institutions & Training of Elementary School Teachers In Sindh" –CIDA, Education & Literacy Department is constituted as under:-

- | | | |
|---|---|------------------|
| 1 | Project Director, CIDA/ Additional Secretary (PDF)
Education & Literacy Department | Chairman |
| 2 | Project Engineer, PMU (CIDA)
Education & Literacy Department | Member/Secretary |
| 3 | Executive Engineer,
Works & Services Department
(To be nominated by the Department) | Member |

Function & Responsibilities of the Committee

- Preparing Bidding Documents
- Carrying out Technical as well as Financial evaluation of Bids
- Preparing evaluation reports as per SPPRA rules
- Making recommendations to the competent authority for award of contracts to the eligible/ successful bidder
- Perform any other function ancillary and incidental to the above

- DR. FAZLULLAH PECHUHO-
SECRETARY TO GOVT. OF SINDH

No.SO(G-I) E&L/CIDA/ 14

dated 04-November-2016

Copy forwarded for information & necessary action to:

1. All Members of Committee.
2. The P.S. to Senior Minister, Education & Literacy Department, Govt. of Sindh, Karachi.
3. The P.S to Secretary, Education & Literacy Department.
4. The P.S. to Secretary, works & Service Department.
5. The P.S. to Project Director, CIDA
6. Office Order File


SECTION OFFICER (G-III)



GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT
Karachi dated the 23-11-2015

NOTIFICATION

NO: SO(G-III)/EDU/E&A/PRO-ADP/14-15: In pursuance of Rule-31 of the Sindh Public Procurement Rules,2010 a Departmental Complaint Redressal Committee comprising of following Officers is constituted as under to resolve complaint's of aggrieved bidders:-

- | | |
|--|------------------|
| 1. Special Secretary (Schools)
Education & Literacy Department,
Govt. of Sindh | Chairman |
| 2. Representative of Accountant General, | Member |
| 3. Independent Professional Expert,
(to be nominated by Education Department) | Member |
| 4. Deputy Secretary (GA),
Education & Literacy Department,
Govt. of Sindh | Member |
| 5. Section Officer (GIII)
Education & Literacy Department,
Govt. of Sindh | Member/Secretary |

ToRs

- To perform according to Rule-31 of SPPRA, 2010;
- To Perform any other function ancillary and incidental to the above.

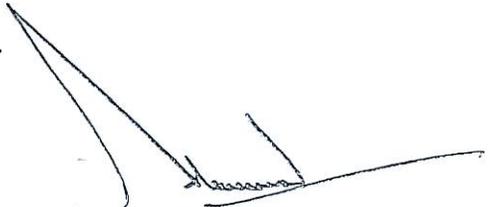
-DR. FAZLULLAH PECHUHO-
SECRETARY TO GOVT. OF SINDH

NO: SO(G-III)/EDU/E&A/PRO-ADP/14-15

Karachi dated the 23rd November, 2015

C.C.

1. All members of the committee.
2. The P.S. to Secretary, Education & Literacy Department.
3. Office Order File


DEPUTY SECRETARY(GA)



PROJECT MANAGEMENT UNIT
CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS &
TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)
GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT

ANNUAL PROCUREMENT PLAN
(Works, Goods & Services)
Financial year 2016-17

Sr. No.	Description of Procurement	Quantity (Where applicable)	Estimated Unit cost (where applicable)	Estimated total cost (Million)	Funds allocated (Million)	Source of funds (ADP/Non ADP)	Proposed Procurement Method	Timing of procurements				Remarks
								1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	
1.	Repair, Renovation and Rehabilitation of 43 Teacher Training Institutions (TTIs) in Sindh (list Attached) / (PMIU)	On need basis		275	275	PSDP	single stage Single envelope procedure	To be initiated in 1 st quarter	To be initiated in 2 nd quarter	To be continued/ completed in 3 rd quarter	To be completed in 4 th quarter	Activities are scheduled as per Cash/ work plan 2016-2017
2.	Professional Development Centres	On need basis	N/A	76.348	76.348	PSDP	single stage one envelope / single stage two envelope/ two stage two envelope procedure	To be initiated in 1 st quarter	To be initiated in 2 nd quarter	To be continued in 3 rd quarter	To be completed in 4 th quarter	Activities are scheduled as per Cash/ work plan 2016-2017

Rehan
PROJECT DIRECTOR (CIDA)

SUMMARY OF COST

Name of Work:

RENOVATION OF GOVERNMENT IN - SERVICE TEACHER
TRAINING CENTER LATIFABAD UNIT # 11 HYDERABAD.

Section -01

PART -A

1. Cost of Total Schedule Items Rs: 3,100,160.32
- 2 Cost of Total Non- Schedule Items Rs:
- 3 Total Part - A Sub - Total Rs:

PART -B

1. Cost of Total Schedule Items Rs: 683,085.32
- 2 ----- premium Rs:
- Sub - Total Rs:

PART -C

1. Cost of Total Schedule Items Rs: 686,816.00
- 2 premium Rs:
- Sub - Total Rs:

TOTAL :- Rs:-

Section -02

(WATER SUPPLY & SANITARY WORK)

1. Cost of Total Schedule Items Rs: 297,719.76
- 2 Cost of Total Non - Schedule Items Rs:
- Sub - Total Rs:

Section -03

(ELECTRIFICATION)

1. Cost of Total Schedule Items Rs: 278,962.00
- 2 Cost of Total Non - Schedule Items Rs:
- Total Rs:

GRAND TOTAL (Section 01 +Section 02 + Section 03) Rs:

for


PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of W/O Education and
Training Elementary schools Teachers in Sindh.

Bill of Quantities

NAME OF WORK:-	<u>RENOVATION OF GOVERNMENT IN - SERVICE TEACHER TRAINING CENTER LATIFABAD UNIT # 11 HYDERABAD.</u>				
S#	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT

1	Dismantling brick work in lime or cement mortar (S.I.NO:13/P-10)	2091.00 Cft @ 1285.63		% Cft	Rs: 26,883
2	Dismantling cement concrete plain 1:2:4 (S.I.NO:19(c)/P-10)	182.00 Cft @ 3327.50		% Cft	Rs: 9,910
3	Dismantling cement concrete reinforced separating reinforce from concrete cleaning & straightening the same.(S.I.NO:20/P-10)	651.00 Cft @ 5445.00		% Cft	Rs: 21,662
4	Removing doors with chowkhats. (S.I.NO:33(a)/P-12)	5.00 No @ 142.18		P No	711
5	Removing windows & sky light with chowkhats. (S.I.NO:33(b)/P-12)	6.00 No @ 102.85		P No	617
6	Removing cement or lime plaster. (S.I.NO:53/P-13)	7716.0 Sft @ 121.00		% Sft	Rs: 9,336
7	Excavation in foundation of building, bridges & other structures I/c degbelling, dressing, refilling around structure with excavated earth watering & ramming lead up to 5 feet. (b) In ordinary soil. (S.INo:18(b)/P-4)	2549.00 Cft @ 3176.25		% 0 Cft	Rs: 8,096
8	Cement concrete brick or stone ballast 1-½" to 2" gauge. 1:4:8 (S.I.# 04/P-17)	1701.00 Cft @ 9416.28		% Cft	Rs: 160,171
9	Pacca brick work in foundation and plinth in C.S. mortar 1:6 (S.I.# 04/P-24)	339.00 Cft @ 11948.36		% Cft	Rs: 40,505
10	Erection and removal of centering for R.C.C or plain cement concrete works of partial wood (b) Vertical. (S.I No.19(b)(ii)/P-18)	4612.0 Sft @ 3127.41		% Sft	Rs: 144,236
11	Cement concrete plain 1:3:6 i/c placing compacting, finishing and curing complete (i/c screening and washing of stone aggregate without shuttering. (S.I No. 5/P-16)	1729.00 Cft @ 12595.00		% Cft	Rs: 217,768
12	Reinforced Cement Concrete work including all labour and material except the cost of steel				

for

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (a) R.C.work in roof slab, beams, columns, rafts,lintels and other structural members laid in situ or precast laid in position complete in all respect.Ratio 1:2:4. (S.I.# 6-a/P-	2309.00 Cft @ 337.00		P.Cft	Rs: 778,133
13 Supplying and filling sand under floor & plugging in walls. (S.I.NO:29/P-26)	2976.00 Cft @ 1141.25		% Cft	Rs: 33,964
14 Pacca brick work in Ground Floor in cement sand mortar 1:6 (S.I.# 5/P-25)	485.00 Cft @ 12674.36		% Cft	Rs: 61,471
15 Pacca brick work in other than building i/c striking of joints up to 20 feet height in cement sand ratio 1:6 (S.I No. 7/P-22)	1248.00 Cft @ 12346.65		% Cft	Rs: 154,086
16 S/Fixing broken glasses on courtyard walls i/c 1:3:6 cement concrete coping. (S.I. No: 61/P-105)	478.00 Lft @ 70.44		P.Lft	Rs: 33,670
17 First class deodar wood wrought joinery in doors & windows etc fixed in position i/c chowkhat, holds fasts, hinges, iron tower bolts, chocks, cleats, handles and cords with hooks etc. Deodar paneled or paneled glazed or fully glazed 1-3/4" thick.(S.I.NO:7(b)/P-52	58.00 Sft @ 902.93		P.Sft	Rs; 52,370
18 P/F with sunk iron screws wooden Architrave approved design/shape having width not less than 2-1/2 inches as directed by Engineer Incharge. (S.I.# 60/P-73)	295.00 Rft @ 49.97		P.Rft	Rs: 14,741
19 Cement plaster 1/2" thick, ratio 1:6 upto 20' height.(S.I.# 11/P-58)	13484.0 Sft @ 2206.60		% Sft	Rs: 297,538
20 Cement plaster 3/8" thick, ratio 1:4 upto 20' height.(S.I.# 11/P-58)	13484.0 Sft @ 2197.52		% Sft	Rs: 296,314
21 Cement pointing struck joints on walls ratio 1:2. (S.I No.19 /P-53)	3328.00 Sft @ 1287.44		% Sft	Rs: 42,846
22 Providing and laying 2" thick Topping cement concrete (1:2:4) i/c surface finishing & dividing into panels.(S.I.NO: 16 /P-42)	2507.00 Sft @ 3275.50		% Sft	Rs: 82,117
23 Two coat of bitumen laid hot using 34 Lbs for cement sand @ one Cft Per % Sft (S.I No. 13/P- 35)	1337.00 Sft @ 1887.40		% Sft	Rs: 25,235

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institute of M/C Education and
Training Elementary School, Government of Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
24 Preparing the surface & applying ROCK WALL / shield (Natural wall texture) coating to provide durable crust to wall, thickness b/w 2 mm to 3 mm (1/8") with acrylic co-polymer emulsion, selected marble chips adhesive & bactericides water resistance and fire and termite resistance. (Up to 20'-0' height) (S.I.NO: 43/P- 56).	5541.0 Sft	@ 4504.50	% Sft	Rs: 249,594
25 Preparing the surface & painting with WEATHER-COAT I/c rubbing the surface with rubbing bricks / sand paper filling the voids with chalk / plaster of paris & then painting with weather coat of approved make. (3-coats) (S.I.NO: 38/P-56)	5736.0 Sft	@ 1948.10	% Sft	Rs: 111,743
26 Scraping ordinary distemper, oil bound distemper or paint on walls. (S.I.NO:54(b)/P-5121.00 Sft @ 226.88	5121.00 Sft	@ 226.88	% sft	RS: 11,619
27 white washing 03 Coats. (S.I.NO:54(c)/P-26)	4817.0 Sft	@ 829.95	% Sft	Rs: 39,979
28 Colour washing 02 Coats. (S.I.NO:54(c)/P-26)	3328.0 Sft	@ 859.90	% Sft	Rs: 28,617
29 Distemper 03 coats. (S.I.# 24/P-59)	10046.0 Sft	@ 1079.65	% Sft	Rs: 108,462
30 Painting OLD surfaces, painting of Door & Window any type i/c edge. (S.I.NO: 5/P-68)	1684.00 Sft	@ 1662.21	% Sft	Rs: 27,992
31 Painting OLD surface;- Preparing the surface painting guard bars, gates, iron bars, grating, railings i/c standard braces etc. & similar open work (3-coat) (S.I. No: 5d/P-1000.00 Sft @ 977.40	1000.00 Sft	@ 977.40	% Sft	Rs: 9,774

TOTAL:-	Rs: 3100160
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for


PROJECT DIRECTOR
 Capacity Building of Teachers
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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NON - SCHEDULE ITEM :-

- 1 Providing & Laying floor of Verona marble tiles of size 12" x 12" x 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc. complete i/c cutting tiles to proper profile. (R.A)

732.0 Sft @ Sft Rs:

- 2 Supplying & Fixing of Decorated Stone (JHELMUM STONE) in different colour and pattern i-e Red, Orange, White etc, and size 12"x8"x3/4" and also sami circular shape for border purpose on wall facing jointed in white cement and pigment over abase of 1:2 gray cement mortar 3/4" thick i/c cleaning and filling of joints with slurry of white cement & pigment i/c cutting tiles to proper profile. The rate also i/c chiseling for curving work and smoothness etc, complete as per direction of Engineer In charge. (R A)

144.0 Sft @ Sft Rs:

- 3 Providing and fixing hand make KASHI JALLI finished both side by special polish (RAZZO)etc, for wall facing and opening in required pattern with grey cement over abase of 1:2 cement plaster 3/4" thick i/c filling of joints with white cement and pigment in desired shape with finishing cleaning and the cost of wax polish etc, complete as per direction of Engineer in charge. (R A)

504.0 Sft @ Sft Rs:

- 4 Providing and laying Red Guttca brick facing 2-1/4" x 9" x 2-1/4" size of approved design set in cement sand mortar 1:3, 1" thick in/c filling the joints with white cement slurry using color pigment for matching, in/c leveling smooth finishing, curing and scaffolding etc complete as per specification and the rate includes all cost of labor, material and cartage as directed by Engineer In charge. (R A)

342.0 Sft @ Sft Rs:

TOTAL:- Rs:

TOTAL:- Rs:-

for


PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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Part - B

- | | | | | | |
|----|--|------------|-----------|-------|-------------|
| 1 | <i>Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also removal of rust from bars.) (S.I.# 7/P-20)</i> | 103.08 Cwt | @ 5001.70 | P.Cwt | Rs: 515,575 |
| 2 | <i>P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for doors using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing.(S.I.# 29/P-98)</i> | 102.00 Rft | @ 228.90 | P.Rft | Rs: 23,348 |
| 3 | <i>P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for window using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing.(S.I.# 29/P-98)</i> | 157.00 Rft | @ 240.50 | P.Rft | Rs: 37,759 |
| 4 | <i>P/F iron steel grill using solid sqyare bars of size 1/2" x1/2" placed at 4" i/c and frame of 3/4" x1/4" flat iron patti of approved design including painting three coats etc. complete (S.I.# 26/P-97)</i> | 154.00 Sft | @ 194.16 | P.Sft | Rs: 29,901 |
| 5 | <i>M/ Fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2" x 2" x 3/8" & 3/4" square bars @ 4" centre to centre with locking arrangement. (S.I No.</i> | 60.00 Sft | @ 726.72 | P.Sft | Rs: 43,603 |
| 6. | <i>Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T- section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (S.I. No: 32/P-94)</i> | 85.00 Sft | @ 387.04 | P.Sft | Rs: 32,898 |

TOTAL:- Rs: **683,084**


PROJECT DIRECTOR
 Capacity Building of Teachers
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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Part - C

1	<i>P/F in position Door Window and ventilator of first class deodar wood frames and 1 3/4" thick commercial ply veneer shutter of first class deodar skeleton ,(H ollow) and cpmmercial ply wood (3ply) on both sides (only shutters)</i>	83.00 Sft	@ 856.53	P.Sft	Rs; 71,092
2	<i>Glazed tile dado 1/4" thick laid in pigment over 1: 2 cement sand mortar 3/4" thick including finishing. complete .</i>	729.00 Sft	@ 28299.30	% Sft	Rs: 206,302
3	<i>Lying floor of approved with colour glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1: 2 complete</i>	157.00 Sft	@ 27747.06	% Sft	Rs: 43,563
4	<i>Supplying & fixing in position Aluminium channels framing for hinges doors of Alcop made with 5 mm thick tinted galss glazing (Belgium) & Alpha (Japan) locks i/c handles, stoppers etc.(b) Deluxe model (Bronze) (S.I.# 83/P-108)</i>	25.00 Sft	@ 1507.66	P.Sft	Rs: 37,692
5	<i>Supplying & fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5 mm thick tinted galss glazing (Belgium) & Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete.(b). Deluxe model (Bronze) (S.I.# 84/P-108)</i>	54.00 Sft	@ 1647.69	P.Sft	Rs: 88,975
6	<i>Door closure aluminium door (i) Single action good quality.(S.I.# 208 (xiii),P/No: 09) (Schedule of Basic Material)</i>	1 No:	@ 5000.00	Each	Rs: 5,000
7	<i>P/fixing false ceiling of plaster of paris, in panel including making frame work of deodar wood including painting with solgia paint. (S.I.# 52/P-64)</i>	192.00 Sft	@ 25293.42	% Sft	Rs: 48,563
8	<i>P/fixing plaster of paris ceiling border of 8" - 10" wide of specfied design & thickness including fixing besides ceiling with nails/scews with getties (SI #44/P-39)</i>	56.00 Rft	@ 104.22	P.Rft	Rs: 5,836
9	<i>Providing & fixing cement Paving Blocks Flooring having size of 197 X 97 X 60 (mm) of city / Quddra / coble shape with pigment, having strength b/w 5000 psi to 8500 psi I/c filling the joints with hill sand and laying in specified manner/ pattern and design etc</i>	900.00 Sft	@ 199.77	P.Sft	Rs: 179,793

TOTAL:-	Rs: 686,816
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PART - B**(WATER SUPPLY & SANITARY FITTINGS)****NAME OF WORK:-****RENOVATION OF GOVERNMENT IN - SERVICE
TEACHER TRAINING CENTER LATIFABAD UNIT # 11
HYDERABAD.**

S.#	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT	
1.	P/F squatting type white glazed earthenware W.C pan with front flush inlet & complete with i/c the cost of flushing internal fitting & flush pipe with bend & making requisite no: of cistern with holes in wall plinth & floor for pipe connection & making good in C.C.1:2:4 a) W.C pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank with 4" dia white glazed earthenware trap & plastic thumble. (S.I.NO:1(A)(ii)/P-1)	4	No.	@ 5088.20	Each	Rs: 20,352.80
2	Providing & fixing European type white glazed earthen ware wasd down w.c pan complete with & i/c cost of white/black plastic seat(Best Qty) & lid with c.p brass hinges best quality and buffers 3 gallons platic flushing cistern with internal fitting with fitting and clamp 3/4" dia.and cutting & making requisite number of holes in walss,plinth & follr for pipe cinnnection & making good in cement concrete 1:2:4	2	No.	@ 5339.40	Each	Rs: 10,678.80
3	P/F 22" x 16" Lavatory Basin in white glazed earthenware complete with & i/c the cost of W.I.or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1 1/2" rubber plug & chrome brass waste of approved pattern, 1 1/4" dia malleable iron c.p brass traps, malleable iron of brass unions and making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.# 12/P-04)	4	No.	@ 4694.80	Each	Rs: 18,779.20
4	Add extra for labour for providing & fixing of earthenware Padestal white or coloured glazed. (Standard Pattern) (S.I.# 09/P-03)	4	No.	@ 938.47	Each	Rs: 3,753.88
5	Providing and fixing steel sink stain less local make complete with cost iron or wrought iron bracket 6inches built in wall 1-1/2" c.p rubber plug chrome plated brass chain ,1-1/2" c.p brass waste ,with 1-1/2" P V C waste pipe making requisites number of holes in wall & plinth & floor for pipe connection & making good in cement concrete 1:2:4. (a) Steel Sink Stainless sized 40"x20" local make (Standard Pattern)	1	No.	@ 5052.30	Each	Rs: 5,052.30
6	P/F 4" dia C.I. Soil & Vent pipes i/c cutting,fitting and extra painting to match the color of the building. (S.I.# 01/P-08)	24.00	Rft	@ 333.29	P.Rft	Rs: 7,998.96
7	P/F Nylon Connections complete with 1/2" dia brass stopcock with pair of brass nuts and lining joints to nylon connection. (S.I.# 23/P-06)	10	No.	@ 447.15	Each	Rs: 4,471.50

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8	P/F 4" Dia Bend of the required degree with access door rubber washer 1/8" thick and bolt & nuts & extra painting to match the color of the building. (S.I.# 09/P-09)	12	No.	@	599.60	Each	Rs:	7,195.20
9	P/F 4" Dia Plain Bend of the required degree including extra painting to match the colour of the building. (S.I.# 10/P-09)	12	No.	@	566.70	Each	Rs:	6,800.40
10	P/F 4" Dia C.I. Off-sets of various length including extra painting to match the colour of the building. (S.I.# 08/P-09)	12	No.	@	702.00	Each	Rs:	8,424.00
11	P/F 4" Dia C.I. Terminal guard including extra painting to match the colour of the building. (S.I.# 11/P-09)	20	No.	@	389.70	Each	Rs:	7,794.00
12	P/F M.S. Clamps of the approved design to 4" dia C.I. pipe sockets i/c the cost of cutting and making good to wall or M.S. bolts and nuts 4" into wall i/c pipe distance pieces extra painting to match the color of the building. (S.I.# 02/P-09)	12	No.	@	72.16	Each	Rs:	865.92
13	P/F Handle Valve (China).(S.I.# 05/P-17)							
	(a) 1/2" dia	6	No:	@	200.42	Each	Rs:	1,202.52
	(b) 3/4" dia	3	No:	@	271.92	Each	Rs:	815.76
14	S/Fixing Long bib-cock of superior quality with c.p. head 1/2" dia(S.I#13-a/P-19)	8	No.	@	1109.46	Each	Rs:	8,875.68
15	S/Fixing concealed Stop cock of superior quality with c.p. head 1/2" dia.(S.I.# 11-a/P-18)	10	No.	@	478.28	Each	Rs:	4,782.80
16	S/Fixing swan type Pillar cock of superior quality with c.p. head 1/2" dia.(S.I.# 16-a/P-19)	4	No.	@	795.00	Each	Rs:	3,180.00
18	Providing & fixing C . P Muslim Shower With Crystal head etc complete .(S.I.# 19/P-19)	2	No.	@	3432.00	Each	Rs:	6,864.00
19	Providing F.C pressure pipe with collars (dadex or equivalent) including digging the trenches to required depth and fixing in position & joining with rubber rings i/c testing to water pressure head of 200 feet.(S.I.# 03/P-24)							
	4" dia	1	X	1	X	48.00	=	48.00
		35.00	Rft	@	188.44	P.Rft	Rs:	6,595.40
20	Supplying & Fixing Bath room accessories set (7 pieces) i/c towel rod, brush holder, soap tray .shelf of approved quality and design etc complete.	4	No.	@	8122.40	Each	Rs:	32,489.60

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Providing Chambers 9" x 6" (inside dimensions) x 24" deep for house maters with 6" thick C.C. 1:3:6 blocks set on 1:6 cement mortar 6" thick C.C. 1:4:8 in foundation, 1/2" thick cement plaster 1:3 to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinged cast iron cover and frame 9" x 6" (inside) clear opening (wt: 1 Qr) etc. fixed in cement concrete 1:2:4 including curing excavation back filling & disposal of surplus earth etc. complete. (S.I.# 01/P-20)

12 No. @ 2582.47 Each Rs: 30,989.64

22 Providing G.I.Pipe special & clamps etc i/c fixing, cutting & fitting complete with & i/c the cost of breaking through walls & roof making good etc painting two coat after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to pressure head of 200 and handling.(S.I.# 01/P-12)

(a) 1/2" dia 220.00 Rft @ 73.21 P.Rft Rs: 16,106.20

(b) 3/4" dia 180.00 Rft @ 95.79 P.Rft Rs: 17,242.20

23 Providing R.C.C Pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavated stuff.(S.I.# 02/P-23)

(a) 9" dia 265.00 Rft @ 250.60 P.Rft Rs: 66,409.00

24 S/Fixing FIBER-GLASS-TANK of approved quality & design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of cement concrete 1:3:6 & making connections for in-let & out-let & over-flow pipes etc. complete. (S.I.NO:3/P-21)

500 Gallon

1 No. @ 37505.4 Each Rs: 37,505.42

SUB - TOTAL Rs:- 297,719.76

B NON-SCHEDULE ITEMS:-

1. Providing and fixing water pumping set 1/2 H.P single phase 220 Volts with 1" x 1-1/4" suction and delivery including making c.c 1:3:6 plateform of required size and fixing with nuts and bolts.(Local Make). (R.A Attached)

1 No. @ Each Rs:

TOTAL Rs:


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Bill of Quantities

**RENOVATION OF GOVERNMENT IN -
SERVICE TEACHER TRAINING CENTER
LATIFABAD UNIT # 11 HYDERABAD.**

Sr:No	ITEMS OF WORK	Qty:	Rate	Unit	Amount
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PART - A Schedule items

1	Wiring for light or fan point with 1/1.13 (3/0.29) PVC insulated wire in (3/4") conduit recessed in the wall or Column etc complete.	41	Nos	Rs:	1130.00	Each	46330.00
2	Wiring for plug point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	10	Nos	Rs:	985.00	Each	9850.00
3	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	5	Nos	Rs:	1764.00	Each	8820.00
4	Wiring for mains with 2- 7/0.29 PVC insulated wire in recessed in the wall etc complete	100.0	Mtr	Rs:	222.00	P Mtr	22200.00
5	Wiring for mains with 2- 7/0.44 PVC insulated wire in recessed in the wall etc complete	75.0	Mtr	Rs:	341.00	P Mtr	25575.00
6	Wiring for mains with 2- 7/0.64 PVC insulated wire in recessed in the wall etc complete	30.00	Mtr	Rs:	641.00	P Mtr	19230.00
7	Wiring for plug point with (3/0.29) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.129,P-15)	22	Nos	Rs:	910.00	Each	20020.00
8	Wiring for plug point with (3/0.29) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.130,P-15)	6	Nos	Rs:	742.00	Each	4452.00
9	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in channel patti on surface as required.	1	Nos	Rs:	1590.00	Each	1590.00
10	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/0.29 copper condition in 3/4" dia PVC conduit on surface (S.I.No.3 P-1)	50.00	Mtr	Rs:	171.00	P Mtr	8550.00


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	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/0.044 (4mm ²) copper condition in 3/4" dia PVC conduit on surface (S.I.No.5 P-1)	30.00	Mtr	Rs:	305.00	P Mtr	9150.00
12	Wiring for mains with 2-7/0.29 PVC insulated wire 1" Dia pVc conduit on surface.	20.00	Mtr	Rs:	605.00	P Mtr	12100.00
13	Wiring for mains with 4-7/0.64 copper conductor PVC insulated wire 1 1/2" Dia PVC conduit etc complete.	25.00	Mtr	Rs:	1169.00	P Mtr	29225.00
14	P/F brass batten holder. (S.I.No 232, P-33)	25	Nos	Rs:	70.00	Each	1750.00
15	P/F Bakelite ceiling rose with two terminals. (S.I.No B- 228, P-33)	18	Nos	Rs:	72.00	Each	1296.00
16	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP SP(TB - 5S) on prepared board as required.(S . I NO: 203 P/31)	16	Nos	Rs:	916.00	Each	14656.00
17	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP DP(TB - 5S) on prepared board as required.(S.I 204 -P/31)	3	Nos	Rs:	2456.00	Each	7368.00
18	P/F Circuit breaker 15,20,30&100 apms triple pole including fixing as required.	1	Nos	Rs:	9261.00	Each	9261.00
19	P/F Circuit breaker 125,150,200 & 225 apms triple pole including fixing as required.(S.I No: 208/P-31)	1	Nos	Rs:	25541.00	Each	25541.00
20	P/F Voltmeter size 96/96 mm 500 Volts as required & as per instruction by Engineer in charge.	2	Nos	Rs:	999.00	Each	1998.00
Total Cost of Schedule Items					TOTAL RS:-		278962.00
PART-B Non-Schedule Items							
1	P/F 1-40 watts tube light complete with 40 wts rod,chock,starter complete in all respect.	10	Nos	Rs:		Each	
2	Wiring for main with 2-7/0.52 twin core as required.	100.0	Rft	Rs:		P Rft	
3	P/F main penal Board double Shutter Accordable Heavy duty Circuit bracket bas bar i/c painting with embalmed painting for other simple has on surface.	3	Nos	Rs:		Each	
4	P/F mild steel bar fan clamp 15.8 mm (5/8") dia suitable for R.C.C roof.	5	Nos	Rs:		Each	
				 PROJECT DIRECTOR Capacity Building of Teachers Training Institutions of M/O Education and Training Elementary Schools Teachers in Sindh.			

	P/F mix metallic switch 2 pin socket and bell push etc complete as required	10	Nos	Rs:		Each	
	P/F mix metallic sheet 2.4.6.8 hole including frame and PVC board clip switch etc complete as required.	8	Nos	Rs:		Each	
7	P/F power plug complete with switch socket 3 pin etc complete as required.	5	Nos	Rs:		Each	
8	Providing & fixing A.C. Ceiling fan regulator on S.W. Board as required.	15	Nos	Rs:		Each	
9	P/F brass ceiling fan 56" (Good Quality) (S.I.No C 235, P-34)	5	Nos	Rs:		Each	
10	P/F fancy bracket light with necessary connection etc complete as required (L.Q.R)	15	Nos	Rs:		Each	
11	Errection of AC ceiling fac i/c wiring of down rod with 1.13mm 3/29 PVC wire	15	Nos	Rs:		Each	
12	P/f A.c , D.C Electric bell 200/250volts as required	6	Nos	Rs:		Each	
13	P/F 10 amps bell push with fancy gang plate fixed on metal board including connection etc complete as required	6	Nos	Rs:		Each	
14	P/F Bracket fan of 18" sweep complete in all respect as required	1	Nos	Rs:		Each	
15	P/F Energy Saver 24 walls superior quality an existing holder as required (L.Q.R)	35	Nos	Rs:		Each	
Total Cost of Non - Schedule Items					TOTAL RS:-		
Total Cost of Schedule Items					TOTAL RS:-		278962.00
Grand Total:-						Rs:-	

for

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Training Elementary Schools teachers in Sindh.

SUMMARY OF COST

Name of Work:

**RENOVATION OF DISTRICT EDUCATIONAL
TECHNALOGY RESOURCE CENTER SANGHAR**

Section -01

PART -A

- | | | |
|--------------------------------------|-----------------|----------------------|
| 1. Cost of Total Schedule Items | Rs: | 2,336,065.80 |
| 2. Cost of Total Non- Schedule Items | Rs: | |
| 3. Total Part - A | Sub - Total Rs: | <input type="text"/> |

PART -B

- | | | |
|---------------------------------|-----------------|----------------------|
| 1. Cost of Total Schedule Items | Rs: | 363,127.00 |
| 2. Premium | Rs: | |
| | Sub - Total Rs: | <input type="text"/> |

PART -C

- | | | |
|---------------------------------|-----------------|----------------------|
| 1. Cost of Total Schedule Items | Rs: | 732,251.00 |
| 2. Premium | Rs: | |
| | Sub - Total Rs: | <input type="text"/> |

Grand Total Rs:-

Section -02 (WATER SUPPLY & SANITARY WORK)

- | | | |
|---------------------------------------|-----------|----------------------|
| 1. Cost of Total Schedule Items | Rs: | 185,962.87 |
| 2. Cost of Total Non - Schedule Items | Rs: | |
| | Total Rs: | <input type="text"/> |

Section -03 (ELECTRIFICATION)

- | | | |
|---------------------------------------|-----------|----------------------|
| 1. Cost of Total Schedule Items | Rs: | 127,096.00 |
| 2. Cost of Total Non - Schedule Items | Rs: | |
| | Total Rs: | <input type="text"/> |

GRAND TOTAL (Section 01 +Section 02 + Section 03) Rs:

So


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BILL OF QUANTITIES

<u>NAME OF WORK:-</u>	<u>RENOVATION OF DISTRICT EDUCATIONAL TECHNALOGY RESOURCE CENTER SANGHAR</u>				
S#	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT

(A) PART-A (CIVIL WORK) (SCHEDULE ITEMS)

1.	Scraping ordinary distemper, oil bound distemper or paint on walls. (S.I.# 54-b/P-13)	8024.0 Sft	@ 226.88	% Sft	Rs. 18,205
2.	Removing cement or lime plaster. (S.I.# 53/P-13)	3588.00 Sft	@ 121.00	% Sft	Rs. 4,341
3.	Dismantling cement concrete plain 1:2:4 (S.I.# 19-c/P-10)	1178.00 Cft	@ 3327.50	% Cft	Rs: 39,198
4.	Dismantling brick work in lime or cement mortar. (S.I.# 13/P-10)	1028.00 Cft	@ 1285.63	% Cft	Rs: 13,216
5.	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straighting the same. (S.I.# 20/P-10)	312.00 Cft	@ 5445.00	% Cft	Rs: 16,988
6.	Dismantling cement concrete plain 1:3:6 (S.I.# 19-c/P-10)	371.00 Cft	@ 1306.80	% Cft	Rs: 4,848
7.	Excavation in foundation of building, bridges & other structures I/c degbelling, dressing, refilling around structure with excavated earth watering & ramming lead up to 5 feet. (b) In ordinary soil. (S.INo:18(b)/P-4)	2080.00 Cft	@ 3176.25	% 0 Cft	Rs: 6,607
8.	Cement concrete brick or stone ballast 1-½" to 2" gauge. 1:4:8 (S.I.# 04/P-15)	1758.00 Cft	@ 9416.28	%0 Cft	Rs: 165,538
9.	Erection and removal of centering for R.C.C or plain cement concrete works of partial wood (b) Vertical. (S.I No.19(b)(ii)/P-18)	930.00 Sft	@ 3127.41	% sft	RS: 29,085
10.	Cement concrete plain 1:3:6. including placing, compacting, finishing and curing complete(including screening and washing of stone aggregate) without shuttering.(S.I.#	962.00 Cft	@ 12595.0	% Cft	Rs: 121,164
11.	Pacca brick work in foundatin & plinth in cement sand mortar 1:6 (S.I.# 04/P-21)	689.00 Cft	@ 11948.36	% Cft	Rs: 82,324
12.	Filling watering & ramming earth under floor with new earth (Excavated from out side)	1825.00 Cft	@ 3630.00	%0 Cft	Rs: 6,625


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DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
Pacca brick work in Ground Floor in cement sand mortar 1:6 (S.I.# 5/P-21)	167.00 Cft	@ 12674.36	% Cft	Rs: 21,166
14 Reinforced Cement Concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (a) R.C.work in roof slab, beams, columns, rafts,lintels and other structural members laid in situ or precast laid in position complete in all respect.Ratio 1:2:4. (S.I.# 6-a/P-18)	1401.00 Cft	@ 337.00	P.Cft	Rs: 472,137
15 Pacca brick work in other than building including striking of joints upto 20 feet height in cement sand mortar 1:6 (S.I.# 7/P-22) .	1208.00 Cft	@ 12346.65	% Cft	Rs: 149,148
16 First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkhats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and cords with hook, etc. Deodar panelled or panelled and glazed, or fully glazed.(b)1-3/4" thick.(S.I.#7(b)/P-58)(Shutters Only)	24.00 Sft	@ 902.93	P.Sft	Rs: 21,670
17 Providing and fixing edge block 3750 Psi Industrail made size 6"thick 12"long And 18"high I/c cost of cortage,excavation from work for haunching 1450 psi lean concrete 2250 psi concete for haunching ratio 1:4 cement sand mortar. (S.I.No. 14 /P-16 Schedule of rate Highway)	237.00 Rft	@ 297.01	P.Rft	Rs: 70,391
19 Cement plaster 1/2" thick, ratio 1:6 upto 20' height.(S.I.# 13/P-52)	11986.0 Sft	@ 2206.60	% Sft	Rs: 264,483
20 Cement plaster 3/8" thick, ratio 1:4 upto 20' height.(S.I.# 11/P-52)	11986.0 Sft	@ 2197.52	% Sft	Rs: 263,395
21 Providing & laying 2" topping cement concrete (1:2:4) including surface finishing and	4127.00 Sft	@ 3275.50	% Sft	Rs: 135,180
22 Two coat of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one	3197.00 Sft	@ 1887.40	% Sft	Rs: 60,340
23 Fixing water spouts or parnala (S.I.# 37/P-38)	8.00 No:	@ 211.75	Each	Rs: 1,694
24 S/Fixing broken glasses on courtyard walls i/c 1:3:6 cement concrete coping. (S.I. No: 61/P-	495.00 Lft	@ 70.44	P.Lft	Rs: 34,868
25 Preparing the surface & painting with WEATHER COAT I/c rubbing the surface with rubbing bricks / sand paper filling the voids with chalk plaster of paris & then				

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
painting with weather coat of approved make. (3-coats) (S.I.NO: 38/P-56)	8072.0 Sft	@ 1662.21	% Sft	Rs: 134,174
26 Preparing the surface and applying rock wall / shield (Natural wall texture) coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire and termite resistance (Upto 20' -0 height). (S.I # 43/P-56)	1264.0 Sft	@ 4504.50	% Sft	Rs: 56,937
27 white washing 03 Coats. (S.I.NO:54(c)/P-26)	2514.0 Sft	@ 829.95	% Sft	Rs: 20,865
28 Distempering three coats. (S.I.# 24/P-54)	8859.0 Sft	@ 1079.65	% Sft	Rs: 95,646
29 Painting new surfaces, preparing surface and painting of doors and windows any type, including edges Three coats. (S.I.# 5/P-68)	105.00 Sft	@ 2116.41	% Sft	Rs: 2,222
30 Painting old surfaces, painting door and windows any type. Three Coats (S.I # 4/P-68)	1030.00 Sft	@ 1662.21	% Sft	Rs: 17,121
31 Painting OLD surface;- Preparing the surface painting guard bars, gates, iron bars, grating, railings i/c standard braces etc. & similar open work (3-coat) (S.I. No: 5d/P-70)	664.00 Sft	@ 977.40	% Sft	Rs: 6,490
TOTAL PART-A				Rs <u>2336065.8</u>

NON - SCHEDULE ITEMS

- 1 Providing & Laying floor of Verona marble tiles of size 12" x 12" x 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc. complete i/c cutting tiles to proper profile. (R.A)
- 2367.00 Sft @ P.Sft Rs:
2. Providing and laying Guttca brick facing 2-1/4" x 9" x 2-1/4" size of approved design set in cement sand mortar 1:3, 1" thick in/c filling the joints with white cement slurry using color pigment for matching, in/c levelling smooth finishing, curring and scaffolding etc complete as per specification and the rate includes all cost of labour, material and cartage as directed by Engineer Incharge. (R.A)
- 628.00 Sft @ P.Sft Rs:

TOTAL (NON-SCHEDULE ITEMS) Rs


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DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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PART - B

1. Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also removal of rust from bars.) (S.I.# 7/P-20) TOR BAR.	62.54 Cwt	@ 5001.70	P.Cwt	Rs: 312,806
2. P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for Doors using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing. (S.I.# 29/P-93)	17.00 Rft	@ 228.90		Rs: 3,891
3. P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for Windows using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing. (S.I.# 28/P-93)	8.00 Rft	@ 240.50	P.Rft	Rs: 1,924
4. S/fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting three coats etc. complete (S.I.# 26/P-93)	5.00 Sft	@ 180.50	P.Sft	Rs: 903
5. Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2" x 2" x 3/8" and 3/4" square bars at 4" centre to centre. (S.I.# 24/P-92)	60.00 Sft	@ 726.72	P.Sft	Rs: 43,603
TOTAL PART-B				Rs 363127.0

PART - C

1. Providing & fixing in position Door, Windows and Ventilators of first class deodar wood frames, and 1-3/4" thick commercial ply veneer shutters of first class deodar skeleton (Hollow) and commercial ply wood (3-ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord and one Mortice Lock and hooks.(S.I.#9/P-58) (Shutters Only) (Full rate 1227.36 (-) 370.83 = 856.53)	18.00 Sft	@ 856.53	P.Sft	Rs: 15,418
2. P/Fixing 3/8" thick marble tiles of approved quality & colour & shade size (8" x 4" / 6" x 4") in dado skirting & facing removal tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slury of white cement over mortar base i/c filling the joints and washing the tiles with white cement slury, curing, finishing, cleaning & polishing etc. complete. (I) For new works. (S.I.NO:68(P-48))	527.00 Sft	@ 186.04	P.Sft	Rs: 98,043


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DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
3 Laying floor of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I No.24/P-42)	165.00 Sft	@ 27678.86	% Sft	Rs: 45,670
4 White glazed tiles 1/4" thick dado jointed in white cement & laid over 1:2 cement sand mortar 3/4" thick i/c finishing (S.I No. 37/P-44)	637.00 Sft	@ 28253.61	% Sft	Rs: 179,975
5 P/laying "HALA" or pattern tiles glazed 8" x 8" x 1/4" on floor or wall facing in required color pattern of STILE specification jointed in white cement & pigment over a base of 1:2 grey cement mortar 3/4" thick I/c washing & filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete i/c cutting tiles to proper profile (S.I No.62/P-47)	112.00 Sft	@ 34520.31	% Sft	Rs: 38,663
6 P/fixing false ceiling of plaster of paris, in panel including making frame work of deodar wood including painting with solgia paint. (S.I.# 52/P-64)	252.00 Sft	@ 25293.42	% Sft	Rs: 63,739
7 P/fixing plaster of paris ceiling border of 8" - 10" wide of specfied design & thickness including fixing besides ceiling with nails/scews with getties (SI #44/P-39)	64.00 Rft	@ 104.22	P.Rft	Rs: 6,670
8 Providing & fixing cement paving blocks flooring having size of 197 x 97 x 60 (mm) of city / quddra / cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi I/c filling the joints with hill sand and laying in specified manner / pattern and design etc: complete.(S.I.# 71/P-49)	1422.00 Sft	@ 199.77	P.Sft	Rs: 284,073
TOTAL PART-C				Rs: <u>732251.0</u>


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P A R T - B
(WATER SUPPLY & SANITARY FITTINGS)

<u>NAME OF WORK:-</u>	<u>RENOVATION OF DISTRICT EDUCATIONAL TECHNOLOGY RESOURCE CENTER SANGHAR</u>
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S #	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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SCHEDULE ITEMS

1. P/F squatting type white glazed earthenware W.C pan with front flush inlet & complete with i/c the cost of flushing internal fitting & flush pipe with bend & making requisite no: of cistern with holes in wall plinth & floor for pipe connection & making good in C.C.1:2:4 a) W.C pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank with 4" dia white glazed earthenware trap & plastic thumble. (S.I.NO:1(A)(ii)/P-1)

3 No. @ 5088.20 Each Rs: 15,265
2. P/F 22" x 16" Lavatory Basin in white glazed earthenware complete with & i/c the cost of W.I.or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1 1/2" rubber plug & chrome brass waste of approved pattern, 1 1/4" dia malleable iron c.p brass traps, malleable iron of brass unions and making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.# 12/P-04)

3 No. @ 4694.80 Each Rs: 14,084
- 3 Providing & fixing European type white glazed earthen ware wasd down w.c pan complete with & I/c cost of white/black plastic seat(Best Qty) & lid with c.p brass hinges best quality and buffers 3 gallons platic flushing cistern with internal fitting with fitting and clamp 3/4" dia.and cutting & making requisite number of holes in walss,plinth & follr for pipe cinnection & making good in cement concrete 1:2:4

1 No. @ 5339.40 Each Rs: 5,339.40
- 4 Providing and fixing steel sink stain less local make complete with cost iron or wrought iron bracket 6inches built in wall 1-1/2" c.p rubber plug chrome plated brass chain ,1-1/2" c.p brass waste ,with 1-1/2" P V C waste pipe making requisites number of holes in wall & plinth & floor for pipe connection & making good in cement concrete 1:2:4. (a) Steel Sink Stainless sized 40"x20" local make (Standard Pattern)

1 No. @ 5052.30 Each Rs: 5,052.30
- 5 Add extra for labour for providing & fixing of earthenware Padestal white or coloured glazed. (Standard Pattern) (S.I.# 09/P-03)

3 No. @ 938.47 Each Rs: 2,815
- 6 P/F 6" x 2" or 6" x 3" C.I. Floor Trap of the approved self cleaning design with C.I. screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor pipe connections & making good in cement concrete 1:2:4(S.I.# 20/P-06)

3 No. @ 2024.43 Each Rs: 6,073

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
7 P/F Nylon Connections complete with 1/2" dia brass stopcock with pair of brass nuts and lining joints to nylon connection. (S.I.# 23/P-06)	6 No.	@ 447.15	Each	Rs: 2,683
8 P/F 4" dia C.I. Soil & Vent pipes i/c cutting, fitting and extra painting to match the color of the building. (S.I.# 01/P-08)	36.00 Rft	@ 333.29	P.Rft	Rs: 11,998
9 P/F 4" Dia Bend of the required degree with access door rubber washer 1/8" thick and bolt & nuts & extra painting to match the color of the building. (S.I.# 09/P-09)	6 No.	@ 599.60	Each	Rs: 3,598
10 P/F 4" Dia Plain Bend of the required degree including extra painting to match the colour of the building. (S.I.# 10/P-09)	6 No.	@ 566.70	Each	Rs: 3,400
11 P/F 4" Dia C.I. Off-sets of various length including extra painting to match the colour of the building. (S.I.# 08/P-09)	6 No.	@ 702.00	Each	Rs: 4,212
12 P/F 4" Dia C.I. Terminal guard including extra painting to match the colour of the building. (S.I.# 11/P-09)	2 No.	@ 389.70	Each	Rs: 779
13 P/F M.S. Clamps of the approved design to 4" dia C.I. pipe sockets i/c the cost of cutting and making good to wall or M.S. bolts and nuts 4" into wall i/c pipe distance pieces extra painting to match the color of the building. (S.I.# 02/P-09)	12 No.	@ 72.16	Each	Rs: 866
14 P/F 4" x 4" dia C.I. branch of the required degree with access door, rubber washer 3/8" thick and bolts and nuts & extra painting to match the color of the building. (S.I.# 03/P-09)	6 No.	@ 702.00	Each	Rs: 4,212
15 P/F 4" x 4" x 4" dia Plain C.I. branch of the required degree including extra painting to match the colour of the building. (S.I.# 07/P-09)	6 No.	@ 704.20	Each	Rs: 4,225
16 P/F Handle Valve (China). (S.I.# 05/P-17)				
(a) 1/2" dia	2 No:	@ 200.42	Each	Rs: 401
(b) 3/4" dia	3 No:	@ 271.92	Each	Rs: 816
17 S/Fixing Long bib-cock of superior quality with e.p. head 1/2" dia (S.I.#13-a/P-19)	3 No.	@ 1109.46	Each	Rs: 3,328

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
18 S/Fixing concealed Stop cock of superior quality with c.p. head 1/2" dia.(S.I.# 11-a/P-18)	6 No.	@ 478.28	Each	Rs: 2,870
19 S/Fixing swan type Pillar cock of superior quality with c.p. head 1/2" dia.(S.I.# 16-a/P-19)	3 No.	@ 795.00	Each	Rs: 2,385
20 Providing F.C pressure pipe with collars (dadex or equivalent) including digging the trenches to required depth and fixing in position & joining with rubber rings i/c testing to water pressure head of 200 feet.(S.I.# 03/P-24)	80.00 Rft	@ 188.44	P.Rft	Rs: 15,075
4" dia				
21 Providing Chambers 9" x 6" (inside dimensions) x 24" deep for house maters with 6" thick C.C. 1:3:6 blocks set on 1:6 cement mortar 6" thick C.C. 1:4:8 in foundation, 1/2" thick cement plaster 1:3 to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinged cast iron cover and frame 9" x 6" (inside) clear opening (wt: 1 Qr) etc. fixed in cement concrete 1:2:4 including curing excavation back filling & disposal of surplus earth etc. complete. (S.I.# 01/P-20)	4 No.	@ 2582.47	Each	Rs: 10,329.88
22 Add Extra Labor for concealed G.I. Pipe & fittings including making recess in the wall for pipe & making good in the cement mortar etc.complete.(SI # 2/P-12)				
(a) 1/2" dia	140.00 Rft	@ 7.82	P.Rft	Rs: 1,095
(b) 3/4" dia	80.00 Rft	@ 8.45	P.Rft	Rs: 676
23 Providing G.I.Pipe special & clamps etc i/c fixing, cutting & fitting complete with & i/c the cost of breaking through walls & roof making good etc painting two coat after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to pressure head of 200 and handling.(S.I.# 01/P-12)				
(a) 1/2" dia	140.00 Rft	@ 73.21	P.Rft	Rs: 10,249
(b) 3/4" dia	80.00 Rft	@ 95.79	P.Rft	Rs: 7,663
24 Providing R.C.C Pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavated stuff.(S.I.# 02/P-23)				
(a) 6" dia	45.00 Rft	@ 199.25	P.Rft	Rs: 8,966


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DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT	
25 S/Fixing FIBER-GLASS-TANK of approved quality & design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of cement concrete 1:3:6 & making connections for in-let & out-let & over-flow pipes etc. complete. (S.I.NO:3/P-21)					
500 Gallon	1	No.	@ 37505.42	Each	Rs: 37,505.42
SUB-TOTAL (B)				Rs: 185962.9	

PART - B (NON-SCHEDULE ITEMS):

1. Providing and fixing water pumping set 1/2 H.P single phase 220 Volts with 1" x 1-1/4" suction and delivery including making c.c 1:3:6 plateform of required size and fixing with nuts and bolts.(Local Make). (R.A Attached)

1 No. @ Each Rs:

TOTAL (C) Rs:

for

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions for Education and
Training Elementary school teachers in Sindh.

DETAIL ESTIMATE OF ELECTRIFICATIONRENOVATION OF DISTRICT EDUCATIONAL
TECHNALOGY RESOURCE CENTER SANGHAR

Sr: No	ITEMS OF WORK	Qty:	Rate	Unit	Amount
<u>PART - A Schedule items</u>					
1	Wiring for light or fan point with 1/1.13 (3/0.29) PVC insulated wire in (3/4") conduit recessed in the wall or Column etc complete.	12	Nos	Rs: 1130.00	Each 13560.00
2	Wiring for plug point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	6	Nos	Rs: 985.00	Each 5910.00
3	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	2	Nos	Rs: 1764.00	Each 3528.00
4	Wiring for mains with 2- 7/0.29 PVC insulated wire in recessed in the wall etc	32.0	Mtr	Rs: 222.00	P Mtr 7104.00
5	Wiring for mains with 2- 7/0.44 PVC insulated wire in recessed in the wall etc	22.0	Mtr	Rs: 341.00	P Mtr 7502.00
6	Wiring for mains with 2- 7/0.64 PVC insulated wire in recessed in the wall etc	18.00	Mtr	Rs: 641.00	P Mtr 11538.00
7	Wiring for plug point with (3/.029) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.129,P-15)	8	Nos	Rs: 910.00	Each 7280.00
8	Wiring for plug point with (3/.029) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.130,P-15)	2	Nos	Rs: 742.00	Each 1484.00
9	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in channel patti on sruface as required.	1	Nos	Rs: 1590.00	Each 1590.00
10	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/.029 copper condition in 3/4" dia PVC conduit on surface (S.I.No.3 P-1)	38.00	Mtr	Rs: 171.00	P Mtr 6498.00
11	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/.044 (4mm ²) copper condition in 3/4" dia PVC conduit on surface (S.I.No.5 P-1)	20.00	Mtr	Rs: 305.00	P Mtr 6100.00
12	Wiring for mains with 2-7/0.29 PVC insulated wire 1" Dia pVc conduit on surface.	8.00	Mtr	Rs: 605.00	P Mtr 4840.00
				PROJECT DIRECTOR Training Institutions of W/O Education and Training Elementary Schools Teachers in Sindh.	

ITEMS OF WORK		Qty:		Rate		Unit	Amount
13	Wiring for mains with 4-7/0.64 copper conductor PVC insulated wire 11/2" Dia PVC conduit etc complete.	26.00	Mtr	Rs:	1169.00	P Mtr	30394.00
14	P/F brass batten holder. (S.I.No 232, P-33)	14	Nos	Rs:	70.00	Each	980.00
15	P/F Bakelite ceiling rose with two terminals. (S.I.No B- 228, P-33)	8	Nos	Rs:	72.00	Each	576.00
16	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP SP(TB - 5S) on prepared board as required.(S . I NO: 203 P/31)	6	Nos	Rs:	916.00	Each	5496.00
17	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP DP(TB - 5S) on prepared board as required.(S.I 204 -P/31)	1	Nos	Rs:	2456.00	Each	2456.00
18	P/F Circuit breaker 15,20,30&100 apms triple pole including fixing as required.	1	Nos	Rs:	9261.00	Each	9261.00
19	P/F Voltmeter size 96/96 mm 500 Volts as required & as per instruction by Engineer in charge.	1	Nos	Rs:	999.00	Each	999.00
Total Cost of Schedule Items						TOTAL RS:-	127096.00
PART-B Non-Schedule Items							
1	P/F 1-40 watts tube light complete with 40 wtts rod,chock,starter complete in all respect.	8	Nos	Rs:		Each	
2	Wiring for main with 2-7/0.52 twin core as required.	65.0	Rft	Rs:		P Rft	
3	P/F main penal Board double Shutter Accordable Heavy duty Circuit bracket bas bar i/c painting with embalmed painting for other simple has on surface.	1	Nos	Rs:		Each	
4	P/F mild steel bar fan clamp 15.8 mm (5/8") dia suitable for R.C.C roof.	2	Nos	Rs:		Each	
5	P/F mix metallic switch 2 pin socket and bell push etc complete as required	10	Nos	Rs:		Each	
6	P/F mix metallic sheet 2.4.6.8 hole includind frame and PVC board clip switch etc complete as required.	8	Nos	Rs:		Each	
7	P/F power plug complete with switch socket 3 pin etc complete as required.	4	Nos	Rs:		Each	

for

PROJECT DIRECTOR
Capacity Building
Training Institutions
Training Elementary Schools

ITEMS OF WORK		Qty:		Rate	Unit	Amount
8	Providing & fixing A.C. Ceiling fan regulator on S.W. Board as required.	2	Nos	Rs:	Each	
9	P/F brass ceiling fan 56" (Good Quality) (S.I.No C 235, P-34)	2	Nos	Rs:	Each	
10	P/F fancy bracket light with necessary connection etc complete as required .(L.Q.R)	8	Nos	Rs:	Each	
11	Errection of AC ceiling fac i/c wiring of down rod with 1.13mm 3/29 PVC wire	6	Nos	Rs:	Each	
12	P/f A.c , D.C Electric bell 200/250volts as required	1	Nos	Rs:	Each	
13	P/F 10 amps bell push with fancy gang plate fixed on metal board incuding connection etc complete as required	4	Nos	Rs:	Each	
14	P/F Bracket fan of 18" sweep complete in all respect as required	4	Nos	Rs:	Each	
15	P/F Energy Saver 24 walls superior quality an existing holder as required (L.Q.R)	14	Nos	Rs:	Each	
Total Cost of Non - Schedule Items					TOTAL RS:-	
Total Cost of Schedule Items					TOTAL RS:-	127096.00
Grand Total:-					Rs:-	

for

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions for 210 Education
Training Elementary Schools Teachers

SUMMARY OF COST

Name of Work:

RENOVATION OF DISTRICT EDUCATIONAL
TECHNALOGY RESOURCE CENTER DADU

Section -01

PART -A

- | | | |
|--------------------------------------|-----------------|--------------|
| 1. Cost of Total Schedule Items | Rs: | 2,353,213.60 |
| 2. Cost of Total Non- Schedule Items | Rs: | |
| 3. Total Part - | Sub - Total Rs: | |

PART -B

- | | | |
|---------------------------------|-----------------|------------|
| 1. Cost of Total Schedule Items | Rs: | 392,418.00 |
| 2. Premium | Rs: | |
| | Sub - Total Rs: | |

PART -C

- | | | |
|---------------------------------|-----------------|------------|
| 1. Cost of Total Schedule Items | Rs: | 793,731.00 |
| 2. Premium | Rs: | |
| | Sub - Total Rs: | |

Grand Total Rs:-

Section -02 (WATER SUPPLY & SANITARY WORK)

- | | | |
|---------------------------------------|-----------|------------|
| 1. Cost of Total Schedule Items | Rs: | 175,363.80 |
| 2. Cost of Total Non - Schedule Items | Rs: | |
| | Total Rs: | |

Section -03 (ELECTRIFICATION)

- | | | |
|---------------------------------------|-----------|------------|
| 1. Cost of Total Schedule Items | Rs: | 192,942.00 |
| 2. Cost of Total Non - Schedule Items | Rs: | |
| | Total Rs: | |

GRAND TOTAL (Section 01 +Section 02 + Section 03) Rs:


PROJECT DIRECTOR
Capacity Building of Teachers
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Bill Of Quantities

S#	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
NAME OF WORK:-		<u>RENOVATION OF DISTRICT EDUCATIONAL TECHNALOGY RESOURCE CENTER DADU</u>			
(A) PART-A (CIVIL WORK) (SCHEDULE ITEMS)					
1	Dismantling brick work in lime or cement mortar. (S.I.# 13/P-10)	2985.00 Cft	@ 1285.63	% Cft	Rs: 38,376
2	Removing cement or lime plaster. (S.I.# 53/P-13)	3077.00 Sft	@ 121.00	% Sft	Rs. 3,723
3	Dismantling cement concrete plain 1:2:4 (S.I.# 19-c/P-10)	2123.00 Cft	@ 3327.50	% Cft	Rs: 70,643
4	Excavation in foundation of building, bridges & other structures I/c degbelling, dressing, refilling around structure with excavated earth watering & ramming lead up to 5 feet. (b) In ordinary soil. (S.INo:18(b)/P-4)	1667.00 Cft	@ 3176.25	% 0 Cft	Rs: 5,295
5	Cement concrete brick or stone ballast 1-1/2" to 2" gauge. 1:4:8 (S.I.# 04/P-15)	765.00 Cft	@ 9416.28	%0 Cft	Rs: 72,035
6	Pacca brick work in foundatin & plinth in cement sand mortar 1:6 (S.I.# 04/P-21)	1012.00 Cft	@ 11948.36	% Cft	Rs: 120,917
7	Filling watering & ramming earth under floor with new earth (Excavated from out side) lead upto one chain & lift upto 5 feet. (S.I.# 22/P-04)	906.00 Cft	@ 3630.00	%0 Cft	Rs: 3,289
8	Pacca brick work in Ground Floor in cement sand mortar 1:6 (S.I.# 5/P-21)	27.00 Cft	@ 12674.36	% Cft	Rs: 3,422
9	Reinforced Cement Concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (a) R.C.work in roof slab, beams, columns, rafts,lintels and other structural members laid in situ or precast laid in position complete in all respect.Ratio 1:2:4. (S.I.# 6-a/P-18)	1472.00 Cft	@ 337.00	P.Cft	Rs: 496,064
10	Pacca brick work in other than building including stricking of joints upto 20 feet height in cement sand mortar 1:6 (S.I.# 7/P-22) .	1293.00 Cft	@ 12346.65	% Cft	Rs: 159,642
11	Cement plaster 1/2" thick, ratio 1:6 upto 20' height.(S.I.# 13/P-52)				

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
	8927.0 Sft	@ 2206.60	% Sft	Rs: 196,983
2 Cement plaster 3/8" thick, ratio 1:4 upto 20' height.(S.I.# 11/P-52)	Qty: same as item No: (15) = 8927.00 Sft			
	8927.0 Sft	@ 2197.52	% Sft	Rs: 196,173
13 Cement concrete plain 1:3:6. including placing, compacting, finishing and curing complete(including screening and washing of stone aggregate) without shuttering.(S.I.# 05/P-18)	705.00 Cft @ 12595.00		% Cft	Rs: 88,795
14 First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkhats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and cords with hook, etc. Deodar panelled or panelled and glazed, or fully glazed.(b)1-3/4" thick.(S.I.#7(b)/P-58)(Shutters Only)	50.00 Sft	@ 902.93	P.Sft	Rs: 45,147
15 Providing & laying 3" topping cement concrete (1:2:4) including surface finishing and divided in panels. (S.I.# 16/P-42)	2930.00 Sft	@ 4411.82	% Sft	Rs: 129,266
16 Providing & laying 2" topping cement concrete (1:2:4) including surface finishing and divided in panels. (S.I.# 16/P-42)	4400.00 Sft	@ 3275.50	% Sft	Rs: 144,122
17 Two coat of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one cft per % sft. (S.I.# 13/P-35)	5876.00 Sft	@ 1887.40	% Sft	Rs: 110,904
18 Cement pointing struck joints on walls ratio 1:2. (S.I No.19 /P-53)	3496.00 Sft @ 1287.44		% Sft	Rs: 45,009
19 S/Fixing broken glasses on courtyard walls i/c 1:3:6 cement concrete coping. (S.I. No: 61/P-105)	390.00 Lft @ 70.44		P.Lft	Rs: 27,472
20 Fixing water spouts or parnala (S.I.# 37/P-38)	12.00 No: @ 211.75		Each	Rs: 2,541
21 Preparing the surface and applying rock wall / shield (Natural wall texture) coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire and termite resistance (Upto 20' -0 height). (S.I # 43/P-56)	1264.0 Sft @ 4504.50		% Sft	Rs: 56,937
22 Preparing the surface & painting with WEATHER-COAT. Itc rubbing the surface with rubbing bricks / sand paper filling the voids with chalk / plaster of paris & then				

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
<i>painting with weather coat of approved make. (3-coats) (S.I.NO: 38/P-56)</i>	5460.0 Sft	@ 1662.21	% Sft	Rs: 90,757
23 <i>white washing 03 Coats. (S.I.NO:54(c)/P-26)</i>	3569.0 Sft	@ 829.95	% Sft	Rs: 29,621
24 <i>Distempering three coats. (S.I.# 24/P-54)</i>	10891.0 Sft	@ 1079.65	% Sft	Rs: 117,585
25 <i>Colour washing 02 Coats. (S.I.NO:54(c)/P-26)</i>	8877.0 Sft	@ 859.90	% Sft	Rs: 76,333
26 <i>Painting new surfaces, preparing surface and painting of doors and windows any type, including edges Three coats. (S.I.# 5/P-68)</i>	35.00 Sft	@ 2116.41	% Sft	Rs: 741
27 <i>Painting old surfaces, painting door and windows any type. Three Coats (S.I # 4/P-68)</i>	1110.00 Sft	@ 1662.21	% Sft	Rs: 18,451
28 <i>Painting OLD surface;- Preparing the surface painting guard bars, gates, iron bars, grating, railings i/c standard braces etc. & similar open work (3-coat) (S.I. No: 5d/P-70)</i>	304.00 Sft	@ 977.40	% Sft	Rs: 2,971
TOTAL PART-A				Rs 2353213.6


PROJECT DIRECTOR
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 Training Institutions of M/O Education and
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DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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NON - SCHEDULE ITEMS

1. Providing & Laying floor of Verona marble tiles of size 12" x 12" x 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile (R A)

3521.00 Sft @ P.Sft Rs:

2. Providing and laying Guttca brick facing 2-1/4" x 9" x 2-1/4" size of approved design set in cement sand mortar 1:3, 1" thick in/c filling the joints with white cement slurry using color pigment for matching, in/c levelling smooth finishing, curing and scaffolding etc complete as per specification and the rate includes all cost of labour, material and cartage as directed by Engineer Incharge. (R.A)

628.00 Sft @ P.Sft Rs.

3. Supplying & Fixing of Decorated Stone (JHELMUM STONE) in different colour and pattern i-e Red, Orange, White etc, and size 12"x8"x3/4" and also sami circular shape for border purpose on wall facing jointed in white cement and pigment over abase of 1:2 gray cement mortar 3/4" thick i/c cleaning and filling of joints with slurry of white cement & pigment i/c cutting tiles to proper profile. The rate also i/c chiseling for curving work and smoothness etc, complete as per direction of Engineer In charge. (R A Attached)

294.0 Sft @ Sft Rs:

TOTAL (NON-SCHEDULE ITEMS) Rs


PROJECT DIRECTOR
 Capacity Building of Teachers
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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PART - B

1. Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also removal of rust from bars.) (S.I.# 7/P-20) TOR BAR.	65.71 Cwt	@ 5001.70	P.Cwt	Rs: 328,662
2. P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for Doors using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing. (S.I.# 29/P-93)	17.00 Rft	@ 228.90		Rs: 3,891
3. P/Fixing G.I. frames/chowkhats of size 7" x 2" or 4 1/2" x 3" for Windows using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 repairing the jambs. The cost also i/c all carriage, tools and plansts used in making and fixing. (S.I.# 28/P-93)	8.00 Rft	@ 240.50	P.Rft	Rs: 1,924
4. S/fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting three coats etc. complete (S.I.# 26/P-93)	321.00 Sft	@ 180.50	P.Sft	Rs: 57,941
TOTAL PART-B				Rs: <u>392418.0</u>

PART - C

1. Providing & fixing in position Door, Windows and Ventilators of first class deodar wood frames, and 1-3/4" thick commercial ply veneer shutters of first class deodar skeleton (Holow) and commercial ply wood (3-ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord and one Mortice Lock and hooks.(S.I.#9/P-58) (Shutters Only) (Full rate 1227.36 (-) 370.83 = 856.53)	18.00 Sft	@ 856.53	P.Sft	Rs: 15,418
2. P/Fixing 3/8" thick marble tiles of approved quality & colour & shade size (8" x 4" / 6" x 4") in dado skirting & facing removal tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slury of white cement over mortar base i/c filling the joints and washing the tiles with white cement slury, curing, finishing, cleaning & polishing etc. complete. (I) For new works. (S.I.NO:68(i)/P-48)	700.00 Sft	@ 186.04	P.Sft	Rs: 130,228
3. Laying floor of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I No.24/P-42)	135.00 Sft	@ 276.86	% Sft	Rs: 37,366


PROJECT DIRECTOR
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
White glazed tiles 1/4" thick dado jointed in white cement & laid over 1:2 cement sand motar 3/4" thick i/c finishing (S.I No. 37/P-44)	722.00 Sft	@ 28253.61	% Sft	Rs: 203,991
5 P/laying "HALA" or pattern tiles glazed 8" x 8" x 1/4" on floor or wall facing in required color pattern of STILE specification jointed in white cement & pigment over a base of 1:2 grey cement mortar 3/4" thick I/c washing & filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete i/c cutting tiles to proper profile (S.I No.62/P-47)	112.00 Sft	@ 34520.31	% Sft	Rs: 38,663
6 P/fixing false ceiling of plaster of paris, in panel including making frame work of deodar wood including painting with solgia paint. (S.I.# 52/P-64)	252.00 Sft	@ 25293.42	% Sft	Rs: 63,739
7 P/fixing plaster of paris ceiling border of 8" - 10" wide of specfied design & thickness including fixing besides ceiling with nails/scews with getties (SI #44/P-39)	64.00 Rft	@ 104.22	P.Rft	Rs: 6,670
8 Galvanized wire gauze fixed to chowkhats with 3/4" deodar strips and screws. (S.I.#	341.00 Sft	@ 190.72	% Sft	Rs: 65,036
9 Fixing expanded metal with 1" deodar wooden strips and screws.(S.I.# 22(a)/P-61)	341.00 Sft	@ 296.05	P.Sft	Rs: 100,953
10 Supplying & fixing in position Aluminium channels framing for hinges doors of Alcop made with 5 mm thick tinted galss glazing (Belgium) & Alpha (Japan) locks i/c handles, stoppers etc.(b) Deluxe model (Bronze) (S.I.# 83/P-108)	25.00 Sft	@ 1507.66	P.Sft	Rs: 37,692
11 Supplying & fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5 mm thick tinted galss glazing (Belgium) & Aluminium fly screen i/c handles, stoppers & locking arrangement etc complete.(b). Deluxe model (Bronze) (S.I.# 84/P-108)	54.00 Sft	@ 1647.69	P.Sft	Rs: 88,975
12 Door closure aluminium door (i) Single action good quality.(S.I.# 208 (xiii),P/No: 09) (Schedule of Basic Material)	1 No:	@ 5000.00	Each	Rs: 5,000

TOTAL PART-C Rs 793731.0

for

PROJECT DIRECTOR
 Capacity Building of Teachers
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

P A R T - B
(WATER SUPPLY & SANITARY FITTINGS)

NAME OF WORK:-	RENOVATION OF DISTRICT EDUCATIONAL TECHNOLOGY RESOURCE CENTER DADU
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S #	DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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SCHEDULE ITEMS

1. P/F squatting type white glazed earthenware W.C pan with front flush inlet & complete with i/c the cost of flushing internal fitting & flush pipe with bend & making requisite no: of cistern with holes in wall plinth & floor for pipe connection & making good in C.C.1:2:4 a) W.C pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank with 4" dia white glazed earthenware trap & plastic thumble. (S.I.NO:1(A)(ii)/P-1)

		2 No.	@ 5088.20	Each	Rs: 10,176
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2. P/F 22" x 16" Lavatory Basin in white glazed earthenware complete with & i/c the cost of W.I.or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1 1/2" rubber plug & chrome brass waste of approved pattern, 1 1/4" dia malleable iron c.p brass traps, malleable iron of brass unions and making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Standard Pattern) (S.I.# 12/P-04)

		2 No.	@ 4694.80	Each	Rs: 9,390
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3. Providing & fixing European type white glazed earthenware wasd down w.c pan complete with & I/c cost of white/black plastic seat(Best Qty) & lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia.and cutting & making requisite number of holes in walss,plinth & follr for pipe cinnection & making good in cement concrete 1:2:4

		1 No.	@ 5339.40	Each	Rs: 5,339.40
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4. Providing and fixing steel sink stain less local make complete with cost iron or wrought iron bracket 6inches built in wall 1-1/2" c.p rubber plug chrome plated brass chain ,1-1/2" c.p brass waste ,with 1-1/2" P V C waste pipe making requisites number of holes in wall & plinth & floor for pipe connection & making good in cement concrete 1:2:4. (a) Steel Sink Stainless sized 40"x20" local make (Standard Pattern)

		1 No.	@ 5052.30	Each	Rs: 5,052.30
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5. Add extra for labour for providing & fixing of earthenware Padestal white or coloured glazed. (Standard Pattern) (S.I.# 09/P-03)

		2 No.	@ 938.47	Each	Rs: 1,877
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6. P/F 6" x 2" or 6" x 3" C.I. Floor Trap of the approved self cleaning design with C.I. screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor pipe connections & making good in cement concrete 1:2:4(S.I.# 20/P-06)

		2 No.	@ 2024.43	Each	Rs: 4,049
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PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary School Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
P/F Nylon Connections complete with 1/2" dia brass stopcock with pair of brass nuts and lining joints to nylon connection. (S.I.# 23/P-06)	4 No.	@ 447.15	Each	Rs: 1,789
8 P/F 4" dia C.I. Soil & Vent pipes i/c cutting, fitting and extra painting to match the color of the building. (S.I.# 01/P-08)	18.00 Rft	@ 333.29	P.Rft	Rs: 5,999
9 P/F 4" Dia Bend of the required degree with access door rubber washer 1/8" thick and bolt & nuts & extra painting to match the color of the building. (S.I.# 09/P-09)	3 No.	@ 599.60	Each	Rs: 1,799
10 P/F 4" Dia Plain Bend of the required degree including extra painting to match the colour of the building. (S.I.# 10/P-09)	3 No.	@ 566.70	Each	Rs: 1,700
11 P/F 4" Dia C.I. Off-sets of various length including extra painting to match the colour of the building. (S.I.# 08/P-09)	3 No.	@ 702.00	Each	Rs: 2,106
12 P/F 4" Dia C.I. Terminal guard including extra painting to match the colour of the building. (S.I.# 11/P-09)	1 No.	@ 389.70	Each	Rs: 390
13 P/F M.S. Clamps of the approved design to 4" dia C.I. pipe sockets i/c the cost of cutting and making good to wall or M.S. bolts and nuts 4" into wall i/c pipe distance pieces extra painting to match the color of the building. (S.I.# 02/P-09)	8 No.	@ 72.16	Each	Rs: 577
14 P/F 4" x 4" dia C.I. branch of the required degree with access door, rubber washer 3/8" thick and bolts and nuts & extra painting to match the color of the building. (S.I.# 03/P-09)	6 No.	@ 702.00	Each	Rs: 4,212
15 P/F 4" x 4" x 4" dia Plain C.I. branch of the required degree including extra painting to match the colour of the building. (S.I.# 07/P-09)	6 No.	@ 704.20	Each	Rs: 4,225
16 P/F Handle Valve (China). (S.I.# 05/P-17)				
(a) 1/2" dia	2 No:	@ 200.42	Each	Rs: 401
(b) 3/4" dia	2 No:	@ 271.92	Each	Rs: 544
17 S/Fixing Long bib-cock of superior quality with c.p. head 1/2" dia (S.I.#13-a/P-19)	3 No.	@ 1109.46	Each	Rs: 3,328

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary School Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
18 S/Fixing concealed Stop cock of superior quality with c.p. head 1/2" dia.(S.I.# 11-a/P-18)	6 No.	@ 478.28	Each	Rs: 2,870
19 S/Fixing swan type Pillar cock of superior quality with c.p. head 1/2" dia.(S.I.# 16-a/P-19)	2 No.	@ 795.00	Each	Rs: 1,590
20 Providing F.C. pressure pipe with collars (dadex or equivalent) including digging the trenches to required depth and fixing in position & joining with rubber rings i/c testing to water pressure head of 200 feet.(S.I.# 03/P-24)	4" dia 40.00 Rft	@ 188.44	P.Rft	Rs: 7,538
21 Providing Chambers 9" x 6" (inside dimensions) x 24" deep for house maters with 6" thick C.C. 1:3:6 blocks set on 1:6 cement mortar 6" thick C.C. 1:4:8 in foundation, 1/2" thick cement plaster 1:3 to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with hinged cast iron cover and frame 9" x 6" (inside) clear opening (wt: 1 Qr) etc. fixed in cement concrete 1:2:4 including curing excavation back filling & disposal of surplus earth etc. complete. (S.I.# 01/P-20)	12 No.	@ 2582.47	Each	Rs: 30,989.64
22 Add Extra Labor for concealed G.I. Pipe & fittings including making recess in the wall for pipe & making good in the cement mortar etc.complete.(SI # 2/P-12)	(a) 1/2" dia 120.00 Rft	@ 7.82	P.Rft	Rs: 938
(b) 3/4" dia 60.00 Rft	@ 8.45	P.Rft	Rs: 507	
23 Providing G.I.Pipe special & clamps etc i/c fixing, cutting & fitting complete with & i/c the cost of breaking through walls & roof making good etc painting two coat after cleaning the pipe etc. with white zink paint with pigment to match the color of the building and testing with water to pressure head of 200 and handling.(S.I.# 01/P-12)	(a) 1/2" dia 120.00 Rft	@ 73.21	P.Rft	Rs: 8,785
(b) 3/4" dia 60.00 Rft	@ 95.79	P.Rft	Rs: 5,747	
24 Providing R.C.C Pipe with collars classs "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refillig with excavated stuff.(S.I.# 02/P-23)	(a) 6" dia 80.00 Rft	@ 199.25	P.Rft	Rs: 15,940


PROJECT DIRECTOR
 Capacity Building of Teachers
 Training Institutions of M/O Education and
 Training Elementary Schools Teachers in Sindh.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT
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S/Fixing FIBER-GLASS-TANK of approved quality & design & wall thickness as specified i/c the cost of nuts, bolts & fixing in plate form of cement concrete 1:3:6 & making connections for in-let & out-let & over-flow pipes etc. complete. (S.I.NO:3/P-21)

500 Gallon

1	No.	@ 37505.42	Each	Rs: 37,505.42
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SUB-TOTAL (B)	Rs: 175363.8
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PART - B (NON-SCHEDULE ITEMS):

1. Providing and fixing water pumping set 1/2 H.P single phase 220 Volts with 1" x 1-1/4" suction and delivery including making c.c 1:3:6 plateform of required size and fixing with nuts and bolts.(Local Make). (R.A Attached)

1	No.	@	Each	Rs:
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TOTAL (C)	Rs:
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Dr

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary Schools Teachers in Sindh.

DETAIL ESTIMATE OF ELECTRIFICATIONRENOVATION OF DISTRICT EDUCATIONAL
TECHNALOGY RESOURCE CENTER DADU

Sr: No	ITEMS OF WORK	Qty:	Rate	Unit	Amount
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PART - A Schedule items

1	Wiring for light or fan point with 1/1.13 (3/0.29) PVC insulated wire in (3/4") conduit recessed in the wall or Column etc complete.	16	Nos	Rs: 1130.00	Each	18080.00
2	Wiring for plug point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	6	Nos	Rs: 985.00	Each	5910.00
3	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in recessed in the wall etc complete	3	Nos	Rs: 1764.00	Each	5292.00
4	Wiring for mains with 2- 7/0.29 PVC insulated wire in recessed in the wall etc	43.0	Mtr	Rs: 222.00	P Mtr	9546.00
5	Wiring for mains with 2- 7/0.44 PVC insulated wire in recessed in the wall etc	28.0	Mtr	Rs: 341.00	P Mtr	9548.00
6	Wiring for mains with 2- 7/0.64 PVC insulated wire in recessed in the wall etc	38.00	Mtr	Rs: 641.00	P Mtr	24358.00
7	Wiring for plug point with (3/.029) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.129,P-15)	8	Nos	Rs: 910.00	Each	7280.00
8	Wiring for plug point with (3/.029) PVC insulated wire in 20mm 3/4' in channel patti on surface as required. (S.I.No.130,P-15)	4	Nos	Rs: 742.00	Each	2968.00
9	Wiring for call bell point with 1/1.13 (3/0.29) PVC insulated wire in channel patti on sruface as required.	1	Nos	Rs: 1590.00	Each	1590.00
10	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/.029 copper condition in 3/4" dia PVC conduit on surface (S.I.No.3 P-1)	62.00	Mtr	Rs: 171.00	P Mtr	10602.00
11	P/L (MAIN OR SUB MAIN) PVC insulated with size 2-7/.044 (4mm2) copper condition in 3/4" dia PVC conduit on surface (S.I.No.5 P-1)	55.10	Mtr	Rs: 305.00	P Mtr	16805.50
12	Wiring for mains with 2-7/0.29 PVC inslulated wire 1" Dia pVc conduit on surface.	34.00	Mtr	Rs: 603.00	P Mtr	20570.00

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of W/O Education and
Training Elementary Schools Teachers in Sindh.

	ITEMS OF WORK	Qty:	Rate	Unit	Amount
13	Wiring for mains with 4-7/0.64 copper conductor PVC insulated wire 11/2" Dia PVC conduit etc complete.	28.00	Mtr	Rs: 1169.00	P Mtr 32732.00
14	P/F brass batten holder. (S.I.No 232, P-33)	23	Nos	Rs: 70.00	Each 1610.00
15	P/F Bakelite ceiling rose with two terminals. (S.I.No B- 228, P-33)	10	Nos	Rs: 72.00	Each 720.00
16	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP SP(TB - 5S) on prepared board as required.(S. I NO: 203 P/31)	10	Nos	Rs: 916.00	Each 9160.00
17	P/F Circuit Brackers 6,10,15,20,30,40,50,&63 AMP DP(TB - 5S) on prepared board as required.(S.I 204 -P/31)	2	Nos	Rs: 2456.00	Each 4912.00
18	P/F Circuit breaker 15,20,30&100 apms triple pole including fixing as required.	1	Nos	Rs: 9261.00	Each 9261.00
19	P/F Voltmeter size 96/96 mm 500 Volts as required & as per instruction by Engineer in charge.	2	Nos	Rs: 999.00	Each 1998.00
Total Cost of Schedule Items				TOTAL RS:-	192942.50

for


PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary Schools Teachers in Sindh.

ITEMS OF WORK		Qty:	Rate	Unit	Amount
PART-B Non-Schedule Items					
1	P/F 1-40 watts tube light complete with 40 wotts rod,chock,starter complete in all respect.	8	Nos	Rs:	Each
2	Wiring for main with 2-7/0.52 twin core as required.	95.11	Rft	Rs:	P Rft
3	P/F main penal Board double Shutter Accordable Heavy duty Circuit bracket bas bar i/c painting with embalmed painting for other simple has on surface.	1	Nos	Rs:	Each
4	P/F mild steel bar fan clamp 15.8 mm (5/8") dia suitable for R.C.C roof.	3	Nos	Rs:	Each
5	P/F mix metallic switch 2 pin socket and bell push etc complete as required	6	Nos	Rs:	Each
6	P/F mix metallic sheet 2.4.6.8 hole includind frame and PVC board clip switch etc complete as required.	4	Nos	Rs:	Each
7	P/F power plug complete with switch socket 3 pin etc complete as required.	4	Nos	Rs:	Each
8	Providing & fixing A.C. Ceiling fan regulator on S.W. Board as required.	6	Nos	Rs:	Each
9	P/F brass ceiling fan 56" (Good Quality) (S.I.No C 235, P-34)	6	Nos	Rs:	Each
10	P/F fancy bracket light with necessary connection etc complete as required .(L.Q.R)	12	Nos	Rs:	Each
11	Errection of AC ceiling fac i/c wiring of down rod with 1.13mm 3/29 PVC wire	6	Nos	Rs:	Each
12	P/f A.c , D.C Electric bell 200/250volts as required	3	Nos	Rs:	Each
13	P/F 10 amps bell push with fancy gang plate fixed on metal board including connection etc complete as required	4	Nos	Rs:	Each
14	P/F Bracket fan of 18" sweep complete in all respect as required	4	Nos	Rs:	Each
15	P/F Energy Saver 24 watts superior quality an existing holder as required (L.Q.R)	24	Nos	Rs:	Each
Total Cost of Non-Schedule Items				TOTAL RS:-	

PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of Ministry of Education and
Training Elementary Schools Teachers in Sindh.

SUMMARY OF COST

NAME OF WORK:- *REHABILITATION / RENOVATION OF GOVERNMENT ELEMENTARY COLLEGE
OF EDUCATION FOR FEMALE @ BADIN (HOSTEL BLOCK)*

<i>S #</i>	<i>Item of Work</i>	<i>Total Amount</i>
1	Part-A Civil Work (i)	4480330
	Premium % Above/Below	
	Total	
2	Part-A Civil Work (ii) Steel/Iron	1374546
	Premium % Above/Below	
	Total	1374546
3	Part-A Civil Work (iii) Glazed Tiles	2190988
	Total	
4	Part-B (i) (W&S S/F)	176321
	Total	
5	Part-B (ii) (RCC & G.I Pipes)	116060
	Total	
6	Part-C (Electric Schedule)	5495
	Total	
7	Part-D (PHE Schedule)	19600
	Total	
	G.Total	


PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of M/O Education and
Training Elementary Schools Teachers in Sindh

BILL OF QUANTITIES

S #	Description.	Qty.	Rate.	Unit.	Amount.
Name of Work:-		REHABILITATION / RENOVATION OF GOVERNMENT ELEMENTARY COLLEGE OF EDUCATION FOR FEMALE @ BADIN (HOSTEL BLOCK)			

a) Civil Work (i)

1 Dismantling cement concrete reinforcement 1:2:4 (S.I.No.20/P-10).
2928.0 5445.00 %Cft Rs: 159430 /-

2 Dismantling cement concrete Plain 1:2:4 (S.I.No. 19 (c)/P-10).

(a) Dining Hall /Kit: Block

1183.0

(b) Over Roof

1218.0

(c) On Plinth Protection

338.0

Total (a + b + c) =

2739.0 3327.50 %Cft Rs: 91140 /-

3 Scraping ordinary distemper, oil bound distemper or paint on walls. (S.I.No.54(b)/P-13)

a) On Ceiling

4478.0

b) On Wallls

24783.0

c) P/Protection Side

761.0

d) On Chajja

1315.0

Total (a + b + c + d) =

31337.0 226.88 %Sft Rs: 71097 /-

4 Dismantling brick work in cement or lime mortar(S.No.13/P-10)

829.0 1285.63 %Cft Rs: 10658 /-

5 Removing door with chowket (S.I.No: 33 (a)/P-12).

Door

57.0 142.18 P.No: Rs: 8104 /-

6 Removing Window & sky light with chowket (S.I.No: 33 (b)/P-12).

Window

56.00 102.85 P.No: Rs: 5760 /-

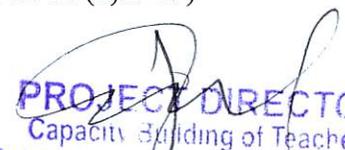
7 R.C.C. work I/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sperately. This rate also I/c all kinds of moulds lifting shuttering curing rendering and finishing the exposedsurface (I/c screening and washing of shingle)(a) R.C.work in roof slab,beams columns rafts lintels and other structural members laid in situe or precast laid in position complete in all respect(I) Ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge.(S.I.No.6ai/P-19).

a) G/Floor

2308.0 337.00 P.Cwt Rs: 777796 /-


PROJECT DIRECTOR
Capacity Building of Teachers
Training Institutions of Government and
Training Elementary Schools Teachers in Sindh.

Description.	Qty.	Rate.	Unit.	Amount.
<u>1st floor</u>				
8 Cement concrete or stone ballast 1-1/2" to 2" gauge ratio 1:5:10. (S.I.No:- 4/P-14).	248.0	349.10	P. Cft Rs:	86577 /-
S.Tank	352.0	8694.95	%Cft Rs:	30606 /-
9 Pacca brick work in foundation & plinth in cement sand mator 1:6 (S.I.NO: 4 ie/P-19).				
S.Tank	707.0	11948.36	%Cft Rs:	84475 /-
10 Pacca brick work in ground floor in cement sand mator ratio 1:6 . (S.I. No.5/P-22)				
a) <u>G.Floor</u>				
Draft wall	47.0	12674.36	%Cft Rs:	5957 /-
b) <u>F.Floor</u>				
Tower	122.0	13112.99	%Cft Rs:	15998 /-
11 Applying floating coat 1/32" thick (S.I.No. 14/P-52)	7153.00	660.00	%Sft Rs:	47210 /-
12 Cement plaster 1:6 upto 12 ft height 1/2" thick. (S.I.No.13-c/P-51)	9403.0	2206.60	%Sft Rs:	207487 /-
13 Cement plaster 1:4 upto 12 ft height 3/8" thick. (S.I.No.11-a/P-51)	9403.0	2197.52	% Sft Rs:	206633 /-
14 Cement concrete plain i/c placing compacting, finishing and curing, complete (i/c screening & washing of stone aggregate without shuttring ratio 1:2:4. (S.I.No.5(f)/P-15).	1183.0	14429.25	%Cft Rs.	170698 /-
15 First class deodar wood wrought joinery in doors and windows etc fixed in position i/c chawkhats, holdfasts hinges, iron tower bolts, handles and cords with hooks etc deodar panelled or panelled and glazed or fully glazed 1-3/4" thick. (S.I.No.7b/P-57) (Shutters).	1083.00	902.93	P.Sft Rs:	977873 /-
16 Galvanized wire gauze fixed to chowkats with 3/4" deodar strips and screws (S.I.No: 14 (d)/P-59)	892.00	190.72	P.Sft Rs:	170122 /-

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Description.	Qty.	Rate.	Unit.	Amount.
17 2" thick CC 1:2:4 topping I/c surface finishing and dividing into panells (S.I.No.16/P-41)	17951.00	3275.50	%Sft Rs:	587985 /-
18 Primary coat of chalk under distemper (S.I.No.23/P-53)	26492.0	442.75	%Sft Rs:	117293 /-
19 Distemping three coats (S.I.No.24/P-53)	26492.0	1079.65	%Sft Rs:	286021 /-
20 Two coats of bitumen laid hot using 34 Lbs for %Sft. Over roof & blinded with sand at one Cft per % Sft (S.I.No.13/P-34)	15020.0	1887.40	%Sft Rs.	283487 /-
21 Painting old surface (c) painting guard bars, gates iron bars gratings, railings I/c standard braccess (etc) and similar open work two coats.(S.I.No.4d/P-68).	1031.00	674.60	%Sft Rs.	6955 /-
22 Painting new surface (c) painting door and windows any type three coats. (S.I.No.4-c/P-67).	2166.00	2116.41	%Sft Rs:	45841 /-
23 Painting old surface (c) painting door and windows any type two coats. (S.I.No.4-c/P-66).	2166.00	1160.06	%Sft Rs.	25127 /-
Total:- Rs:				4480330 /-

a) Civil Work (ii) (Steel/Iron items).

1 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars) (S.I.No:8/P-16).				
(a) <u>RCC x 6.0 / 112</u>	136.92	5001.70	P. Cwt Rs:	684833 /-
(b) <u>RCC x 0.50 / 112</u>	11.41	4820.20	P. Cwt Rs:	54998 /-
2 S/F in position iron/steel grill of 3/4"x1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to be less than 3.7 lbs sq. foot of finished grill (S.I.No. 26/P-92)	652.00	180.50	P.Sft Rs:	117686 /-


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Description.	Qty.	Rate.	Unit.	Amount.
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Providing fixing G.I. frame chowkats of size 7"x2" or 4-1/2"x3" for door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary holds fasts filling with cement sand slurry of ratio 1:6 & repairing the jambs the cost also i/c all carriage tools and plants used making and fixing etc complete.(S.I.No. 29/P-92).

937.00 228.90 P/Rft Rs: 214479 /-

- 4 Providing and fixing G.I frames/Choukhats of zise 7"x2" or 4 1/2" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (S.I.No. 28/P-92)

1258.00 240.50 P.Sft Rs: 302549 /-

Total Rs. 1374546 /-

a) Civil Work (iii) (Glazed Tiles/Marble Tiles)

- 1 Laying floor of approved coloured glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick CM 1:2(S.I.No. 25/P-42)

6959.00 27747.06 % Sft Rs: 1930918 /-

- 2 Glazed tiles dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick i/c finishing (S.I.No.38/P-44)

919.00 28299.30 %Sft Rs: 260071 /-

Total Rs. 2190988 /-

PART- B (i)

- 1 P/F squatting type white glazed earthen ware W.C. pan with I/c cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connections & making good in cement concrete 1:2:4.
(a) W.C. pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank (i) with 4@ dia C.I. trape.(S.I.No.1(b-i)/P-1).

12.00 4802.60 P/No. Rs. 57631 /-

- 2 Providing and fixing 4" x4" x4 dia C.I branch of the required degree with access door. Rubber washer 3/8" thick and bolts & nuts and extra painting to match the colour of the building.(S.I.No.5/P-09)

12.00 702.00 Each Rs. 8424 /-

- 3 S/F Consealed tee-stop cock of superior quality with cp head 1/2" dia (S.I. No.12-b/P-18).

24.00 889.46 P.No Rs. 21347 /-

- 4 Cancealed C.P fitting or superior quality for tiles Bath room (a) S.F concealed bib cock of superior quality with C.P head 1/2" dia (S.I.No.13-a/ P-19).

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Description.	Qty.	Rate.	Unit.	Amount.
	27.00	1109.46	P.No	Rs. 29955 /-

- 5 Supplying & fixing fiber glass tank of approved quality and desing and wall thickness as specified I/c cost of nuts, bolts and fixing in plateform of cement concrete 1:3:6 and making connections for in let out let & over flow inlet outlet flow pipes etc. complete 1000 Galons .(S.I.No.3(d)/P-21)

1.00 58962.94 P.Each Rs. 58963 /-

TOTAL:- Rs: **176321 /-**

PART- B (ii) (RCC & G.I Pipes)

- 1 Providing R.C.C pipes with collars class "B" and digging the trenches to required depth and fixing in position I/c cutting fitting and jointing with maphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavted staff 4" dia R.C.C pipes class "B" (S.I.No.2-b/P-23)

432.00 146.57 P.Rft Rs. 63318 /-

- 2 Providing G.I. Pipes specials and clamps etc I/c fixing cutting & fitting I/c cost of breaking through walls and floor making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match the colour of the building & testing with water to a pressure head of 200 ft: and handling .(S.I.No.1-ii/P-14).

a) 1" Dia.

30.00 116.20 P.Rft Rs. 3486 /-

b) 3/4" Dia.

250.00 86.36 P.Rft Rs. 21590 /-

c) 1/2" Dia.

360.00 73.21 P.Rft Rs. 26356 /-

- 3 P/F handle valves (China) (S.I.No.5-i/P-17).

(a) 1" dia

1.00 365.42 Each Rs. 365 /-

(b) 3/4" dia

2.00 271.92 Each Rs. 544 /-

(c) 1/2" dia

2.00 200.42 Each Rs. 401 /-

TOTAL:- Rs: **116060 /-**

PART- C (Electric Schedule)

- 1 P/F water pimping set 1/2 H.P 2800 RPM single phase 220 volts 1"x1" section and delivery 40 ft head I/c base plaste and also making C.C 1:3:6 form of required size and fixing with nuts (Electric schedule).(S.I.No.10/P-32)(old Schedule)

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Description.	Qty.	Rate.	Unit.	Amount.
stum Pump.	1.00	5494.59	Each.	Rs: 5495 /-
TOTAL:-				RS: 5495 /-

PART 'D' (PHE Schedule)

- 1 Providing PVC Pipes of Class "D" (equivalent) in trenches I/c cutting fitting and jointing with "Z" joints with one rubber ring I/c testing with water to a head of 122 meters or 400 feet (25 mm) 1" dia (S.I.No.3/P-23).

Bore to Motor	700.00	28.00	P.Rft	Rs:	19600 /-
TOTAL:-				RS:	19600 /-
Grand Total					8363340


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SUMMARY OF COST

NAME OF WORK:- **REPAIR & REHABILITATION DISTRICT EDUCATION TECHNOLOGY
RESOURCE CENTRE BADIN (DETRC).**

<i>S #</i>	<i>Item of Work</i>	<i>Total Amount</i>
1	Part-A Civil Work (i)	3227980
	Premium	
	Total	
2	Part-A Civil Work (ii) Steel/Iron	351841
	Premium	
	Total	
3	Part-A Civil Work (iii) Glazed Tiles	2227401
	Premium	
	Total	
4	Part-B (RCC & G.I Pipes)	168074
	Total	
5	Part-C (Electric Schedule)	10989
	Total	
	G.Total	


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Bill Of Quantities

Name of Work:-

**REPAIR & REHABILITATION DISTRICT EDUCATION TECHNOLOGY
RESOURSE CENTRE BADIN (DETRC).**

S #	Description.	Qty.	Rate.	Unit.	Amount.
<u>a) Civil Work (i)</u>					
1	Dismantling cement concrete plain 1:2:4 (S.I.No. 19 (c)/P-10)	<u>2163.0</u>	3327.50	%Cft	Rs: 71974 /-
2	Removing Cement or lime plaster (S.No.53/P-13)	<u>3228.0</u>	121.00	%Sft	Rs: 3906 /-
3	Dismantling cement concrete plain 1:2:4(S.I.No.20/P-10)	<u>66.0</u>	5445.00	%Cft	Rs: 3594 /-
4	Excavation in foundation of building briges and other structure I/c dagbelling dreesing around the structure with excavated earth watering a dramming lead upto one chain and lift upto 5 feet.(S.I.No.18/p-4).	<u>38.0</u>	3176.25	%0Cft	Rs. 121 /-
5	Pacca brick work in foundation & plinth in cement sand marmor 1:6 (S.I.NO: 4 ie/P-19).	<u>865.0</u>	11948.36	%Cft	Rs: 103353 /-
6	Cement concrete or stone ballast 1-1/2" to 2" gauge ratio 1:5:10. (S.I.No:- 4/P-14).	<u>75.0</u>	8694.95	%Cft	Rs: 6521 /-
7	R.C.C. work I/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sperately. This rate also I/c all kinds of moulds lifting shuttering curing rendering and finishing the exposedsurface (I/c screening and washing of shingle)(a) R.C.work in roof slab,beams columns rafts lintels and other structural members laid in situe or precast laid in position complete in all respect(I) Ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge.(S.I.No.6ai/P-19).	<u>941.0</u>	337.00	P. Cwt	Rs: 317117 /-
8	Pacca brick work in other than building I/c stricking of joints in cement sand ratio 1:6.(S.I.No. 7/P-21).	<u>1154.0</u>	12346.65	%Cft	Rs: 142480 /-
9	Cement plaster 1:6 upto 12 ft height 1/2" thick. (S.I.No.13-c/P-51)				

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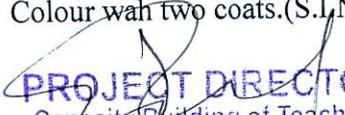
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#	Description.	Qty.	Rate.	Unit.	Amount.
		10936.0	2206.60	%Sft	Rs: 241314 /-
10	Pacca brick work in ground floor in cement sand mortar ratio 1:6 . (S.I. No.5/P-22)	405.0	12674.36	%Cft	Rs: 51331 /-
11	Cement plaster 1:4 upto 12 ft height 3/8" thick. (S.I.No.11-a/P-51)	10936.0	2197.52	% Sft	Rs: 240321 /-
12	Cement pointing struck of joints on wall ratio 1:2.(S.I.No. 19/P-52).	1756.00	1287.44	%Sft	Rs: 22607 /-
13	Filling watering and ramming earth under floor new earth from excavated outside lead upto one chain and lift upto 5" feet.(S.I.No.22/p-5).	37532.00	3630.00	%0Cft	Rs: 136241 /-
14	Extra lead for Six (6) Miles	37532.00	771.96	%Cft	Rs: 289732 /-
15	Cement plaster 1:4 upto 12' height 3/4" thick.(S.I.No:11-c/51)	220.0	3015.76	%Sft	Rs: 6635 /-
16	Extra labour rate for making cement plaster pattas/bend width not less then 6" wide with fine finishing as directed by Engineer Incharge.	1024.0	19.36	P.Rft	Rs: 19825 /-
17	First class deodar wood wrought joinery in doors and windows etc fixed in position I/c chawkhats, holdfasts hinges, iron tower bolts, handles and cords with hooks etc deodar panelled or panelled and glazed or fully glazed 1-3/4" thick. (S.I.No.7b/P-57) (Shutters).	157.00	902.93	P.Sft	Rs: 141760 /-
18	P/L 2" thick CC 1:2:4 topping I/c surface finishing and dividing into panells (S.I.No.16/P-41) (A) 2" Thick				

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#	Description.	Qty.	Rate.	Unit.	Amount.
		9022.0	3275.50	%Sft	Rs: 295516 /-
	(B) 3" Thick	4650.0	4411.82	%Sft	Rs: 205150 /-
19	Galvanized wire gauze fixed to chowkats with 3/4" deodar strips and screws.	543.00	190.72	P.Sft	Rs: 103561 /-
20	Two coats of bitumen laid hot using 34 Lbs for %Sft. Over roof & blinded with sand at one Cft per % Sft (S.I.No.13/P-34)	9022	1887.40	%Sft	Rs. 170281 /-
21	Rubbing & polishing old mosaic floor (S.I.No.26/P-42).	616.00	1228.92	%Sft	Rs. 7570 /-
22	Making & fixing barbed wire fencing i/c R.C.C posts upto 4 and cross wires (S.I.No.07/P-94).	879.00	25283.35	%Sft	Rs. 222241 /-
23	Scraping ordinary distemper, oil bound distemper or paint on walls. (S.I.No.54(b)/P-13)	14145.0	226.88	%Sft	Rs: 32092 /-
24	Primary coat of chalk under distemper (S.I.No.23/P-53)	3016.0	442.75	%Sft	Rs: 13353 /-
25	Distemping three coats (S.I.No.24/P-53)	3016.0	1079.65	%Sft	Rs: 32562 /-
26	White washing two coats.(S.I.No:26/P-53).	5534.0	829.95	% Sft	Rs: 45929 /-
27	Colour wah two coats.(S.I.No.25/P-53)	6335.0	859.90	% Sft	Rs: 54475 /-


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S #	Description.	Qty.	Rate.	Unit.	Amount.
28	Distempering two coats (S.I.No.24-b/P-53)	14145.0	1043.90	%Sft	Rs: 147660 /-
29	Painting new surface (c) painting door and windows any type three coats. (S.I.No.4-c/P-67).	314.00	2116.41	%Sft	Rs: 6646 /-
30	Painting old surface (c) painting door and windows any type two coats. (S.I.No.4-c/P-66).	2548.0	1160.06	%Sft	Rs. 29558 /-
31	Painting old surface (c) painting guard bars, gates iron bars gratings, railings I/c standard braccess (etc) and similar open work two coats.(S.I.No.4d/P-68).	217.0	674.60	%Sft	Rs. 1464 /-
G.Total:-					Rs: 3166889 /-

a) Civil Work (ii) (Steel/Iron items).

- 1 Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars) (S.I.No:8/P-16).
- (a) RCC x 5.0 / 112
- | | | | | |
|-------|---------|--------|-----|-----------|
| 42.00 | 5001.70 | P. Cwt | Rs: | 210071 /- |
|-------|---------|--------|-----|-----------|
- (b) RCC x 0.50 / 112
- | | | | | |
|------|---------|--------|-----|----------|
| 4.20 | 4820.20 | P. Cwt | Rs: | 20245 /- |
|------|---------|--------|-----|----------|
- 2 P/F iron steel grill door with angle iron frame of 1 1/2"x 1 1/2"x 1/4" and flat iron of 3/4"x1/4" with approved design and locking arrangement embeded in Masonary as per instructions of Engineer Incharge. (S.I.No. 31/P-93)
- | | | | | |
|--------|--------|-------|-----|----------|
| 244.00 | 231.60 | P.Sft | Rs: | 56510 /- |
|--------|--------|-------|-----|----------|
- 3 M/F steel grated door with 1/16" thick sheeting I/c angle iron frame 2"x2"x3/8"&3/4" square bars 4" centre to centre with locking arrangement.(S.I.No. 24/P-91).
- | | | | | |
|------|--------|--------|-----|----------|
| 60.0 | 726.72 | P.Sft. | Rs: | 43603 /- |
|------|--------|--------|-----|----------|
- 4 (i) Stair railing (Window Goala) (S.I.No: 30 (a)/P-61).
- | | | | | |
|-------|--------|-------|-----|---------|
| 20.00 | 375.78 | P/Rft | Rs: | 7516 /- |
|-------|--------|-------|-----|---------|
- ii Stair railing (S.I.No: 30 /P-93).


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#	Description.	Qty.	Rate.	Unit.	Amount.
		60.00	231.60	P/Rft	Rs: 13896 /-
Total Rs.					351841 /-

a) Civil Work (iii) (Glazed Tiles/Marble Tiles)

- 1 Laying White Marble flooring fine dressd on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints (S.I.No. 28/P-42)
- 1730.0 567.48 P.Sft Rs: 981740 /-
- 2 P/F 3/8" thick marble tiles of approved quality and colour and shades size 8" x 4"x/6" x 4" in dado stricking anf facing removal /trucking of existing Plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry. curring, cleaning, finishing and (I) for new Work (S.I.No. 68/P-48)
- 164.00 186.04 P.Sft Rs: 30511 /-
- 3 Laying floor of approved coloured glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick CM 1:2(S.I.No. 25/P-42)
- 2515.00 27747.06 % Sft Rs: 697839 /-
- 4 Glazed tiles dado 1/4" thick laid in pigment over 1:2 cement sand mortor 3/4" thick i/c finishing (S.I.No.38/P-44)
- 1828.0 28299.30 %Sft Rs: 517311 /-
- Total Rs. 2227401 /-**

PART- B (i)

- 1 P/F squatting type white glazed earthen ware W.C. pan with I/c cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connections & making good in cement concrete 1:2:4. (a) W.C. pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank (i) with 4@ dia C.I. trape.(S.I.No.1(b-i)/P-1).
- 15.00 4802.60 P/No. Rs. 72039 /-
- 2 P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning designe with a C.I screwed down grating with or without a vent arm complete with & I/c making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (S.I.No. 20/P-6).
- 15.00 2024.43 P.No Rs. 30366 /-
- 3 Providing and fixing 4" dia C.I Soil & vent pipes I/c cutting and fitting and extra painting

S #	Description.	Qty.	Rate.	Unit.	Amount.
	to match the colour of building (S.I.No.1/P-09)				
		24.00	333.29	P.Rft Rs.	7999 /-
4	Providing and fixing 4" Dia C.I terminal guard I/c extra painting to match the colour of the building.(S.I.No.11/P-10)				
		3.00	389.70	Each Rs.	1169 /-
5	Providing and fixing 4" x4" x4 dia C.I branch of the required degree with access door. Rubber washer 3/8" thick and bolts & nuts and extra painting to match the colour of the building.(S.I.No.5/P-09)				
		3.00	702.60	Each Rs.	2108 /-
6	S/F Consealed tee-stop cock of superior quality with cp head 1/2" dia (S.I. No.12-b/P-18).				
		15.00	889.46	P.No Rs.	13342 /-
7	Consealed C.P fitting or superior quality for tiles Bath room (a) S.F concealed bib cock of superior quality with C.P head 1/2" dia (S.I.No.13-a/ P-19).				
		17.00	1109.46	P.No Rs.	18861 /-
8	P/F handle valves (China) (S.I.No.5-i/P-17).				
	<u>1/2" dia</u>				
		1.00	200.42	Each Rs.	200 /-
9	Supplying & fixing fiber glass tank of approved quality and desing and wall thickness as specified I/c cost of nuts, bolts and fixing in plateform of cement concrete 1:3:6 and making connections for in let out let & over flow inlet outlet flow pipes etc. complete .(S.I.No.3(a)/P-21)				
		1.00	21989.61	P.Each Rs.	21990 /-
TOTAL:-					Rs: 168074 /-

PART- B (ii) (RCC & G.I Pipes)

- 1 Providing R.C.C pipes with collars class "B" and digging the trenches to required depth and fixing in position I/c cutting fitting and jointing with maphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavated staff 6" dia R.C.C pipes class "B" (S.I.No.2-d/P-23)
- 550.0 250.60 P.Rft Rs. 137830 /-
- 2 Providing G.I. Pipes specials and clamps etc I/c fixing cutting & fitting I/c cost of breaking through walls and floor making good etc painting two coats after clearing

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S #	Description.	Qty.	Rate.	Unit.	Amount.
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the pipe etc with white zink paint with pigment to match the colour of the building & testing with water to a pressure head of 200 ft: and handling. (S.I.No.1-ii/P-14).

a) 3/4" Dia. 1250.00 86.36 P.Rft Rs. 107950 /-

b) 1/2" Dia. 700.00 73.21 P.Rft Rs. 51247 /-

c) 1" Dia. 200.00 116.20 P.Rft Rs. 23240 /-

3 P/F handle valves (China) (S.I.No.5-i/P-17).

a) 1/2" dia 4.00 200.42 Each Rs. 802 /-

b) 3/4" dia 4.00 271.92 Each Rs. 1088 /-

c) 1" dia 2.00 365.42 Each Rs. 731 /-

TOTAL:- Rs: 322887 /-

PART- C

1 P/F water pimping set 1/2 H.P 2800 RPM single phase 220 volts 1"x1" section and delivery 40 ft head l/c base plate and also making C.C 1:3:6 form of required size and fixing with nuts (Electric schedule).(S.I.No.10/P-32)(old Schedule)

2.00 5494.59 Each. Rs: 10989 /-

TOTAL:- Rs: 10989 /-

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for

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Government In- Service
Teachers Training Centre Latifabad Hyderabad**

BIDDING DOCUMENTS

VOLUME 1

SPPRA BIDDING DOCUMENT

STANDARD FORM OF BIDDING DOCUMENT

FOR

PROCUREMENT OF WORKS

(For Contracts (Small) amounting between Rs.2.5 million to Rs.50 million)

INSTRUCTIONS TO PROCURING AGENCIES

INSTRUCTIONS TO PROCURING AGENCIES
(Not to be included in Bidding Documents)

A. Basis of Documents

These Documents have been prepared as a global document intended to be used by different agencies/users according to their requirements. This document is envisaged for National Competitive Bidding (NCB), meant for use for Works costing not more than Rs. 25 Million. These documents may be tailored according to the scope of works as well as in case of contracts on International Competitive Bidding (ICB) basis, funded by international financial institutions/donors, with payments in foreign currencies. Procuring agencies are then to tailor the relevant clauses to suit their requirements including appropriate modifications in the relevant sections of the documents in the light of SPPRA Bidding Documents for Large Works.

The Procuring Agency is expected to manage the Contract itself. The role of Engineer may be added by the Procuring Agency, if the Procuring Agency wishes to engage a consultant. The role of the Engineer with specific delegated powers under various clauses of Instructions to Bidders such as clarifications of Bid Documents, Amendment of Bid Documents, evaluation of Bids etc. and to administer the Contract under various clauses of Conditions of Contract should have been specified. The Procuring Agency will be required to set out in the specifications and drawings the full scope of work including the extent of design to be done by the Contractor, if any.

B. Contents of Documents

As stated in Clause IB.4 of Instructions to Bidders, the complete Bidding Documents in addition to Invitation for Bids shall comprise items listed therein including any addendum to Bidding Documents issued in accordance with IB.6. The Standard Form of Bidding Documents (for Small Contracts) includes the following:

1. Instructions to Bidders & Bidding Data
2. Form of Bid & Schedules to Bid
3. Conditions of Contract & Contract Data
4. Standard Forms
5. Specifications
6. Drawings, if any

In addition, Instructions to procuring agencies are also provided at various locations of this document within parenthesis or as a Note(s). Procuring agencies are expected to edit or finalise this document accordingly, by filling in all the relevant blank spaces and forms as per the scope of the work, deleting all notes and instructions intended to help the bidders.

The procuring agency is required to prepare the following for completion of the Bidding Documents:

- (i) Invitation for Bids



- (ii) Bidding Data
- (iii) Schedules to Bid (Samples)
- (iv) Schedule of Prices (Format)
- (v) Contract Data
- (vi) Specifications
- (vii) Drawings, if any

The Procuring agency's attention is drawn to the following while finalizing the Bidding Documents.

C. Notice Inviting Tender/ Invitation for Bids/ Request for Expression of Interest

The Notice Inviting Tender is meant for publication of tenders for calling bids in the newspapers and SPPRA Website.

The blank spaces wherever shown are required to be filled by the Procuring Agency before issuance of Bidding Documents.

The Procuring Agency may modify para 1 of Notice Inviting Tender as per its requirements. The notice should be published so as to give the interested bidders sufficient working period for preparation and submission of bids – not less than 15 days for National Competitive Bidding and 45 days for International Competitive Bidding (SPP Rule 18).

1. The eligible bidders are defined in IB.2; the text can be amended by the Procuring Agency as deemed appropriate.
2. The non-refundable fee for the sale of Bidding Documents should be nominal so as to cover printing/reproduction and mailing costs and to ensure that only bona-fide bidders shall apply (SPP Rule 20).
3. The amount of Bid Security should be a lump sum figure or a percentage, but not less than 1% and more than 5% of bid price and should be in accordance with IB.13.1 (SPP Rule 37).
4. If the venue of receipt of bids and the opening of bids is the same, the times for receipt and opening of bids are to be entered in last Para of the Notice Inviting Tender, otherwise indicate the name, address and exact location for the opening of bids. However the date for the receipt and the opening of bids shall be same (SPP Rule 41).

D. Instructions to Bidders

These Instructions to Bidders will not be part of Contract and will cease to have effect once the Contract is signed along with Bidding Data.

The Instructions to Bidders can be used as given. Procuring agency may have to make changes under Bidding Data.

The Procuring Agency's or Engineer's Representative, if any, shall exercise powers of the Engineer/Procuring Agency under and in connection with Clauses IB.5, IB.6, IB.16, etc. In

If an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly to specify the role of the Engineer by the Procuring Agency, otherwise the Engineer's reference wherever exist, except Sub-Clause 1.1.20 & Clause 15 of Conditions of Contract and Item 1.1.20 of Contract Data, shall be deleted.

E. Bidding Data

The blank spaces wherever shown in Bidding Data are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Contents of IB.10.3 may be retained or modified by the Procuring Agency.
2. Procuring Agency should insert required experience in IB.11.2.
3. Referring to IB.14.1, the period of bid validity may range from 30 to 90 days depending upon the size and nature of the works. Number of days shall be filled in as per Procuring Agency's requirements.
4. Contents of IB.16.3 to IB.16.8 may be retained or modified by the Procuring Agency in accordance with its requirements.

F. Schedules to Bid

Specimen of Schedules to Bid including format of Schedule of Prices are provided in this document. The Procuring Agency may add/delete/modify as per its requirement.

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents except those required to be provided by the Contractor.

G. Conditions of Contract

The procuring agency while preparing Contract Data, shall ensure that no Clause of Conditions of Contract is deleted and that the changes included in Contract Data shall be such as not to change the spirit of the document. Any adjustment or change in clauses of Conditions of Contract to meet specific project features shall be made with care and incorporated in Contract Data.

H. Contract Data

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Referring to Sub-Clause 1.1.1 of Conditions of Contract, the Engineer/Procuring Agency may add, in order of priority, such other documents as to form part of the Contract, in Sub-Clause 1.3 of the Contract Data.
2. The Procuring Agency's Representative, if any, shall exercise powers of the Procuring Agency under and in connection with Sub-Clauses 1.3, 2.3, 4.2, 4.3, 5.1, 7.3, 8.2, 9.1, 9.2, 10.1, 10.2, 10.5, 11.1, 11.5, 12.1, 13.2 and 14.1 of the Conditions of Contract. In case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly by the Procuring Agency.

The sum insured for different insurances including minimum amount of third party insurance should be assessed by the Engineer/Procuring Agency and entered in Contract Data. Such insurance cover shall be carried out with Insurance Company having at least AA rating from PACRA / JCR in the favour of the procuring agency.

4. The time for completion of the whole of the works should be assessed by the Engineer/Procuring Agency and entered in the Contract Data.
5. The Conditions of Contract contain no overall limit on the Contractor's liability. The amount of **liquidated damages** per day of delay shall be entered by the Engineer/Procuring Agency in Contract Data. Usually the liquidated damages are set between **0.05 percent and 0.10 percent per day and the maximum limit as 10 percent of contract price stated in the Letter of Acceptance.**
6. Any amendment and/or additions to the Conditions of the Contract that are specific to a given Bid/Contract should be included by the Procuring agency. This may include but not be limited to the provisions regarding the following:
 - a) Terms of Payment should be prepared and incorporated in Contract Data by the Engineer/Procuring Agency.
 - b) The Engineer/Procuring Agency to make sure that all taxes and duties are included by the Bidders/Contractors in their prices.

I. Specifications

To be prepared and incorporated by the Engineer/Procuring Agency

J. Drawings

To be prepared and incorporated by the Engineer/Procuring Agency, if required.

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INVITATION FOR BIDS

NO.PMU-CIDA/NIT/2017
PROJECT MANAGEMENT UNIT
CAPACITY BUILDING OF TEACHER TRAINING INSTITUTIONS
& TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH
GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT

Karachi dated: 1st March 2017

NOTICE INVITING TENDERS

Sealed tenders are invited as per SPPRA Rules 2010 (Amended 2013) from the interested contractors/ companies/ firms/ JV Firms on Standard Bidding Documents (SBD) for procurement of the following works:

<i>S.#</i>	<i>Name of work</i>	<i>Estimated Cost (in million)</i>	<i>Earnest Money 5% (in million)</i>	<i>Tender Fee</i>	<i>Completion period</i>
	<u>Renovation and Rehabilitation of Govt. Elementary Colleges</u>				
1.	Government In- Service Teacher Training Centre Latifabad Hyderabad	6	0.3	3000	02 months
2	Divisional Educational Technology Resource Center Sanghar	5	0.25	3000	02 months
3	Divisional Educational Technology Resource Center Badin	6.5	0.325	3000	02 months
4	Government Elementary College of Education BADIN (Hostel Block)	8.5	0.425	3000	02 months
5	Divisional Educational Technology Resource Center Dadu	5.6	0.28	3000	02 months
6	Government College of Education F.B. Area	8	0.4	3000	02 months

PROGRAMME FOR ISSUE/ RECEIPT AND OPENING OF TENDERS

<i>S.#</i>	<i>Particulars</i>	<i>1st Attempt</i>	<i>In case of un-responded works 2nd Attempt</i>
1.	Date of issue	03-03-2017	23-03-2017
2.	Date of opening	22-03-2017	12-04-2017

TERMS & CONDITIONS OF THE TENDERS

1. A complete set of bidding documents may be purchased (in shape of pay order) with effect from 03-03-2017 upto 21-03-2017 (1st Attempt) & from 23-03-2017 upto 11-04-2017 (in case of un-responded/ 2nd attempt) by interested bidders on submission of written application to the undersigned.
2. No conditional tenders will be entertained.
3. Sealed bids accompanied with the earnest money as mentioned against each, in shape of Pay Order must be submitted in the office of undersigned on or before 22-03-2017 upto 3:30 p.m. (1st Attempt) & on 12-04-2017 upto 3.30 p.m. (in case of un-responded/ 2nd attempt)

Bids will be opened by the Procurement Committee of "Capacity Building of Teachers Training Institutions & training of Elementary School Teachers in Sindh – CIDA" in the presence of bidders'/ representatives of bidders on 22-03-2017 4:00 p.m.(1st Attempt) & 12-04-2017 at 4.00 p.m. (in case of un-responded/ 2nd attempt) in the **committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.**

5. The competent authority reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules, 2010. (Amended 2013)
6. In case of holiday the tenders/bids would submit and open on the next working day and time.
7. Eligibility condition of intending participants are as under:
 - a. Registration with Pakistan Engineering Council in Category C-6 or above having valid license with civil and allied electrical codes.
 - b. Registration with Sindh Revenue Board.
 - c. Bio Data of Engineers and Technical staff working with the firm (for engineers their PEC certificate must be attached).
 - d. Documentary evidence of similar works executed and certificate of satisfactory completion of works by the employees. Particularly same nature of works.
 - e. List of work in progress indicating cost of each work and copy and letter of award of work.
 - f. List of Machinery and equipments available with documentary evidence of its ownership or hired with rental agreement
 - g. Documentary evidence of financial position, bank statement OR audit report of last 03 years.
8. Registration with Income Tax Department (NTN Certificates) and copy of CNIC.
9. Undertaking on Affidavit that firm is not involved in any litigation or abandoned any work in the department.
10. Affidavit to the effect that the firm contractor have not been black listed previously by any executing agency.
11. Affidavit to the effect that all documents/ particulars/ information furnished, are true & correct.
12. In case of firm/JV Firms, list of partners/ partnership deed/ JV deed, giving full particulars Proprietors or others connected along with power of attorney. In case of being sole Proprietors, such undertaking on Affidavit be furnished.

PROJECT DIRECTOR

**Capacity Building of Teacher Training Institutions &
Training of Elementary School Teachers in Sindh – CIDA
Education & Literacy Department, Govt. of Sindh, Karachi**

INSTRUCTIONS TO BIDDERS & BIDDING DATA

Notes on the Instructions to Bidders

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not normally included in this Section, but rather in the appropriate sections of the *Conditions of Contract* and/or *Contract Data*.

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INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed.*)

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called ~~the~~ Procuring Agency) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as ~~the~~ Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or *Federal/ Provincial /Donor agency or any other source*, which may be indicated accordingly in bidding data towards the cost of the project/scheme.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC .

- b) duly pre-qualified with the Procuring Agency. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) if prequalification has not undertaken , the procuring agency may ask information and documents not limited to following:-
 - (i) company profile;
 - (ii) works of similar nature and size for each performed in last 3/5 years;
 - (iii) construction equipments;
 - (iv) qualification and experience of technical personnel and key site management;

- (v) financial statement of last 3 years;
- (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
3. Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer's/ Procuring Agency's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification

of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

IB.8 Documents Comprising the Bid

- 8.1 The Bid submitted by the bidder shall comprise the following:
 - (a) Offer /Covering Letter
 - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
 - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
 - (d) Bid Security furnished in accordance with IB.13.
 - (e) Power of Attorney in accordance with IB 14.5.
 - (f) Documentary evidence in accordance with IB.2(c) & IB.11
 - (g) Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

IB.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

- 12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Procuring Agency in the Technical Provisions are intended to be descriptive only and not restrictive.

III.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1% and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
- (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them -ORIGINAL and -COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.

16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).

16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency,

provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A). Major (material) Deviations include:-

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

- 16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.

- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

- 17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.
- 17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.
- 17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule 2(q);
- (i) **Coercive Practice** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - (ii) **Collusive Practice** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - (iii) **Corrupt Practice** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - (iv) **Fraudulent Practice** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (v) **Obstructive Practice** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

F. AWARD OF CONTRACT

IB.18. Post Qualification

- 18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided, that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of the IB.18.

- 19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing (~~Letter of Acceptance~~) that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of ----% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

III.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
- (1) Evaluation Report;
 - (2) Form of Contract and letter of Award;
 - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

- 1.1 **Name of Procuring Agency** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

Brief Description of Works _ Repair, Renovation & Rehabilitation of Government In- Service Teachers Training Centre Latifabad Hyderabad

- 5.1 (a) Procuring Agency's address: 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
Phone No: 99217352

- (b) Engineer's address: Mr. Haji Parpio Sahito, Project Engineer, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

- i. Financial capacity: (Documentary evidence of financial position, bank statement OR audit report of last 03 years);
- ii. Technical capacity : *(Firm must be registered with PEC' under category C-6 & above having valid license with civil and allied electrical codes, registered with Sindh Revenue Board & Income Tax department);*
- iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

13.1 (a) A detailed description of the Works, essential technical and performance characteristics.

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

5% Bid Security

14.1 Period of Bid Validity

90 days

14.4 Number of Copies of the Bid to be submitted:

One original plus 01 copy.

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

15.1 Deadline for Submission of Bids

Time: 3.30 PM on 22-03-2017

16.1 Venue, Time, and Date of Bid Opening

1. Venue: Committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.

Time: 4:00 PM Date: 22-03-2017

16.4 Responsiveness of Bids

(i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.

FORM OF BID AND SCHEDULES TO BID

FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____

(Name of Works)

To:

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. _____ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address _____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of _____ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security

referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

in the capacity of _____ duly authorized to sign bid for and on behalf of

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

SCHEDULE – A TO BID

SCHEDULE OF PRICES

<u>Sr. No.</u>		<u>Page No.</u>
1.	Preamble to Schedule of Prices.....	24
2.	Schedule of Prices.....	26
	(a) Summary of Bid Prices	
	(b) Detailed Schedule of Prices /Bill of Quantities (BOQ)	

PREAMBLE TO SCHEDULE OF PRICES

1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the Systeme Internationale d'Unites (SI Units).

(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Procuring Agency).

4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

SCHEDULE - A TO BID

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
- (b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.
- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.
- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

SCHEDULE OF PRICES – SUMMARY OF BID PRICES

Bill No.	Description	Total Amount (Rs)
1	Civil Work	
2	Water Supply & Sanitary Work	
3	Electrification	
	Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).	

CONTRACTOR

**PROJECT DIRECTOR
SETTP-CIDA
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI**

**CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS
&
TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH
(CIDA)**

**REPAIR, RENOVATION & REHABILITATION OF Government In- Service
Teachers Training Centre Latifabad Hyderabad**

BILL OF QUANTITIES

VOLUME-II

SCHEDULE OF PRICES

BILL OF QUANTITIES
VOLUME-II

SCHEDULE - B TO BID

SPECIFIC WORKS DATA

VOLUME-II

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed. (<i>attach evidence</i>)
--	--	--

Note:

In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

SCHEDULE – D TO BID

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

METHOD OF PERFORMING WORKS

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

SCHEDULE – F TO BID

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY CONTRACTORS
(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)**

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

.....
[Procuring Agency]

[Contractor]

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CONDITIONS OF CONTRACT

GENERAL PROVISIONS

Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

- 1.1.1 –Contract~~l~~ means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 –Specifications~~l~~ means the document as listed in the Contract Data, including Procuring Agency's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 –Drawings~~l~~ means the Procuring Agency's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

- 1.1.4 –Procuring Agency~~l~~ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 –Contractor~~l~~ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Agency) any assignee.
- 1.1.6 –Party~~l~~ means either the Procuring Agency or the Contractor.

Dates, Times and Periods

- 1.1.7 –Commencement Date~~l~~ means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 –Day~~l~~ means a calendar day
- 1.1.9 –Time for Completion~~l~~ means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

- 1.1.10 –Cost~~l~~ means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but

does not include any allowance for profit.

Other Definitions

- 1.1.11 ~~Contractor's Equipment~~ means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 ~~Country~~ means the Islamic Republic of Pakistan.
- 1.1.13 ~~Procuring Agency's Risks~~ means those matters listed in Sub-Clause 6.1.
- 1.1.14 ~~Force Majeure~~ means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 Materials means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 ~~Plant~~ means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 ~~Site~~ means the places provided by the Procuring Agency where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 ~~Variation~~ means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 Works means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 ~~Engineer~~ means the person notified by the Procuring Agency to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 Interpretation

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 **Communications**

All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. **THE PROCURING AGENCY**

2.1 **Provision of Site**

The Procuring Agency shall provide the Site and right of access thereto at the times stated in the Contract Data.

Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**

The Procuring Agency shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 **Engineer's/Procuring Agency's Instructions**

The Contractor shall comply with all instructions given by the Procuring Agency or the Engineer, if notified by the Procuring Agency, in respect of the Works including the suspension of all or part of the works.

2.4 **Approvals**

No approval or consent or absence of comment by the Engineer/Procuring Agency shall affect the Contractor's obligations.

3. **ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES**

3.1 **Authorised Person**

The Procuring Agency shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Agency shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

Engineer's/Procuring Agency's Representative

The name and address of Engineer's/Procuring Agency's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Procuring Agency, the delegated duties and authority before the Commencement of works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

4.4 Performance Security

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The

Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Agency shall be responsible for the Specifications and Drawings.

6. PROCURING AGENCY'S RISKS

6.1 The Procuring Agency's Risks

The Procuring Agency's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Agency of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Agency's personnel or by others for whom the Procuring Agency is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Agency a programme for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Agency/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Procuring Agency/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Procuring Agency/Engineer within such period as may be prescribed by the Procuring Agency/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Agency for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 Completion

The Contractor may notify the Engineer/Procuring Agency when he considers that the Works are complete.

Taking-Over Notice

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Procuring Agency/Engineer shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Procuring Agency/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

9. REMEDYING DEFECTS

9.1 Remediating Defects

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Agency, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Agency/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Agency/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Procuring Agency to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

9.2 Uncovering and Testing

The Engineer/Procuring Agency may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. VARIATIONS AND CLAIMS

10.1 Right to Vary

The Procuring Agency/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Procuring Agency/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Agency/Engineer in writing and if the same are not refuted/denied by the Procuring Agency/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Procuring Agency considers appropriate, or
- e) if the Engineer/Procuring Agency so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Procuring Agency/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Agency.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

Early Warning

The Contractor shall notify the Engineer/Procuring Agency in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Procuring Agency being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

Valuation of Claims

If the Contractor incurs Cost as a result of any of the Procuring Agency's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

Procuring Agency's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Agency within fourteen (14) days of the occurrence of cause.

10.6 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Procuring Agency an itemised detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Agency shall check and if possible agree the value. In the absence of agreement, the Procuring Agency shall determine the value.

11. **CONTRACT PRICE AND PAYMENT**

11.1 (a) **Terms of Payments**

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Procuring Agency to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Agency and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Procuring Agency and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Agency to make payment within 90 days then Procuring Agency shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

(b) **Valuation of the Works**

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 **Monthly Statements**

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Procuring Agency a statement showing the amounts to which he considers himself entitled.

11.3 **Interim Payments**

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Procuring Agency shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

11.4 **Retention**

Retention money shall be paid by the Procuring Agency to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 **Final Payment**

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Procuring Agency together with any documentation reasonably required to enable the Procuring Agency to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Procuring Agency shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Agency may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 **Currency**

Payment shall be in the currency stated in the Contract Data.

12. **DEFAULT**

12.1 **Defaults by Contractor**

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Procuring Agency or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Procuring Agency may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Procuring Agency's notice, the Procuring Agency may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Procuring Agency instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

12.2

Defaults by Procuring Agency

If the Procuring Agency fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Procuring Agency's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Procuring Agency's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site.

12.3

Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilise from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Agency instructs in the notice is to be used for the completion of the Works.

12.4

Payment upon Termination

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Agency is entitled,
- c) if the Procuring Agency has terminated under Sub-Clause 12.1 or 12.3, the Procuring Agency shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

13.

RISKS AND RESPONSIBILITIES

13.1

Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care

of the Works from the Commencement Date until the date of the Procuring Agency's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Procuring Agency. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Procuring Agency's Risks, the Contractor shall indemnify the Procuring Agency, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Procuring Agency immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Procuring Agency demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Procuring Agency is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

14. INSURANCE

14.1 Arrangements

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Procuring Agency's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Agency. The Contractor shall provide the Engineer/Procuring Agency with evidence that any required policy is in force and that the premiums have been paid.

14.2 Default

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or

remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. RESOLUTION OF DISPUTES

15.1 Engineer's Decision

If a dispute of any kind whatsoever arises between the Procuring Agency and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Agency (Superintending Engineer) and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Procuring Agency (Superintending Engineer) shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 Notice of Dissatisfaction

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

15.3 Arbitration

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

INTEGRITY PACT

If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Agency shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Contractor any loss or damage to the Procuring Agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Procuring Agency instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Procuring Agency under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

Sub-Clauses of Conditions of Contract

1.1.3 Deleted

1.1.4 **The Procuring Agency** means PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

1.1.5 **The Contractor** means firm to perform services

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 03 months

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

:Mr. Haji Parpio Sahito,

Project Engineer, SETTP-CIDA Education & Literacy Department;
3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

- 2.1 **Provision of Site:** On the Commencement Date
- 3.1 **Authorized person:** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)
- 3.2 **Name and address of Engineer's/Procuring Agency's representative**
Mr. Haji Parpio Sahito, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
- 4.4 **Performance Security:**
Amount 8% (Bid Security 5 % will be considered as performance security)
Validity 12 MONTHS
(Form: As provided under Standard Forms of these Documents)
- 5.1 **Requirements for Contractor's design (if any):**
Specification Clause No's _____
- 7.2 **Programme:**
Time for submission: Within fourteen (14) days of the Commencement Date.
Form of programme: *(Bar Chart/CPM/PERT or other)*
- 7.4 Amount payable due to failure to complete shall be 0.05% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance
- 7.5 **Early Completion**
DELETED.
- 9.1 **Period for remedying defects**
06 MONTHS
- 10.2 (e) **Variation procedures:**
Day work rates (details)
- 11.1 **Terms of Payments**
- a) Mobilization Advance**
- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5th of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) **Secured Advance on Materials**

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
 - (i) The materials are in accordance with the Specifications for the Permanent Works;
 - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
 - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
 - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
 - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
 - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;

- (vii) Secured Advance should not be allowed unless &until the previous advance, if an, fully recovered;
 - (viii) Detailed account of advances must be kept in part II of running account bill; and
 - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
 - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced b making deduction entries in the column; "deduct quantity utilized in work measured since previous bill," equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
 - (ii) value of secured advance on the materials and valuation of variations (if any).
 - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
 - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 *(a) **Valuation of the Works:**
- i) Lump sum price _____ (details), or
 - ii) Lump sum price with schedules of rates _____ (details), or
 - iii) Lump sum price with bill of quantities _____ (details), or
 - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR _____ (details), or/and
 - v) Cost reimbursable _____ (details)

11.3 **Percentage of retention:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Third Party Insurance)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

Rs. 500,000 per person

14.2 **Amount to be recovered**

Premium plus percent (_%).

15.3 **Arbitration****

Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY
(Bank Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Bidder) with
address: _____

Sum of Security (express in words and
figures): _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The Procuring Agency) in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Agency, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY
(Bank Guarantee)**

Guarantee No. _____
Executed on _____
Expiry Date _____

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with

address: _____

Name of Principal (Contractor) with

address: _____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Procuring Agency) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Procuring Agency, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Procuring Agency's above said Letter of Acceptance for _____ (Name of Contract) for the _____

_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall

be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Procuring Agency without delay upon the Procuring Agency's first written demand without cavil or arguments and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Procuring Agency's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Procuring Agency's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

Guarantor (Bank)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the ~~Agreement~~) made on the _____ day of _____ 200 _____ between _____ (hereinafter called the ~~Procuring Agency~~) of the one part and _____ (hereinafter called the ~~Contractor~~) of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz _____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

(Seal)

Signature of the Procuring Agency

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

WHEREAS the _____ (hereinafter called the Procuring Agency) has entered into a Contract for

_____ (Particulars of Contract), with

_____ (hereinafter called the Contractor).

AND WHEREAS the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. _____ Rupees _____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Agency has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails, and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Procuring Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency to the Guarantor, and on such first written demand payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than _____
by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

Guarantor (Scheduled Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the day of
----- -197--"- BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).¹

AND WHEREAS the contractor has applied to the
..... ---- for an advance to him of Rupees -----,
(Rs.) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs.) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E). the said works signed by the contractor
Fin R.Form.17.A
on----- — and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees..... -----
(Rs. -----) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees-
(RF. -----) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

(2) That the materials detailed in the said Running Account Bill (B) which have been

Fin R Form No. 17-A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other

Fin. R. Form No. 17-A

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in *the* execution of the said works in accordance with the directions of the Divisional Officer----- (hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve

percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees -
(Rs.....) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these present PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best :-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer..... Circle whose.....
decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the* ----- on behalf of the
Governor of Sindh and the said..... --have hereunto set
their respective hands and seals the day and first above written.

Signed, sealed and delivered by* In
the presence of

Seal

1st witness 2nd witness

Signed, sealed and delivered by* In
the presence of

Seal

1st Witness 2nd witness

SPECIFICATIONS

[Note for Preparing the Specifications]

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models, and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]

CONDITIONS OF CONTRACT

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Government Divisional
Educational Technology Resource Center Sanghar**

BIDDING DOCUMENTS

VOLUME 1

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

- 1.1 **Name of Procuring Agency** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

Brief Description of Works _ Repair, Renovation & Rehabilitation of Government Divisional Educational Technology Resource Center Sanghar

- 5.1 (a) Procuring Agency's address: 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
Phone No: 99217352

- (b) Engineer's address: Mr. Haji Parpio Sahito, Project Engineer, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

- i. Financial capacity: (Documentary evidence of financial position, bank statement OR audit report of last 03 years);
- ii. Technical capacity : *(Firm must be registered with PEC' under category C-6 & above having valid license with civil and allied electrical codes, registered with Sindh Revenue Board & Income Tax department);*
- iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

5% Bid Security

14.1 Period of Bid Validity

90 days

14.4 Number of Copies of the Bid to be submitted:

One original plus 01 copy.

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

15.1 Deadline for Submission of Bids

Time: 3.30 PM on 22-03-2017

16.1 Venue, Time, and Date of Bid Opening

1. Venue: Committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.

Time: 4:00 PM Date: 22-03-2017

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.

CONTRACT DATA

Sub-Clauses of Conditions of Contract

1.1.3 Deleted

1.1.4 **The Procuring Agency** means PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

1.1.5 **The Contractor** means firm to perform services

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 03 months

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

:Mr. Haji Parpio Sahito,
Project Engineer, SETTP-CIDA Education & Literacy Department;
3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

2.1 **Provision of Site:** On the Commencement Date

3.1 **Authorized person:** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

3.2 **Name and address of Engineer's/Procuring Agency's representative**

Mr. Haji Parpio Sahito, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

4.4 **Performance Security:**

Amount 8% (Bid Security 5 % will be considered as performance security)

Validity 12 MONTHS

(Form: As provided under Standard Forms of these Documents)

5.1 **Requirements for Contractor's design (if any):**

Specification Clause No's _____

7.2 **Programme:**

Time for submission: Within fourteen (14) days of the Commencement Date.

Form of programme: *(Bar Chart/CPM/PERT or other)*

7.4 Amount payable due to failure to complete shall be 0.05% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

7.5 **Early Completion**
DELETED.

9.1 **Period for remedying defects**
06 MONTHS

10.2 (e) **Variation procedures:**

Day work rates (details)

11.1 **Terms of Payments**

a) Mobilization Advance

- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

11.3 **Percentage of retention:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Third Party Insurance)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

Rs. 500,000 per person

14.2 **Amount to be recovered**

Premium plus percent (_%).

15.3 **Arbitration****

Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Divisional Educational
Technology Resource Center Badin**

BIDDING DOCUMENTS

VOLUME 1

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

- 1.1 **Name of Procuring Agency** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

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Phone No: 99217352

(b) Engineer's address: Mr. Haji Parpio Sahito, Project Engineer, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

- i. Financial capacity: (Documentary evidence of financial position, bank statement OR audit report of last 03 years);
- ii. Technical capacity : *(Firm must be registered with PEC' under category C-6 & above having valid license with civil and allied electrical codes, registered with Sindh Revenue Board & Income Tax department);*
- iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

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5% Bid Security

14.1 Period of Bid Validity

90 days

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One original plus 01 copy.

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Time: 3.30 PM on 22-03-2017

16.1 Venue, Time, and Date of Bid Opening

1. Venue: Committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.

Time: 4:00 PM Date: 22-03-2017

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.

CONTRACT DATA

Sub-Clauses of Conditions of Contract

1.1.3 Deleted

1.1.4 **The Procuring Agency** means PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

1.1.5 **The Contractor** means firm to perform services

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 03 months

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

:Mr. Haji Parpio Sahito,
Project Engineer, SETTP-CIDA Education & Literacy Department;
3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

- 2.1 **Provision of Site:** On the Commencement Date
- 3.1 **Authorized person:** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)
- 3.2 **Name and address of Engineer's/Procuring Agency's representative**
Mr. Haji Parpio Sahito, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
- 4.4 **Performance Security:**
Amount 8% (Bid Security 5 % will be considered as performance security)
Validity 12 MONTHS
(Form: As provided under Standard Forms of these Documents)
- 5.1 **Requirements for Contractor's design (if any):**
Specification Clause No's _____
- 7.2 **Programme:**
Time for submission: Within fourteen (14) days of the Commencement Date.
Form of programme: (Bar Chart/CPM/PERT or other)
- 7.4 Amount payable due to failure to complete shall be 0.05% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance
- 7.5 **Early Completion**
DELETED.
- 9.1 **Period for remedying defects**
06 MONTHS
- 10.2 (e) **Variation procedures:**
Day work rates (details)
- 11.1 **Terms of Payments**
- a) **Mobilization Advance**
- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

11.3 **Percentage of retention:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Third Party Insurance)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property
Rs. 500,000 per person

14.2 **Amount to be recovered**

Premium plus percent (_%).

15.3 **Arbitration****

Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

SCHEDULE OF PRICES – SUMMARY OF BID PRICES

Bill No.	Description	Total Amount (Rs)
1	Civil Work	
2	Water Supply & Sanitary Work	
3	Electrification	
	Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).	

CONTRACTOR

**PROJECT DIRECTOR
SETTP-CIDA
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI**

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Government Elementary
College of Education BADIN (Hostel Block)**

BIDDING DOCUMENTS

VOLUME 1

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

- 1.1 **Name of Procuring Agency** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

Brief Description of Works _ Repair, Renovation & Rehabilitation of Government Elementary College of Education BADIN (Hostel Block)

- 5.1 (a) Procuring Agency's address: 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
Phone No: 99217352
- (b) Engineer's address: Mr. Haji Parpio Sahito, Project Engineer, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
- 10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.
- 11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*
- i. Financial capacity: (Documentary evidence of financial position, bank statement OR audit report of last 03 years);
 - ii. Technical capacity : *(Firm must be registered with PEC' under category C-6 & above having valid license with civil and allied electrical codes, registered with Sindh Revenue Board & Income Tax department);*
 - iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

5% Bid Security

14.1 Period of Bid Validity

90 days

14.4 Number of Copies of the Bid to be submitted:

One original plus 01 copy.

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

15.1 Deadline for Submission of Bids

Time: 3.30 PM on 22-03-2017

16.1 Venue, Time, and Date of Bid Opening

1. Venue: Committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.

Time: 4:00 PM Date: 22-03-2017

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.

CONTRACT DATA

Sub-Clauses of Conditions of Contract

1.1.3 Deleted

1.1.4 **The Procuring Agency** means PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

1.1.5 **The Contractor** means firm to perform services

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 03 months

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

:Mr. Haji Parpio Sahito,
Project Engineer, SETTP-CIDA Education & Literacy Department;
3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

- 2.1 **Provision of Site:** On the Commencement Date
- 3.1 **Authorized person:** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)
- 3.2 **Name and address of Engineer's/Procuring Agency's representative**
Mr. Haji Parpio Sahito, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
- 4.4 **Performance Security:**
Amount 8% (Bid Security 5 % will be considered as performance security)
Validity 12 MONTHS
(Form: As provided under Standard Forms of these Documents)
- 5.1 **Requirements for Contractor's design (if any):**
Specification Clause No's _____
- 7.2 **Programme:**
Time for submission: Within fourteen (14) days of the Commencement Date.
Form of programme: *(Bar Chart/CPM/PERT or other)*
- 7.4 Amount payable due to failure to complete shall be 0.05% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance
- 7.5 **Early Completion**
DELETED.
- 9.1 **Period for remedying defects**
06 MONTHS
- 10.2 (e) **Variation procedures:**
Day work rates (details)
- 11.1 **Terms of Payments**
- a) **Mobilization Advance**
- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

11.3 **Percentage of retention:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Third Party Insurance)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

Rs. 500,000 per person

14.2 **Amount to be recovered**

Premium plus percent (_%).

15.3 **Arbitration****

Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

SCHEDULE OF PRICES – SUMMARY OF BID PRICES

Bill No.	Description	Total Amount (Rs)
1	Civil Work	
2	Water Supply & Sanitary Work	
3	Electrification	
	Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).	

CONTRACTOR

**PROJECT DIRECTOR
SETTP-CIDA
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI**

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Divisional Educational
Technology Resource Center Dadu**

BIDDING DOCUMENTS

VOLUME 1

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

- 1.1 **Name of Procuring Agency** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

Brief Description of Works _ Repair, Renovation & Rehabilitation of Divisional Educational Technology Resource Center Dadu

5.1 (a) Procuring Agency's address: 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
Phone No: 99217352

(b) Engineer's address: Mr. Haji Parpio Sahito, Project Engineer, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

- i. Financial capacity: (Documentary evidence of financial position, bank statement OR audit report of last 03 years);
- ii. Technical capacity : *(Firm must be registered with PEC' under category C-6 & above having valid license with civil and allied electrical codes, registered with Sindh Revenue Board & Income Tax department);*
- iii. Construction Capacity: *(mention the names and number of equipments required for the work).*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

5% Bid Security

14.1 Period of Bid Validity

90 days

14.4 Number of Copies of the Bid to be submitted:

One original plus 01 copy.

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

15.1 Deadline for Submission of Bids

Time: 3.30 PM on 22-03-2017

16.1 Venue, Time, and Date of Bid Opening

1. Venue: Committee room of Education & Literacy Department, 3rd floor old KDA building, Sindh Secretariat No.3, Karachi.

Time: 4:00 PM Date: 22-03-2017

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.

CONTRACT DATA

Sub-Clauses of Conditions of Contract

1.1.3 Deleted

1.1.4 **The Procuring Agency** means PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)

1.1.5 **The Contractor** means firm to perform services

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** 03 months

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

:Mr. Haji Parpio Sahito,
Project Engineer, SETTP-CIDA Education & Literacy Department;
3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.

1.3 **Documents forming the Contract listed in the order of priority:**

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- (c) The completed Form of Bid
- (d) Contract Data
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- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

- 2.1 **Provision of Site:** On the Commencement Date
- 3.1 **Authorized person:** PROJECT DIRECTOR (CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS & TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH (CIDA)
- 3.2 **Name and address of Engineer's/Procuring Agency's representative**
Mr. Haji Parpio Sahito, 3rd floor, Sindh Secretariat No.3, old KDA Building, Karachi.
- 4.4 **Performance Security:**
Amount 8% (Bid Security 5 % will be considered as performance security)
Validity 12 MONTHS
(Form: As provided under Standard Forms of these Documents)
- 5.1 **Requirements for Contractor's design (if any):**
Specification Clause No's _____
- 7.2 **Programme:**
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Form of programme: *(Bar Chart/CPM/PERT or other)*
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DELETED.
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06 MONTHS
- 10.2 (e) **Variation procedures:**
Day work rates (details)
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Premium plus percent (_%).

15.3 **Arbitration****

Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

SCHEDULE - A TO BID

SCHEDULE OF PRICES - SUMMARY OF BID PRICES

Bill No.	Description	Total Amount (Rs)
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PROJECT DIRECTOR
SETTP-CIDA
EDUCATION & LITERACY DEPARTMENT
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CONTRACTOR

CAPACITY BUILDING OF TEACHERS TRAINING INSTITUTIONS

&

TRAINING OF ELEMENTARY SCHOOL TEACHERS IN SINDH

(CIDA)

**REPAIR, RENOVATION & REHABILITATION OF Government College of
Education F.B. Area**

BIDDING DOCUMENTS

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Phone No: 99217352

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Place of Arbitration: Local Jurisdiction (Place of Performing Work/Contract)

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CONTRACTOR

**PROJECT DIRECTOR
SETTP-CIDA
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI**