



H. No. 154, St. No. 37, F-10/1, Islamabad – Pakistan. Ph: 0092-51-2112749 Fax: 0092-51-2112691

Ref. No: Education/Comprehensive/2014/05

Date: 07th August, 2014

To:

Project Director,  
PMIU, Education & Literacy Department,  
Clifton - Karachi.

Subject: **BID VALIDITY**

Establishment of Comprehensive High Schools in Sindh (Investigation, Design, Supply & Installation of Light Gauge Cold Formed Galvanized Steel Structures – Turnkey Project) at Sujawal, Thatta & Badin (Package-A)

Dear Sir,

With reference to the letter issued dated: 05-08-2014 M/s Asian Construction Company where Sindh-SPPRA rules and provision under Clause: 38 'Bid Validity' are invoked, requesting us to extend our Bid validity period.

We hereby, agreed to extend the bid validity period and shall extend the validity of our bid security up for the extended period.

WITH REGARDS,

For and on behalf of Asian Construction Company (ACC).

  
AMIR HUSSAIN

Authorized Representative (M/s ASIAN CONSTRUCTION COMPANY)



Put up

2.  
8/8

8/8

Pl. immediately.



O.S / Asst



H. No. 154, St. No. 37, F-10/1, Islamabad - Pakistan. Ph: 0092-51-2112749 Fax: 0092-51-2112691

Ref. No: Education/Comprehensive/2014/06

Date: 07th August, 2014

To:

Project Director,  
PMIU, Education & Literacy Department,  
Clifton - Karachi.

Subject: **BID VALIDITY**

Establishment of Comprehensive High Schools in Sindh (Investigation, Design, Supply & Installation of Light Gauge Cold Formed Galvanized Steel Structures - Turnkey Project) at Hyderabad, Matiari, Kotri (Package-B)

Dear Sir,

With reference to the letter issued dated: 05-08-2014 M/s Asian Construction Company where Sindh-SPPRA rules and provision under Clause 'Bid Validity' are invoked, requesting us to extend our Bid validity period.

We hereby, agreed to extend the bid validity period and shall extend the validity of our bid security up for the extended period.

WITH REGARDS,

For and on behalf of Asian Construction Company (ACC).

AMIR HUSSAIN



Authorized Representative (M/S ASIAN CONSTRUCTION COMPANY)

Put up

21/8

21/8

Pl. put up earlier

O.S/Asst.

Ref. No: EDU/Comp-B/3-14/46  
Date: 06<sup>th</sup> August, 2014

To:

**Project Director,**  
PMIU, Education & Literacy Department,  
61/I, Block-9, Clifton - Karachi.

Subject:

**ACCEPTANCE OF BID VALIDITY**

Establishment of Comprehensive High Schools in Sindh (Investigation, Design, Supply & Installation of Light Gauge Cold Formed Galvanized Steel Structures – Turnkey Project) at Hyderabad, Matiari, Kotri (Package-B)

Dear Sir,

In response to letter dated: 05-08-2014 issued to KAPEC Pvt.Ltd as per Sindh Public Procurement Regularity Authority (SPPRA) rules and provision under Clause: 38 'Bid Validity' where you have requested M/s Kapec Pvt.Ltd to extend its Bid validity period.

We are agreed to extend the bid validity period and in this connection shall also extend the validity of our bid security up to the extended period, if needed. We shall also abide by the rules as per SPPRA in this regard.

Best regards,

**Muhammad Aslam Malik**  
Authorized Representative  
KAPEC Pvt.Ltd



Cc: Project Manager, EA-Consultant, DHA-Karachi.

Put up

7/8

D1/0 Pl. put up for m.g.



O.S/Asst

Ref. No: Education/Comprehensive/2014/07

Date: 07th August, 2014

To:

Project Director,  
PMIU, Education & Literacy Department,  
Clifton - Karachi.

Subject: **BID VALIDITY**

Establishment of Comprehensive High Schools in Sindh (Investigation, Design, Supply & Installation of Light Gauge Cold Formed Galvanized Steel Structures - Turnkey Project) at Tando Allayar, Mirpukhas & Umerkot (Package-C)

Dear Sir,

With reference to the letter issued dated: 05-08-2014 M/s Asian Construction Company where Sindh-SPPRA rules and provision under Clause 'Bid Validity' are invoked, requesting us to extend our Bid validity period.

We hereby, agreed to extend the bid validity period and shall extend the validity of our bid security up for the extended period.

WITH REGARDS,

For and on behalf of Asian Construction Company (ACC).

AMIR HUSSAIN



Authorized Representative (M/S ASIAN CONSTRUCTION COMPANY)

Put up

C.  
o/s

o/s  
A. put up.  
Submission note.

 o.s.



Ref. No: EDU/Comp-B/3-14/47  
Date: 06<sup>th</sup> August, 2014

To:

Project Director,  
PMIU, Education & Literacy Department,  
61/1, Block-9, Clifton - Karachi.

Subject:

**BID VALIDITY**

Establishment of Comprehensive High Schools in Sindh at Tando Allayar, Mirpurkhas & Umerkot under Package-C.

Dear Sir,

In response to letter issued to M/s PEW-PEBI JV dated: 05-08-2014 for the Sindh Public Procurement Regularity Authority (SPPRA) rules and provision to extend the Bid validity period,

We accorded the same and shall extend the validity of our bid security time for the extended period. We assure you of our cooperation all the time we remain.

Best regards,



Muhammad Aamir Siddiqui  
Authorized Representative  
PEW-PEBI JV.

Cc: Project Manager, EA-Consultant, DHA-Karachi.

*Plz prepare letter for  
submission to S.G for approval*

*3/10/14*

*As directed*

*O.S/Asst.*

Ref No: EDU/Comp-A/3-14/ 45  
Date: 06<sup>th</sup> August, 2014

To:

**Project Director,**  
PMIU, Education & Literacy Department,  
61/I, Block-9, Clifton - Karachi.

Subject:

**ACCEPTANCE OF BID VALIDITY**  
Establishment of Comprehensive High Schools in Sindh (Investigation, Design, Supply & Installation of Light Gauge Cold Formed Galvanized Steel Structures – Turnkey Project) at Sujawal, Thatta & Badin (Package-A)

Dear Sir,

In response to letter dated: 05-08-2014 issued to KAPEC Pvt.Ltd as per Sindh Public Procurement Regularity Authority (SPPRA) rules and provision under Clause: 38 'Bid Validity' where you have requested M/s Kapec Pvt.Ltd to extend its Bid validity period.

We are agreed to extend the bid validity period and in this connection shall also extend the validity of our bid security up to the extended period, if needed. We shall also abide by the rules as per SPPRA in this regard.

Best regards,



**Muhammad Aslam Malik**  
Authorized Representative  
KAPEC Pvt.Ltd

Cc: Project Manager, EA-Consultant, DHA-Karachi.

Put up  
2/10  
2/10  
Pl. put up earlier  
05/Asst.



OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT (PMIU)  
EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH.  
D-62/3, Opposite Beacon House KG-2, School, Near Kausar Medicos, Block-9, Clifton, Karachi  
Phone No: 021-99237084, Fax: 021-35166042

NO: PMIU/COMP/ 518- C

Dated: 05/08/2014

To,

01. M/s Asian Construction Company
02. M/s PEW & PEBi (JV)
03. M/s Al-Imad Construction

SUBJECT: **EXTENSION OF BID VALIDITY PERIOD OF TENDER FOR ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH, ADP NO. 296 OF 2014-2015.**

Reference: Tender No. 08 ( Package- C)

You are aware of the fact that the evaluation of the Tender referred above could not be finalized till date due to non availability of funds. The bid validity period is about to be completed on 23-08-2014.

Since the provision of funds for the scheme in question has been kept during current financial year 2014-15 hence this Project Office intends; extension of the bid validity period for further 90 days in order to complete the task of evaluation provided you agree to this proposal without changing your quoted rates.

Your consent is required in this regard in black & white to proceed further in to the matter accordingly.

5/8  
7 (ABDUL SATTAR Jatoi)  
Project Director  
Project Management & Implementation Unit  
Education & Literacy Department  
Government of Sindh, Karachi.

C.c to:-

M/s E A Consultant Company.





OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT (PMIU)  
EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH.  
D-62/3, Opposite Beacon House KG-2, School, Near Kausar Medicos, Block-9, Clifton, Karachi  
Phone No: 021-99237084, Fax: 021-35166042

NO: PMIU/COMP/518-13

Dated: 05/08/2014

To,

01. M/s Asian Construction Company
02. M/s KAPEC


SUBJECT: **EXTENSION OF BID VALIDITY PERIOD OF TENDER FOR ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH, ADP NO. 296 OF 2014-2015.**

Reference: Tender No. 07 (Package- B)

You are aware of the fact that the evaluation of the Tender referred above could not be finalized till date due to non availability of funds. The bid validity period is about to be completed on 23-08-2014.

Since the provision of funds for the scheme in question has been kept during current financial year 2014-15 hence this Project Office intends; extension of the bid validity period for further 90 days in order to complete the task of evaluation provided you agree to this proposal without changing your quoted rates.

Your consent is required in this regard in black & white to proceed further in to the matter accordingly.

  
518  
(ABDUL SATTAR JATOI)  
Project Director  
Project Management & Implementation Unit  
Education & Literacy Department  
Government of Sindh, Karachi.

C.c to:-

M/s E A Consultant Company.





OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT (PMIU)  
EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH.  
D-62/3, Opposite Beacon House KG-2, School, Near Kausar Medicos, Block-9, Clifton, Karachi  
Phone No: 021-99237084, Fax: 021-35166042

NO: PMIU/COMP/ 518 - A

Dated: 05/08/2014

To,

01. M/s Asian Construction Company
02. M/s KAPEC

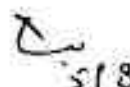
SUBJECT **EXTENSION OF BID VALIDITY PERIOD OF TENDER FOR ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH, ADP NO. 296 OF 2014-2015.**

Reference: Tender No. 06 ( Package- A)

You are aware of the fact that the evaluation of the Tender referred above could not be finalized till date due to non availability of funds. The bid validity period is about to be completed on 23-08-2014.

Since the provision of funds for the scheme in question has been kept during current financial year 2014-15 hence this Project Office intends; extension of the bid validity period for further 90 days in order to complete the task of evaluation provided you agree to this proposal without changing your quoted rates.

Your consent is required in this regard in black & white to proceed further in to the matter accordingly.

  
518  
7c (ABDUL SATTAR JATOI)  
Project Director  
Project Management & Implementation Unit  
Education & Literacy Department  
Government of Sindh, Karachi.

C.c to:-

M/s E A Consultant Company.

( Annex - 1 )



60/B  
15/08/2014

NO: SO (Admin) Edu. E&A/Pro-PMIU(ext:)/2013-14  
GOVERNMENT OF SINDH  
EDUCATION & LITERACY DEPARTMENT  
Karachi, Dated 13-08-2014

To,

Project Director  
Project Management & Implementation Unit  
Education & Literacy Department.

**SUBJECT: PERMISSION FOR EXTENSION OF BID VALIDITY PERIOD OF TENDER FOR ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOL IN SINDH**

I am directed to refer to your letter dated 11-08-2014 regarding the subject for which N.I.T was called & bidding process was not completed due to the non-availability of funds during the year 2013-14.

As per rule 38 of SPPRA the extension in the bid validity is extended maximum up to 90 days from the date of expiry subject to the consent received from the bidders.

  
SECTION OFFICER (ADMIN)

C.C. to:

1. The P.S. to Secretary, Education & Literacy Department, Govt. of Sindh, Karachi.
2. Office File.

( Annex - 1 )



60/B  
15/08/2014

NO: SO (Admin) Edu. E&A/Pro-PMIU(ext:)/2013-14  
GOVERNMENT OF SINDH  
EDUCATION & LITERACY DEPARTMENT  
Karachi, Dated 13-08-2014

To,

Project Director  
Project Management & Implementation Unit  
Education & Literacy Department.

**SUBJECT: PERMISSION FOR EXTENSION OF BID VALIDITY PERIOD OF TENDER FOR ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOL IN SINDH**

I am directed to refer to your letter dated 11-08-2014 regarding the subject for which N.I.T was called & bidding process was not completed due to the non-availability of funds during the year 2013-14.

As per rule 38 of SPPRA the extension in the bid validity is extended maximum up to 90 days from the date of expiry subject to the consent received from the bidders.

  
SECTION OFFICER (ADMIN)

C.C. to:

1. The P.S. to Secretary, Education & Literacy Department, Govt. of Sindh, Karachi.
2. Office File.



OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT (PMIU)  
EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH.  
D-62/3, Opposite Beacon House KG-II, School Near Kausar Medicos, Block-9Clifton, Karachi  
Phone No:021-99237084,021-35166041, Fax:021-35166042

No: PMIU/SPPRA/ 549

Dated: 09-09-2014.

To

The Manager (CB),  
Sindh PPRA,  
Government of Sindh,  
Karachi,

**SUBJECT: NIT NO.PMIU/GEN/305-5 DATED 06.05.2014**


Reference: Your office Letter No. Dir (CB)/SPPRA/37-1(PD/PMIU)/ 13-14/960, Dated: 22-08-2014.

The complaint of M/s S.K Corporation is based on irrational apprehensions. The Sindh Public Procurement Authority is aware of the fact that the Notice for Invitation of Tenders was got published through various widely circulated Newspapers as well as website of the SPPRA based on EPC / Turnkey System wherein it was clearly mentioned that the works of the construction are to be carried out in the light gauge, cold formed steel, structure technology as per approved PC-1.

It is added that this sort of technology is different to that of the conventional system and newly emerging technology in Pakistan in terms of largest projects to be completed on fast track.

The Authority must be knowing; that in case of EPC/Turnkey procedure of tenders, all of the participants furnish their bids; complete in all respects, comprising of all components; including drawings. In this system of tendering, the procuring agency has to mention only the required facilities/scope. In this sort of procedure of tendering, the M/s SK Corporation had no restriction to participate therein, which they absolutely missed.

Nevertheless this project office would take all tangible efforts to have the electrical works to be executed through registered and valid license holder electrical contractors of the relevant area as per standing rules/policy.

  
Project Director  
Project Management & Implementation Unit  
Education & Literacy Department,  
Government of Sindh



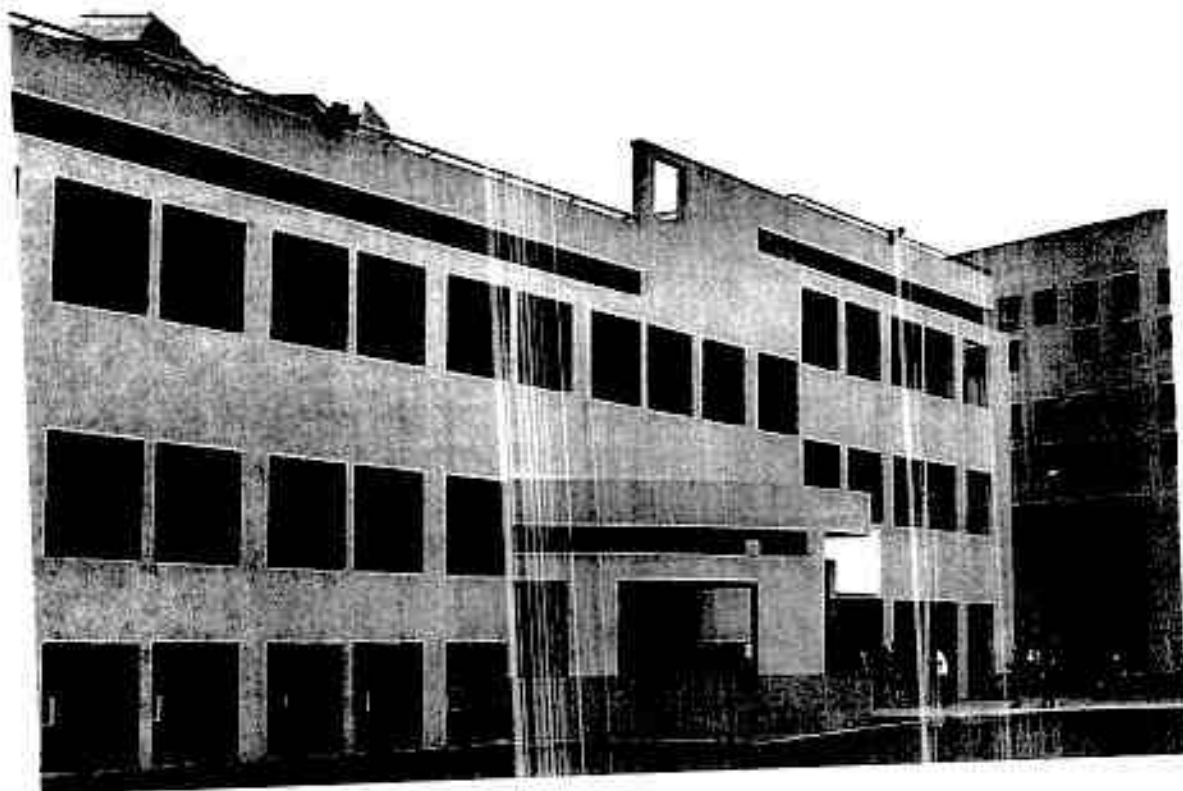


GOVERNMENT OF SINDH

Project Management & Implementation Unit  
Education & Literacy Department, Karachi

June, 201

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS  
IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - B**  
**Hyderabad, Matlari and Kotri**

**Tender No - 7**



**EA Consulting Pvt Ltd**

(Formerly Engineering Associates)

Engineering, Architecture & Project Management

Head Office: AL-8, 15th Lane, Khayaban-e-Faisal,

Phase VIII, D.H.A., Karachi-75000.

Tel: LAM: 111-111-004, Fax: (021) 3884-1825

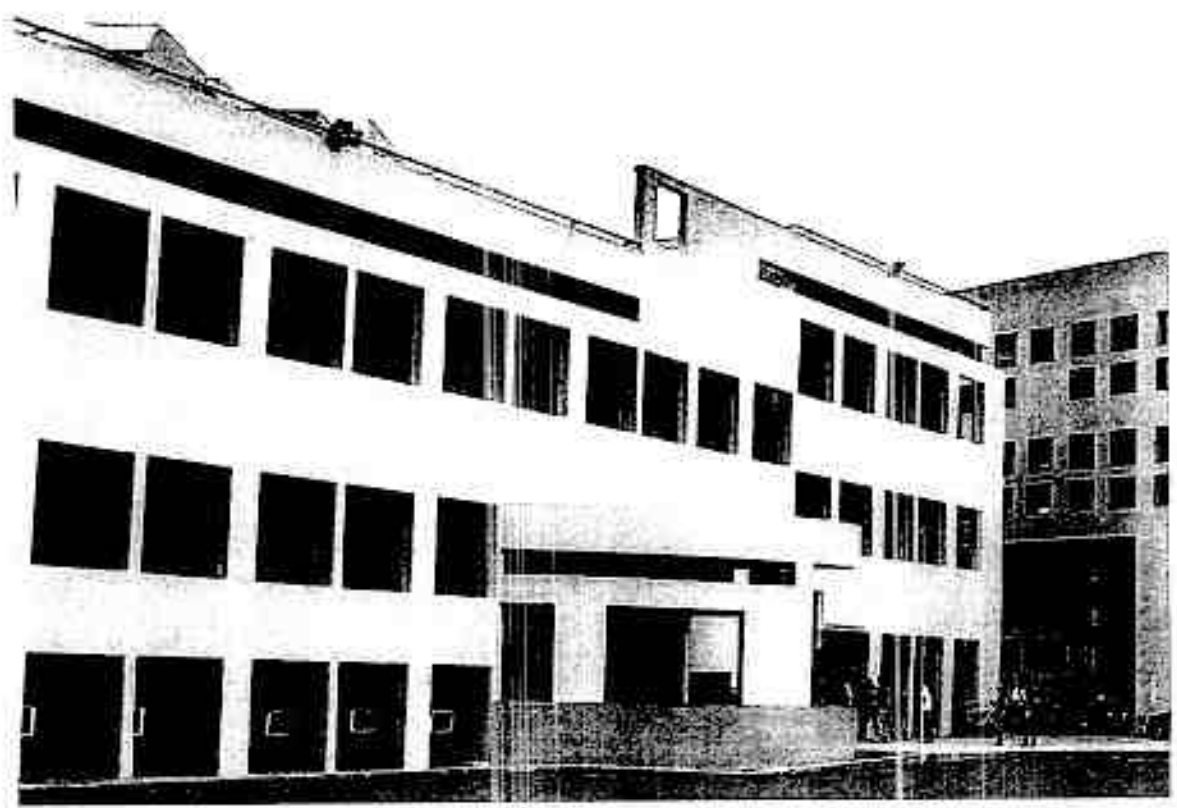
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**GOVERNMENT OF SINDH**  
**Project Management & Implementation Unit**  
**Education & Literacy Department, Karachi**

June, 201

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS**  
**IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - B**  
**Hyderabad, Matiari and Kotri**

**Tender No - 7**

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**EA Consulting Pvt Ltd**  
*(Formerly Engineering Associates)*  
Engineering, Architecture & Project Management  
Head Office: AL-9, 10th Lane, Khayaban-e-Hayat,  
Phase VII, D.H.A., Karachi-75600,  
Tel: UAN: 111-111-984, Fax: (021) 3504-1825



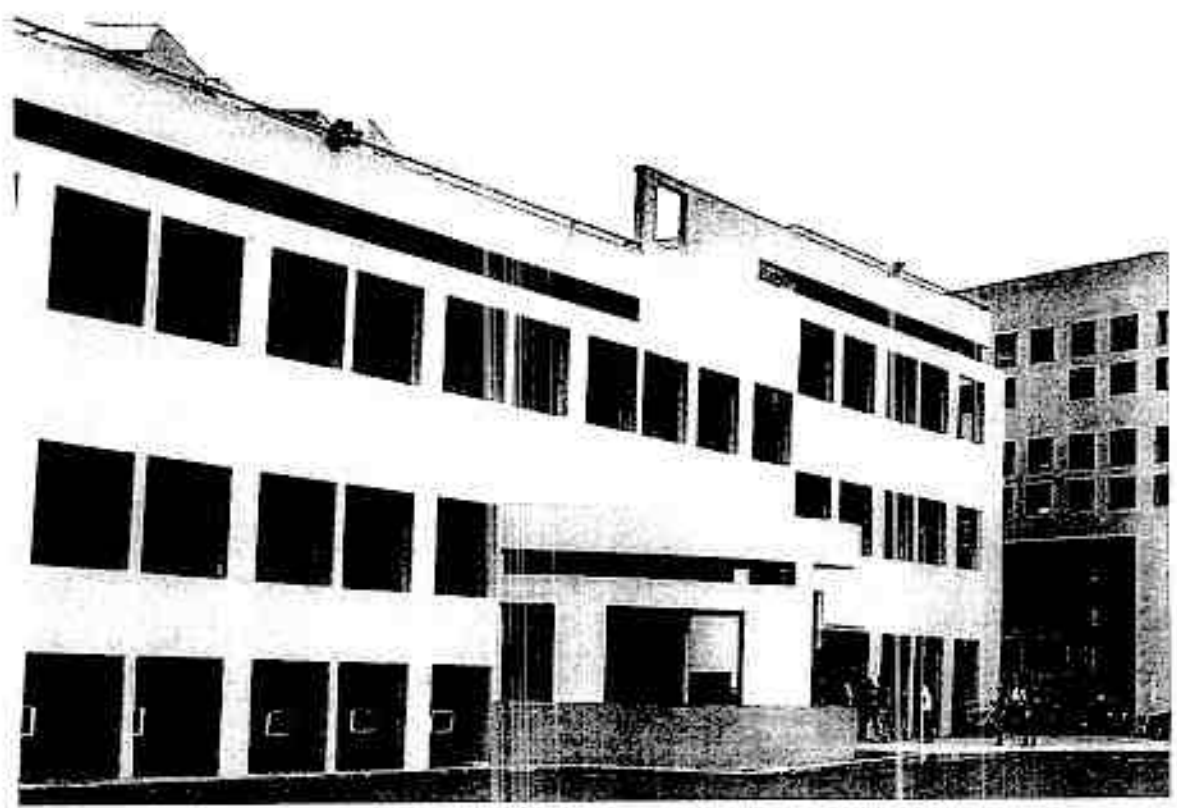
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GOVERNMENT OF SINDH  
Project Management & Implementation Unit  
Education & Literacy Department, Karachi

June, 201

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS  
IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - B**  
**Hyderabad, Matiari and Kotri**

**Tender No - 7**

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**EA Consulting Pvt Ltd**  
*(Formerly Engineering Associates)*  
Engineering, Architecture & Project Management  
Head Office: AL-9, 10th Lane, Khayaban-e-Hayat,  
Phase VII, D.H.A., Karachi-75600,  
Tel: UAN: 111-111-984, Fax: (021) 3504-1825



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*[Handwritten signatures and marks]*



## BID EVALUATION REPORT

### 1. INTRODUCTION

Construct of Comprehensive High Schools in Cold Formed Steel Structure including complete Civil, Electrical, Plumbing & External Development Works is being undertaken at Hyderabad, Mafiar and Kotri Project Site.

Two Bids, containing the original Volume-I,II & ,III for the above cited work were received by EA Consulting (Pvt.) Limited from Project Director (PMIU).

This Report provides detail of the bidding process and evaluation and recommendations in respect of Bids received for **Package B of the Project for Construction of Comprehensive High Schools** including Cold Formed Steel Structure including complete Civil, Electrical, Plumbing & External Development Works is being undertaken at Hyderabad, Mafiar and Kotri Project Site.

### 2. NOTICE INVITING TENDER

NIT was uploaded on SPPRA website S. No 20306 Tender ID No. 1575215919 dated May 12, 2014.

Bidding documents were purchased by the following Contractors:

1. M/s Asian Construction Co.
2. M/s Kashmir Pre-Engineered Construction (Pvt). Ltd

### 3. RECEIPT OF BIDS

Submission date of bids was May 26, 2014 upto 3.00 p.m and their openings were scheduled the same day i.e., May 26, 2014 at 4.00 pm.

Following Representative of the Education Department were present:

- |                           |                                   |
|---------------------------|-----------------------------------|
| 1. Mr. Abdul Sattar Jatoi | Project Director (PMIU)           |
| 2. Mr. Qasim Akbar Nimai  | Representative of Education Dept. |
| 3. Mr. Aijaz Memon        | Representative of Finance Dept.   |

Following were present from E.A Consulting (Pvt.) Ltd Office,

- |                     |         |
|---------------------|---------|
| 1. Mr. Masood Jafri | Advisor |
|---------------------|---------|

Following bidders representative were present:

- |                      |  |
|----------------------|--|
| 1. Mr. Rizwan Ali    | M/s Asian Construction Company                     |
| 2. Mr. Faisal Qaseem | M/s Kashmir Pre-Engineered Construction (Pvt).Ltd. |

EA Consulting Pvt. Ltd.



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#### 4. OPENING OF BIDS

The position of the two Bids at the time of opening was as under:

S.No:	CONTRACTOR	BID AMOUNT (Rs.)	Bid Security Details
1	M/s. Aslan Construction Company	517,614,027	Security Deposit Receipt for Rs 10,000,000/-
2	M/s. Kashmir Pre-Engineered Construction (Pvt). Ltd.	472,013,671	Banker's Cheque from Soneri Bank for Rs 9,500,000/-

Bid opening statement is enclosed at Annexure "B"

The Project Director (PMIU) forwarded the bids received for the Package-A to EA Consulting (Pvt.) Ltd. For detailed evaluation and preparation of Bid Evaluation Report. It included the two bids received for the above cited work.

#### 5. EXAMINATION AND EVALUATION OF BIDS

Scrutiny based on original copies of Bids were carried out to check if the Bids received were responsive and in accordance with the terms and conditions of the Bidding Documents.

The scope of evaluation has been broadly divided into three areas:-

- Contractual Evaluation
- Technical Evaluation
- Financial Evaluation



#### 5.1 CONTRACTUAL EVALUATION

##### 5.1.1 PRELIMINARY EXAMINATION REQUIREMENTS

A check list for Preliminary Examination Requirements updated on the received information is enclosed at "Annexure C" based on "Eligibility Criteria" as stated in "Notice Inviting Tender".

Hence, going through Annexure-C, we conclude that the Bids of M/s Kashmir Pre-Engineered Construction (Pvt) Ltd and M/s Aslan Construction Company are in accordance with the terms and conditions of Notice Inviting Tender and hence are qualified for further detailed examination.

### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

### 5.1.3 SCRUTINY OF BILL OF QUANTITIES

Following is the methodology adopted for Scrutiny of Bill of Quantities in this Bid Evaluation

- First of all the Bid Security is checked and if any bidder is found short of it, his bid is rejected.
- All arithmetical errors are corrected.
- Comparison is done on the basis of Permanent Works.
- The comparison is done after applying any rebate on the arithmetically corrected total amount as offered by any bidder.
- The lowest Bidder's rates are compared with Engineer's Estimate.
- The rates of all other Bidders are also compared with Engineer's Estimate and with those of the lowest Bidder as well.

#### i) Bid Submitted by M/s. Kashmir Pre-Engineered Construction (Pvt). Ltd.

After checking of arithmetical errors, they stand as the lowest bidder with their Bid Amounting to **Rs. 473,081,056/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

Discipline	BOQ Page No.	Item No.
Summary of Schedule 3	-	Sum
External Electrification	-	Sum



Bid Security in the form of Banker's Cheque from Soneri Bank amounting to **Rs. 9,500,000/-** was submitted by the bidder as recorded in the Bid Opening Report.

As compared with the Engineer's Estimate of **Rs. 473,433,000/-**, their bid amount is **Rs. 473,081,056/-**, which is **-0.07%** lower than Engineer's Estimate.

#### ii) Bid Submitted by M/s. Asian Construction Company

After checking of arithmetical errors, they stand the highest bidder with their Bid Amounting to **Rs. 517,614,027/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

*(Handwritten signatures and initials)*

### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

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*(Handwritten signatures and initials)*



# ANNEXURE - A

NOTICE INVITING TENDER



*EA*



OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT  
EDUCATION & LITERACY DEPARTMENT GOVERNMENT OF SINDH  
Karachi

## NOTICE INVITING TENDER

**"Design, Supply & Installation of Comprehensive School in the Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works"**

Project Director PMIU, Education and Literacy Department, Government of Sindh (the "Employer") invites, sealed bids on EPC/Turnkey basis from interested contractors/firms for their Project "Design, Supply & Installation for Establishment of Comprehensive School in the Sindh with Cold Formed Steel Structure Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" in the following Packages :

Package #	Name of Work	Bid Security	Tender Fee for each package	Time for Completion
A	Sujawal, Thatta and Badin Tender No.6			
B	Hyderabad, Matiani and Kotri Tender No.7			
C	Tando Allah-Yar, Mirpur Khas and Umerkot Tender No.8	2% of quoted Bid Price.	Rs: 4,000/-	18 Months
D	Gholki, Naushero Feroz and Nawabshah Tender No.9			

1. **Eligibility:** The interested bidders must have the following qualifications (documentary evidences to be submitted with the Bid):
  - a. Valid Pakistan Engineering Council (PEC) registration in Category C3 & above.
  - b. A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani constructor in accordance with the provisions of PEC bye-laws.
  - c. Valid NTN Certificate from Income Tax Authorities.
  - d. Should be in construction business for last 5 years or more.
  - e. Should not be Blacklisted or engaged in any Litigation on any project.

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f. Should have completed two contracts of similar nature in last 5 years.

2. **Method of Procurement.** Single Stage - Single Envelope

3. **Bidding/Tender Documents:**

- (i) **Issuance:** Documents will be issued from date of publication of this notice on payment of tender fee (Non-refundable), until the submission date.
- (ii) **Submission:** Last date will be Date: 26<sup>th</sup> May-2014, by or before 03:00 pm.
- (iii) **Opening:** will be on 26<sup>th</sup> May-2014, 04:00 pm.

4. **Terms & Conditions.**

- (a) Under following conditions bid will be rejected:-
  - (i) Bid not meeting eligibility criteria as stated above
  - (ii) Conditional and telegraphic bids/tenders;
  - (iii) Bids not accompanied by bid security of required amount and form;
  - (iv) Bids received after specified date and time.
  - (v) Black listed firms.
  - (vi) Bid not meeting minimum post qualification requirements as stated in the Bidding Document.
- (b) **Bid validity Period:** - ( 90 ) Ninety days.
- (c) Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.
- (d) **Responsive Bidder is required to submit following documents with bid:** Minimum requirement is stated in the Bidding Document IB-14(14.1, 14.2 & 14.3)

The Bidding and Contract Documents with Drawings will be collected, returned and opened as per said dates to the following address:

*D. Muhammad*

**Project Director**

Project Management and Implementation Unit Education & Literacy  
Department, Government of Sindh  
D-62/3 Opposite Bacon House KG-2 School near Kauser Medicos,  
Block-9, Clifton-Karachi.  
Tel: 021.99237034 Fax: 021.35166042



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# ANNEXURE - B

## ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY



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# ANNEXURE - B

## ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY



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## Results of Preliminary Examination

S.No	Description	M/s Asian Construction Company	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd.	Remarks
		1	2	
a	1. Eligibility Criteria: Valid Pakistan Engineering Council (PEC) registration in Category "C3" and above.	Provided	Provided	
b	A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani Constructor in accordance with the provisions of PEC bye-laws.	N/A	N/A	
c	Valid NTN Certificate from Income Tax Authorities.	NTN # 0374978-9*	Provided	* NTN Certificate not provided
d	Should be in Construction Business for the last 5 years or more	Not Provided	Provided	
e	Should not Black Listed or engaged in any Litigation on any project.	Provided	Provided	
e	Should have completed two contracts of similar nature in last 5 years.	Yes	Yes	
	3. Substantial Responsiveness	Yes	Yes	
	4. Accepted for Detailed Examination	Yes	Yes	



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# ANNEXURE - D

COPIES OF BID SECURITIES SUBMITTED  
ALONG THE BID



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# ANNEXURE - E

## TECHNICAL EVALUATION



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# ANNEXURE - E

## TECHNICAL EVALUATION



*EA*





**Grand Summary**

Schedule No.	Description	Engineer's Estimates Amount (Pak Rs.)	M/s. Kashmir Pre-Engineering Construction (Pvt.) Ltd. Amount (Pak Rs.)	M/s. Asian Construction Company Amount (Pak Rs.)
		1	2	
1	External Development Works are as follows:			
a)	Septic Tank	500,744	520,200	615,495
b)	U.G Water Tank	526,281	543,957	572,550
c)	Boundary Wall	14,408,517	6,055,356	5,721,000
d)	Soukage Pit	501,146	617,142	528,300
e)	Witch Soling and Tuff Pavers	2,653,922	4,576,590	4,359,150
f)	Football Goal Post	77,968	80,643	97,718
g)	Earth-filling & Green Area	4,390,065	7,309,500	9,300,300
h)	External Electrification Works	17,017,500	17,238,750	19,110,000
2	Foundation Works (School Building)	23,524,215	37,298,982	42,674,130
3	Supply of Plant (Pre-Engineered Cold Formed Steel Structures) including Fixtures and other materials & goods and spare parts (if any)	272,525,002	273,448,120	293,556,160
4	Installation & Other Services	92,942,520	95,628,720	100,463,880
5	Design Services	20,415,120	29,763,096	40,615,344
6	Provisional Sum*	24,000,000		
<b>Total Cost of The Project</b>		<b>473,433,000</b>	<b>473,081,056</b>	<b>517,614,027</b>
<b>% above or below against Engineer's Estimate</b>			<b>-0.07%</b>	<b>9.33%</b>
				<b>9.41%</b>



Signature: *[Handwritten Signature]*



Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1	Supply of the following items, on covered area basis for Building:  <i>Note: In accordance with Specifications- Schedule of Works &amp; Drawings</i>								
a)	Structural and Non-structural light gauge cold formed galvanized steel parts of the Main School building including connections and accessories with provision of additional floor expansion in future <i>Note: Above works excluding foundation &amp; sub structure cost.</i>	SqL	107,448	1,830	196,629,840	1,830	198,778,800	1,950	209,173,600
b)	Decking Sheet	SqL	107,448	210	22,564,080	150	16,117,200	175	18,803,400
c)	Wall Cladding	SqL	107,448	310	33,308,880	385	41,367,480	400	42,979,200
d)	Ceiling	SqL	107,448	115	12,356,520	80	8,595,840	120	12,893,760
2	<b>EQUIPMENT FOR COMPUTER LAB</b>								
a)	Computer Core 15 or latest with Stabilizer	No's	60	75,000	4,500,000	80,000	4,800,000	85,000	5,100,000
b)	Server Core 15 or latest	No's	3	90,000	270,000	125,000	375,000	130,000	390,000
c)	Laser Printer (Latest) Hp or Samsung	No's	6	40,000	240,000	35,000	210,000	45,000	270,000
d)	A/C 2 Tons Split Type 220 V 50 c/s	No's	3	90,000	270,000	90,000	270,000	95,000	285,000
e)	U.P.S	No's	40	35,000	1,400,000	45,000	1,800,000	50,000	2,000,000
f)	Scanner	No's	20	20,000	400,000	20,000	400,000	25,000	500,000



Engineer's

Signature

Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1	Supply of the following items, on covered area basis for Building:  <i>Note: In accordance with Specifications- Schedule of Works &amp; Drawings</i>								
a)	Structural and Non-structural light gauge cold formed galvanized steel parts of the Main School building including connections and accessories with provision of additional floor expansion in future  <i>Note: Above works excluding foundation &amp; sub structure cost.</i>	SqL	107,448	1,830	196,629,840	1,830	198,778,800	1,950	209,173,600
b)	Decking Sheet	SqL	107,448	210	22,564,080	150	16,117,200	175	18,803,400
c)	Wall Cladding	SqL	107,448	310	33,308,880	385	41,367,480	400	42,979,200
d)	Ceiling	SqL	107,448	115	12,356,520	80	8,595,840	120	12,893,760
2	<b>EQUIPMENT FOR COMPUTER LAB</b>								
a)	Computer Core 15 or latest with Stabilizer	No's	60	75,000	4,500,000	80,000	4,800,000	85,000	5,100,000
b)	Server Core 15 or latest	No's	3	90,000	270,000	125,000	375,000	130,000	390,000
c)	Laser Printer (Latest) Hp or Samsung	No's	6	40,000	240,000	35,000	210,000	45,000	270,000
d)	A/C 2 Tons Split Type 220 V 50 c/s	No's	3	90,000	270,000	90,000	270,000	95,000	285,000
e)	U.P.S	No's	40	35,000	1,400,000	45,000	1,800,000	50,000	2,000,000
f)	Scanner	No's	20	20,000	400,000	20,000	400,000	25,000	500,000



Engineer's

Signature

Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1	Supply of the following items, on covered area basis for Building:  <i>Note: In accordance with Specifications- Schedule of Works &amp; Drawings</i>								
a)	Structural and Non-structural light gauge cold formed galvanized steel parts of the Main School building including connections and accessories with provision of additional floor expansion in future. <i>Note: Above works excluding foundation &amp; sub structure cost.</i>	SRL	107,448	1,830	196,629,840	1,830	198,778,800	1,950	209,373,640
b)	Decking Sheet	SRL	107,448	210	22,564,080	150	16,117,200	175	18,803,400
c)	Wall Cladding	SRL	107,448	310	33,308,880	385	41,367,480	400	42,979,200
d)	Ceiling	SRL	107,448	115	12,356,520	80	8,595,840	120	12,893,760
2	<b>EQUIPMENT FOR COMPUTER LAB</b>								
a)	Computer Core 15 or latest with Stabilizer	No's	60	75,000	4,500,000	80,000	4,800,000	85,000	5,100,000
b)	Server Core 15 or latest	No's	3	90,000	270,000	125,000	375,000	130,000	390,000
c)	Laser Printer (L-atest) Hp or Samsung	No's	6	40,000	240,000	35,000	210,000	45,000	270,000
d)	A/C 2 Tons Split Type 220 V, 50 c/s	No's	3	90,000	270,000	90,000	270,000	95,000	285,000
e)	U.P.S	No's	40	35,000	1,400,000	45,000	1,800,000	50,000	2,000,000
D	Scanner	No's	20	20,000	400,000	20,000	400,000	25,000	500,000



Engineer's

Signature

Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Matiari and Kotri  
Comparative Statement

Summary of Schedule No-4  
(Installation & Other Services)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1)	Plumbing Fixtures	Sft	107,448	60	6,446,880	35	3,760,680	30	3,223,440
2)	Doors & Windows	Sft	107,448	30	3,223,440	95	10,207,560	105	11,282,040
3)	Paint Work	Sft	107,448	25	2,686,200	85	9,133,080	95	10,207,560
<b>TOTAL Carried to Grand Summary</b>					<b>92,942,520</b>		<b>95,628,728</b>		<b>100,563,650</b>

Note: 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stores where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.

2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.
3. The cost of foundation work related to ramp located in the open area in b/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.
4. The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance sheds already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.
5. Cost of all works related to external elevation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.
6. O.H tank/fiber glass food grade material) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item
7. All necessary works (e. water supply, sewerage, culverts, electrical etc connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



*E. Ahmad*  
*Officer*



Summary of Schedule No-5  
(Design Services)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
a)	Topographic Survey	SRL	107,448	5	537,240	10	1,074,480	5	537,240
b)	Soil Investigation	SRL	107,448	7	752,136	12	1,289,376	8	859,584
c)	Foundation Design	SR	107,448	10	1,074,480	20	2,148,960	120	12,893,760
d)	Steel Structure Design	SR	107,448	140	15,042,720	190	20,415,120	150	16,117,200
e)	Electrical Design	SR	107,448	10	1,074,480	20	2,148,960	30	3,223,440
f)	Plumbing Design	SR	107,448	8	859,584	20	2,148,960	40	4,297,920
g)	Submission of working / shop drawings for Architectural, Structural, Electrical & Plumbing works etc.	SR	107,448	10	1,074,480	5	537,240	25	2,686,200
<b>TOTAL Carried to Grand Summary</b>					<b>20,415,120</b>		<b>29,763,096</b>		<b>40,615,344</b>

Note: 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.

2. Payment will be made on approval of design/drawings by Project Manager/ Engineer.



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Matiari & Kotri  
Comparative Statement

Sr. No	Sindh Sch. 2012. Chapter/Item # / Page #	Description	Engineer's Estimator			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
		All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.								

**PART-A SCHEDULE ITEMS**

1	Chapter- I/Item- 18 (b) & c) P-4 Vol-III, Part II	<b>EARTHWORK</b> Excavation at foundation of building, bridges and other structures including dabbelling, dressing, refilling around structure with (suitable) excavated earth, watering, ramming, lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		b) In Ordinary Soil	6	Cum	112	672	530	3,180	450	2,700
		c) In Hard Soil or Soft murrum	4	Cum	126	504	750	3,000	550	2,200
		<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Plain wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
2	Chapter- 4/Item- 5(f)+19(b), II, Part-II	100mm thick Ratio 1:4:8	0.50	Cum	5,173	2,587	7,500	3,750	9,500	4,750



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mianari & Kotri  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC				
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)		
3	Chapter-6 4/Item- 6 w(OP-16,17 Vol-III, Part-II	<b>REINFORCED-CEMENT CONCRETE (SUB-STRUCTURE)</b>  Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting chattering curing rendering and finishing the exposed surface (including screeding and washing of shingle). RC work in roof slab, beams, columns rafters, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft single 1/2" to 3/4" gauge etc, complete in all respect as per specifications & relevant approved drawings. All works in the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)										
		i) 150mm thick R.C.C 1:2:4 Under Septic Tank Floor / bottom slab	1	Cum	11,903	11,903	9,500	9,500	12,200	12,200		
		ii) 150mm Thick R.C.C 1:2:4 in Walls	2	Cum	11,903	23,806	12,500	25,000	14,500	29,000		
		iii) 100mm Thick R.C.C 1:2:4 in Top Slab	1	Cum	11,903	11,903	12,000	12,000	14,500	14,500		
		<b>REINFORCEMENT</b>  Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.										
4	Chapter-4/Item- 8 (b)P-17 Vol III, Part-II	b) Using Tor Bars (Reinforcement of Sub Structure)	668	Kg	100	66,800	115	76,820	150	100,200		



*E. Iqbal*  
*[Signature]*

Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mariari & Kotri  
Comparative Statement

Sr. No	Standh Ssh.2012 Chapter/Item / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
3	Chapter-6 4Items- 6 a)OP-16,17 Vol-III, Part-II	<b>REINFORCED-CEMENT CONCRETE (SUB-STRUCTURE)</b>  Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screeding and washing of shingle). R.C work in roof slab, beams, columns, rafters, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft single 1/2" to 3/4" gauge etc, complete in all respect as per specifications & relevant approved drawings. All works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	1	Cum	11,903	11,903	9,500	9,500	12,200	12,200
		i) 150mm thick R.C.C 1:2:4 Under Septic Tank Floor / bottom slab	2	Cum	11,903	23,806	12,500	25,000	14,500	29,000
		ii) 100mm Thick R.C.C 1:2:4 in Top Slab	1	Cum	11,903	11,903	12,000	12,000	14,500	14,500
		<b>REINFORCEMENT</b>  Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
4	Chapter-4Items- 8 (b)OP-17 Vol-III, Part-II	b) Using Tor Bars (Reinforcement of Sub Structure)	668	Kg	100	66,800	115	76,820	150	100,200



*E. Thomas*  
*[Signature]*

Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Matiari & Kotri  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC			
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	
3	Chapter-6 4/Item-6 4(GP-16,17 Vol-III, Part-II	<b>REINFORCED-CEMENT CONCRETE (SUB-STRUCTURE)</b>  Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding, which will be paid separately. This rate also includes all kinds of forms moulds lifting, dunnage, curing, rendering and finishing the exposed surface (including screeding and washing of shingle). RC work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft single 1/2" to 3/4" gauge etc, complete in all respect as per specifications & relevant approved drawings. All works in the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)									
		i) 150mm thick R.C.C 1:2:4 Under Septic Tank Floor / bottom slab	1	Cum	11,903	11,903	9,500	9,500	12,200	12,200	
		ii) 150mm Thick R.C.C 1:2:4 in Walls	2	Cum	11,903	23,806	12,500	25,000	14,500	29,000	
		iii) 100mm Thick R.C.C 1:2:4 in Top Slab	1	Cum	11,903	11,903	12,000	12,000	14,500	14,500	
		<b>REINFORCEMENT</b>  Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.									
4	Chapter-4/Item- II (b)P-17 Vol III, Part-II	b) Using Tor Bars (Reinforcement of Sub Structure)	668	Kg	100	66,800	115	76,820	150	100,200	



*E. I. M. S.*  
*[Signature]*



Sr. No	Sindh Sch.2012 Chapter/ Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC			M/s. AOC	
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter- I/Item- 1B (b & c) /P-4 Vol-III, Part- II	<b>EARTHWORK</b> Excavation in foundation of building, bridges and other structures including dregelling, dressing, refilling around structure with (suitable) excavated earth, watering, ramming lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
		b) In Ordinary Soil	16	Cum	112	1,792	424	6,784	450	7,200
		c) In Hard Soil or Soft mudum	11	Cum	126	1,386	750	8,250	550	6,050
2	Chapter- A/Item- 50(+19)(b),ii YP-16 Vol- III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
		100mm thick Ratio 1:4:8	2	Cum	5,173	10,346	7,500	15,000	9,500	19,000

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Sr. No	Slab No Sindh 2012 Chapter: II Vol. II Part II	Description	Engineer's Estimator			M/A KAPEC			M/A ACC						
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)					
3	Chapter- 4/Item- 6 (b)P-16,17 Vol-III, Part II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE):</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shoring, curing, rendering and finishing the exposed surface (including screening and washing of shingle) RC work in roof slab, beams, columns, walls. Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge etc. complete in all respects as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)													
4	Chapter- 4/Item- 8 (b)P-17 Vol-III, Part-II	<b>REINFORCEMENT:</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of hooking wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s. chairs etc. complete in all respects as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.													
		i) 779mm thick R.C.C. 1:2:4 Under Ground Water tank Floor / bottom slab	3	Cum	11,903	35,709	12,000	36,000	13,500	40,500					
		ii) 175mm Thick R.C.C 1:2:4 in Walls	5	Cum	11,903	59,515	12,500	62,500	13,500	67,500					
		iii) 125mm Thick R.C.C 1:2:4 in Top Slab	2	Cum	11,903	23,806	12,000	24,000	12,200	24,400					
5	Chapter- 5/Item- 13(b)P-52 Vol-III, Part II	<b>PLASTER:</b> Providing and applying cement plaster 1.5 up to 12" height 1/2" thick etc. complete in all respects as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Kg	100	100	135	135	150	150					
		b) Lining Top Bars (Reinforcement of Sub Structure)													
		1/2" Thick on internal surface of tank	29	Sqm	237	6,873	450	13,050	350	10,150					



Sr. No	Sketch / Chapter / Page #	Description	Engineer's Estimate			M/s. KAPEC			M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
6	Chapter 2/Item: J /Part-III, Part-III	<b>C1 MANHOLE COVER</b> Providing and fixing C1 Manhole Cover & frame including cost of material etc. complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager.									
		C1 cover 45 cm (18") dia (Weight 50 kg Each)	50	Kg.	140	7,000	200	10,000	220	11,000	
		Total Cost of 01 No				146,527		175,719		185,950	
		Assessed Premium to Bring it in-Par With Current Market Rates			15%	21,979					
		<b>Sub-Total of Part-A</b>				<b>168,506</b>		<b>175,719</b>		<b>185,950</b>	
<b>PART-B NON-SCHEDULE ITEMS</b>											
7		Providing fabricating and fixing of 20mm (3/4") dia G.I ladders/rungs in Section(G water tank as shown in drawing joining with rust proof paint (of any height in any form) etc, complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager.									
			14	Nos	494	6,921	400	5,600	350	4,900	
		<b>Sub-Total of Part-B</b>				<b>6,921</b>		<b>5,600</b>		<b>4,900</b>	
		<b>Total Cost of 01 No (Part A+B)</b>				<b>175,427</b>		<b>181,319</b>		<b>190,850</b>	
		<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>3</b>	<b>526,281</b>		<b>543,957</b>		<b>572,550</b>	

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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC			M/s. ACC	
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
<p><b>PART-A SCHEDULE ITEMS</b></p> <p><b>EARTHWORK</b></p>										
1	Chapter- 18 (b & c) / P-4 Vol-II, Part-II	Excavation on Foundation of building, bridges and other structures including (digging) dressing refilling around structure with (suitable) excavated earth working, running lead up to 5 feet etc. complete in all respect as per specifications & relevant approved drawings, all works in the entire area as per the Engineer/Project Manager.								
		<p>b) In Ordinary Soil</p> <p>c) In Hard Soil or Soft murrum</p>	73 49	Cum Cum	112 126	8,176 6,174	424 750	30,932 36,750	450 550	32,850 26,950
2	Chapter- 29 / P-26 Vol-III, Part-III	Supplying and filling sand (sandy / glassoo material) under floor/foundation and plugging in walls of approved outside sources etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		<b>BACK-FILLING WITH SANDY/GLASSOO MATERIAL</b>	55	Cum	403	22,165	1,590	87,450	1,350	74,250
3	Chapter- 4/Item- 5(i) + 19(K)(ii) / P-16 Vol-III, Part-II	PLAIN CEMENT CONCRETE Concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with creosol and removal of creosol/surfacing for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	25	Cum	5,173	129,325	7,500	187,500	9,500	237,500
		Lean concrete Ratio 1:4:8								



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC			M/s. ACC	
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter- 18 (b) & c) / P-4 Vol-II, Part-II	<b>EARTHWORK</b> Excavation on Foundation of building, bridges and other structures including (b) & c) / P-4 working, retaining lead up to 5 feet etc. complete in all respect as per specifications & relevant approved drawings, all works in the entire area as per the Engineer/Project Manager.								
2	Chapter- 29 / P-26 Vol-III, Part-III	<b>BACK-FILLING WITH SANDY/GHASSO MATERIAL</b> Supplying and filling sand (sandy / ghassoo material) under floor/foundation and plugging in walls of approved outside sources etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	73 49	Cum Cum	112 126	8,176 6,174	424 750	30,952 36,750	450 550	32,850 26,950
3	Chapter- 4/Item- 5(i) + 19(a), (ii) / P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with creosol and removal of creosol/sunburning for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  Lean concrete Ratio 1:4:8	35 25	Cum Cum	403 5,173	22,165 129,325	1,590 7,500	87,450 187,500	1,350 9,500	74,250 237,500



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Sr. No	Sluaha Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
8	Chapter- 9/Item- 19(b)/P-53 Vol-III, Part II	Providing and applying Cement pointing deep struck joint ratio 1:3 on walls etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
9	Chapter- 18.11/Item- 8+9 +4d (5a)/P-53 Vol-III, Part II	<b>BARBED WIRE FENCING</b> Providing & fixing barbed wire fencing with 12 gauge-4 points @ 6" apart barbed wire 1/2 straightening & fixing in angle iron vertical post of size 2"x2"x1/4" embedded in RCC/masonry pillars by making castholders @ 12" including fixing in pillars by chiselling and filling with cement sand (5a)/P-53 Vol-III, Part II including over a coat of primer etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	1,320	Sq m	131	172,920	325	429,000	350	462,000
10	Chapter- 4/Item- 6(b)/P-16.17 Vol-III, Part II	<b>RCC PRE-CAST CONCRETE SUPER-STRUCTURE</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and bunding which will be paid separately. This rate also includes all kinds of forms moulds lifting screeding and washing of shanks). Precast reinforced concrete in columns, beams lintels staircase, shelves Ratio (1:2:4) etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager (Ratio 1:2:4 strength 20 Mpa)	262	R.m	615	161,130	400	104,800	375	98,250
		1) 9"x4"x10'-6" Precast R.C.C.1-Section Column	281	Cum	10,941	3,074,421	500	140,500	200	56,200
Total Cost of 01 No						4,176,382		2,018,452		1,907,000
Assessed Premium to Bring it at-Par With Current Market Rates					15%	626,457				
Sub-Total of Part-A						4,802,839		2,018,452		1,907,000
Total Cost of 03 Nos Carried to Grand Summary			3			14,408,517	3	6,055,356	3	5,721,000



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications. Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>										

**PART-A SCHEDULE ITEMS**

<b>EARTHWORK</b>										
1	Chapter- 1/Item- 18 (a & c) / Part- II	Excavation in foundation of building, bridges and other structures including dambeling dressing relative ground surface with (suitable) excavated earth, watering, removing level up to 5 feet etc, conform to all respect to the specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	12	Cum	112	1,344	530	6,360	450	5,400
		b) In Ordinary Soil	8	Cum	126	1,008	850	6,800	550	4,400
		c) In Hard Soil or Soft murrum								
2	Chapter- 4/Item- 5(07-19b)(i), ii JP-16 Vol- III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Paral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Cum	5,173	5,173	7,500	7,500	9,500	9,500
		100mm thick Ratio 1:4:8								
		<b>STONE MASONRY WORK</b>								



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Matiari & Kotri  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimate			M/s. KAPFC		M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
3	Chapter-6/Item-1 d (1) 27 Vol-III, Part II	Providing and Laying Random, rubble masonry (uncoursed), in foundation and plinth with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
4	Chapter-11/Item-2 29 56 Vol-IV, Part IV	Dry masonry cement sand mortar Ratio 1:3 <b>COURSE GRAVEL IN SOAKAGE PIT</b> Supplying and stacking at site course gravel of size 1/8" - 1/4" (Minimum to 150mm) from the screening, washing and spreading the same in filter beds to correct level etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	16	Cum	6,978	111,648	8,500	136,000	7,500	120,000
5	Chapter-6/Item-6 a(1) 16,17 Vol-III, Part II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, strutting, curing, rendering and finishing the exposed surface (including screening and washing of shingle), RC work in roof slab, beam, column, raft, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 CH sand 4 CH shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	3	Cum	1,045	3,135	1,768	5,304	1,350	4,050
		1) 100mm Thick R.C.C 1:2:4 in top Slab	0.50	Cum	11,903	5,952	12,500	6,250	13,500	6,750



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Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 4/Item- 8 (b)/P-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fittings including cost of banding wire (also includes removal of rust from bars.) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or in chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
7	Chapter- 2/Item- 11/P-35 Vol-III, Part-III	4) Listing For Bars Reinforcement of Sub-Structure <b>C1 MANHOLE COVER</b> Providing and fixing C1 Manhole Cover & frame including cost of material etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	100	Kg	100	10,000	250	25,000	150	15,000
		C1 cover 45 cm (1.8") dia (weight 50 kg Each)	50	Kg	140	7,000	250	12,500	220	11,000
<b>Total Cost of 01 No</b>						<b>145,260</b>		<b>205,714</b>		<b>176,100</b>
Assessed Premium to Bring it at-Par With Current Market Rates					15%	21,789				
<b>Sub-Total of Part-A</b>						<b>167,049</b>		<b>205,714</b>		<b>176,100</b>
<b>Total Cost of 03 Nos Carried to Grand Summary</b>			3			<b>501,146</b>	3	<b>617,142</b>	3	<b>528,300</b>



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mutari & Kotri  
Comparative Statement

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAFEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 4/Item- 8 (b)/P-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fittings including cost of banding wire (also includes removal of rust from bars.) including the cost of straightening, cutting, bending, twisting, wastage and such overlaps as are not shown in drawing, precast spacer block or in a chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
7	Chapter- 2/Item- 11/P-35 Vol-III, Part-III	4) Lining For Bars Reinforcement of Sub-Structure <b>CLMASHOLE COVER</b> Providing and fixing C.I. Manhole Cover & frame including cost of material etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	100	Kg	100	10,000	250	25,000	150	15,000
		C.I cover 45 cm (18") dia (weight 50 kg Each)	30	Kg	140	7,000	250	12,500	220	11,000
<b>Total Cost of 01 No</b>						<b>145,260</b>		<b>205,714</b>		<b>176,100</b>
Assessed Premium to Bring it at-Par With Current Market Rates					15%	21,789				
<b>Sub-Total of Part-A</b>						<b>167,049</b>		<b>205,714</b>		<b>176,100</b>
<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>3</b>			<b>501,146</b>	<b>3</b>	<b>617,142</b>	<b>3</b>	<b>528,300</b>



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mutari & Kotri  
Comparative Statement

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAFEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 4/Item- 8 (b)/P-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fixings including cost of banding wire (also includes removal of rust from bars.) including the cost of straightening, cutting, bending, twisting, wastage and such overlaps as are not shown in drawing, precast spacer block or in a chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
7	Chapter- 2/Item- 11/P-35 Vol-III, Part-III	4) Lining For Bars: Reinforcement of Sub-Structure <b>CLMANTHOLE COVER</b> Providing and fixing C.I Manhole Cover & frame including cost of material etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	100	Kg	100	10,000	250	25,000	150	15,000
		C.I cover 45 cm (18") dia (weight 50 kg Each)	30	Kg	140	7,000	250	12,500	220	11,000
<b>Total Cost of 01 No</b>						<b>145,260</b>		<b>205,714</b>		<b>176,100</b>
Assessed Premium to Bring it at-Par With Current Market Rates					15%	21,789				
<b>Sub-Total of Part-A</b>						<b>167,049</b>		<b>205,714</b>		<b>176,100</b>
<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>3</b>			<b>501,146</b>	<b>3</b>	<b>617,142</b>	<b>3</b>	<b>528,300</b>



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Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 4/Item- 8 (b)/P-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fittings including cost of banding wire (also includes removal of rust from bars.) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or in a chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
7	Chapter- 2/Item- 11/P-35 Vol-III, Part-III	4) Listing For Bars Reinforcement of Sub-Structure <b>C1 MANHOLE COVER</b> Providing and fixing C1 Manhole Cover & frame including cost of material etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	100	Kg	100	10,000	250	25,000	150	15,000
		C1 cover 45 cm (1.8") dia (weight 50 kg Each)	50	Kg	140	7,000	250	12,500	220	11,000
<b>Total Cost of 01 No</b>						<b>145,260</b>		<b>205,714</b>		<b>176,100</b>
Assessed Premium to Bring it at-Par With Current Market Rates					15%	21,789				
<b>Sub-Total of Part-A</b>						<b>167,049</b>		<b>205,714</b>		<b>176,100</b>
<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>3</b>			<b>501,146</b>	<b>3</b>	<b>617,142</b>	<b>3</b>	<b>528,300</b>



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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Matiari & Kotri  
Comp. Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
10	Item: 14/P-16 Vol-III, Part-IV	<b>KEAB STONE</b> Providing and fixing precast edge block 1750 psi industrial made size 6" thick x 12" long x 12" high including the cost of cartage, excavation, formwork for haunching, 1450 psi lean concrete, 2250 psi concrete for haunching, 1:4 cement sand mortar etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	233	R.m	974	246,422	1,250	316,250	1,250	316,250
Total Cost of 01 No						754,760		1,525,530		1,453,050
Assessed Premium to Bring it at Par With Current Market Rates					15%	113,214				
Sub-Total of Part-A						867,974		1,525,530		1,453,050
Total Cost of 03 Nos Carried to Grand Summary					3	2,603,912	3	4,576,590	3	4,359,150

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Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mariari & Kotri  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter- I/Item- 18 (b) & (c) Part- III, Part- II	<b>REINFORCEMENT</b> Execution in foundation of building, bridges and other structures including dewatering, dewatering, refilling around structure with (suitable) excavated earth containing, minimum level up to 5 feet etc, conforming to all relevant per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
2	Chapter- 4/Item- 196(a) JP-16 Vol III, Part- II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Part-16 Vol III, Part- II) horizontal & vertical etc, complete in all respects as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.250 0.500	Cum Cum	112 136	84 63	424 750	318 375	450 550	338 275
		75mm thick Ratio 1:4:8	0.200	Cum	5,173	1,035	7,500	1,500	9,500	1,900



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Establishment of Comprehensive High School in Sindhu  
Package-B Hyderabad, Mulhari & Kotri  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC			
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
1	Chapter-4/Item-6 of/PP-16,17 Vol-III Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, modules lifting, structuring, curing, rendering and finishing the exposed surface (including screeding and washing of shingle); RC work in roof slab, beams, columns, rafters, Lintels and other structural members laid in situ or precast and in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 28 Mpa)									
4	Chapter-4/Item-8 of/PP-17 Vol-III, Part-II	1) Column footing for Goal Post 2) Column for Goal Post <b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chains etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  b) Using Tor Bars (Reinforcement of Sub Structure)	0.340 0.384	Cum Cum	11,903 11,903	4,047 4,571	12,000 12,000	4,080 4,608	15,000 15,000	5,100 5,760	
Total Cost of 01 No			128.00	Kg	100	12,800	125	16,000	150	19,200	
Assessed Premium to Bring it at Par With Current Market Rates					15%	3,390		26,881		32,573	
Sub-Total of Part-A						25,989		26,881		32,573	
Total Cost of 03 Nos Carried to Grand Summary			3			77,968	3	80,643	3	97,718	



E. Mulla

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Sr. No. / Chapter/Item # / Page #	Sindh	Description	Engineer's Estimates			M/A. KAPEC			M/A. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
<p><b>PART-A SCHEDULE ITEMS</b></p> <p><b>EARTH-FILLING (New Earth From Outside Sources)</b></p> <p>1. Chapter-22+130P-4 (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>											
			1,360	Cum	141	191,760	1,075	1,462,000	1,350	1,836,000	
			Total Cost of 01 No		15%	191,760		1,462,000		1,836,000	
			Assessed Premium to Bring it as per With Current Market Rates			28,764					
			Sub-Total of Part-A			220,524		1,462,000		1,836,000	
<b>PART-B NON-SCHEDULE ITEMS</b>											
<p>2. Providing and laying 150mm thick sweet earth soil(Baloo earth) for grass in lawn including filling watering and ramming as specified etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>											
			334	Cum	1,271	424,598	1,250	417,500	1,450	484,300	
			2,228	Sqm	367	818,233	250	557,000	350	779,800	
			Sub-Total of Part-B			1,242,831		974,500		1,264,100	
			Total Cost of 01 No (Part A+B)			1,463,355		2,436,500		3,100,100	
			Total Cost of 03 Nos Carried to Grand Summary		3	4,390,065	3	7,309,500	3	9,300,300	



*E. Amin*  
*Engr. O. Khan*

Sr. No. / Chapter/Item # / Page #	Sindh Sch. 2012 Chapter/Item #	Description	Engineer's Estimate			M/s. KAPEC			M/s. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
<p><b>PART-A SCHEDULE ITEMS</b></p> <p><b>EARTH-FILLING (New Earth From Outside Source)</b></p> <p>1. Chapter-21+13(P-4) Vol-II, Part-II Filling, watering and ramming earth under floors with new earth (excavated from outside) laid up to one chain and lift up to 3 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications &amp; relevant approved drawings; all works to the entire satisfaction of the Engineer/Project Manager.</p>											
			1,360	Cum	141	191,760	1,075	1,462,000	1,350	1,836,000	
			Total Cost of 01 No			191,760	1,462,000	1,836,000			
			Assessed Premium to Bring it a-par With Current Market Rates			15%	28,764				
			Sub-Total of Part-A			220,524	1,462,000	1,836,000			
<p><b>PART-B NON-SCHEDULE ITEMS</b></p>											
<p>2. Providing and laying 150mm thick sweet earth soil(Baloo earth) for grass in lawn including filling, watering and ramming as specified etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>											
			334	Cum	1,271	424,598	1,250	417,500	1,450	484,300	
			Sub-Total of Part-B			424,598	417,500	484,300			
			Sub-Total of Part-A			220,524	1,462,000	1,836,000			
			Sub-Total of Part-B			424,598	417,500	484,300			
			Total Cost of 01 No (Part A+B)			645,122	1,879,500	2,320,300			
			Total Cost of 03 Nos Carried to Grand Summary			4,390,065	7,309,500	9,300,300			



E. M. M. M.

Signature

Signature

Sr. No. / Chapter/Item # / Page #	Sindh Sch.2012 Chapter/Item #	Description	Engineer's Estimates			M/A. KAPEC			M/A. ACC		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
<p><b>PART-A SCHEDULE ITEMS</b></p> <p><b>EARTH-FILLING (New Earth From Outside Source)</b></p> <p>1. Chapter-22+130P-4 (Vold. Part-II) Filling, watering and ramming earth under floors with new earth (excavated from outside) laid up to one chain and lift up to 3 feet including earth work compaction (soft, ordinary or hard soil) lying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>											
			1,360	Cum	141	191,760	1,075	1,462,000	1,350	1,836,000	
			Total Cost of 01 No			191,760	1,462,000	1,836,000			
			Assessed Premium to Bring it as per With Current Market Rates			28,764					
			Sub-Total of Part-A			220,524	1,462,000	1,836,000			
<p><b>PART-B NON-SCHEDULE ITEMS</b></p>											
2		Providing and laying 150mm thick sweet earth soil(Baloo earth) for grass in lawn including filling watering and ramming as specified etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	334	Cum	1,271	424,598	1,250	417,500	1,450	484,300	
3		Providing and laying grassing (Dickca Grass) in lawn area as specified etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	2,228	Sqm	367	818,233	250	557,000	350	779,800	
			Sub-Total of Part-B			1,242,831	974,500	1,264,100			
			Total Cost of 01 No (Part A+B)			1,463,355	2,436,500	3,100,100			
			Total Cost of 03 Nos Carried to Grand Summary			4,390,065	7,309,500	9,300,300			



E. Filling &  
Green Area  
Civil Work

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Sr. No.	Sindh Sch. 2012 Chapter/Item / Page #	Description	Engineer's Estimates		M/s. KAPEC		M/s. ACC			
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
		(iv) Ramp Floor	1	Cum	11,903	11,903	8,500	8,500	9,500	9,500
7	Chapter- 4/Item- 8 (Type-17 Vol- III, Part-II)	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m/s chairs etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		ii) Using Top Bars (Reinforcement of Side Staircase)	14.672	Kg	100	1,467,200	120	1,760,640	140	2,054,112
8	Chapter- 4/Item- 2/P- 15 Vol-III, Part-II	<b>BRICK OR STONE BALLAST UNDER FLOOR</b> Dry rammed brick or stone ballast 1-1/2" to 2" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	208	Cum	1,175	244,400	1,500	728,000	4,500	936,000
		<b>PLAIN CEMENT CONCRETE UNDER FLOOR</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with cretion and removal of centering/shuttering for RCC or plain cement concrete works of Partal wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
9	Chapter- 4/Item- 5 (P+19b(i)(v)) P-16 Vol- III, Part-II Chapter- 4/Item- 5 (P+19b(i)(v)) P-16 Vol- III, Part-II	50mm thick PCC 1:4:8 under Ground Floor	70	Cum	5,173	362,110	7,500	525,000	9,500	665,000
		50mm thick PCC 1:2:4 with Durnetric under Ground Floor	70	Cum	6,282	439,740	9,500	665,000	14,500	1,015,000



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Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates		M/s. KAPEC		M/s. ACC			
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
10	Chapter-18 Item- 92/P-109 Vol-III, Part-I	<b>TERMITE PROOFING</b> Providing Anti-termite treatment (Dulux/FMC or equivalent approved ) as per manufacturer specifications) by spraying /sprinkling / spreading <i>Neopachlor</i> 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along arches, gutters or entrances etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	1	Cum	5,173	5,173	8,500	8,500	9,500	9,500
11	Chapter-11 Item- 9/P-71 Vol-III, Part-II	Horizontal and Vertical Surface <b>BETUMEN COATING</b> Bitumen coating to plastered or cement concrete (Horizontal & vertical) surface etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	2,046	Sq.m	105	214,830	125	255,750	185	378,510
12	Chapter-5 Item- 4 (I) e/P-20,21 Vol-III, Part-II	<b>BRICK MASONRY WORK</b> Provide and laying pecca brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  <i>Ramp and Entrance steps</i> Cement sand mortar Ratio 1:6	146	Sq.m	84	12,264	150	21,900	175	25,550
			9	* Cum	4,270	37,980	7,500	67,500	* 9,500	85,500



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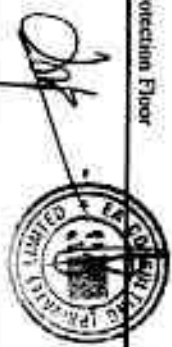


Sr. No.	Sindh Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<b>PLINTH PROTECTION WORK</b>										
13	Chapter- 4/Item- 5 (P-19)(a)(ii) P-16 Vol- III, Part-II	Cement concrete plinth including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Part-II wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
14	Chapter- 4 (i) Vol-III, Part-II	Provide and lay brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  <i>Plinth Protection steps</i> Cement sand mortar Ratio 1:6  75mm thick P.C.C Ratio 1:4:8	9	Cum	5,173	46,557	7,500	67,500	9,500	85,500
15	Chapter- 1/Item- 22+13b/P-4 Vol-III, Part-II	Filling, wetting and tamping earth under floors with new earth (excavated from outside) laid up to one chain and lift up to 5 feet, including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	24	Cum	4,220	101,280	8,500	204,000	9,500	228,000
16	Chapter- 4/Item- 5 (i)+19b(i)(ii) P-16 Vol- III, Part-II	Cement concrete plinth including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Part-II wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  50mm thick P.C.C 1:4:8 under Plinth Protection Floor	108	Cum	141	15,228	1,250	135,000	1,350	145,800
			12	Cum	5,173	62,076	7,500	90,000	9,500	114,000


*Engineer's Signature*

Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<b>PLINTH PROTECTION WORK</b>										
13	Chapter- 4/Item- 5 (P-19B(L)Y) P-16 Vol- III, Part-II	Cement concrete plinth including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Part wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
14	Chapter- 4/Item- 4 (I) e/P-20/21	75mm thick P.C.C Ratio 1:4:8 Provide and lay in pecca brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  <i>Plinth Protection steps</i> Cement sand mortar Ratio 1:6	9	Cum	5,173	46,557	7,500	67,500	9,500	85,500
15	Chapter- 1/Item- 22+13b/P-4 Vol-III, Part-II	Filling, wetting and tanning earth under floors with new earth (excavated from outside) laid up to one chain and lift up to 5 feet, including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and wetting for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	24	Cum	4,220	101,280	8,500	204,000	9,500	228,000
16	Chapter- 4/Item- 5 (I)+19B(L)Y P-16 Vol- III, Part-II	Cement concrete plinth including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Part wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.  50mm thick P.C.C 1:4:8 under Plinth Protection Floor	108	Cum	141	15,228	1,250	135,000	1,350	145,800
12				Cum	5,173	62,076	7,500	90,000	9,500	114,000





Establishment of Comprehensive High School in Sindh  
Package-B Hyderabad, Mastari & Kotri  
Comparative Statement

Sr. No.	Sindh Sch-2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
20	Chapter- 4/Item- 5 (P-1584, a) P-16 Val- III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Part-I wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
21	Chapter- 4/Item- 5 (P-1584, a) P-16 Val- III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Part-I wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager (Note: Durable fiber Non schad. item)	122	Cum	6,282	766,404	12,500	1,535,000	11,500	1,403,000
		75mm thick Foam concrete-2:4	41	Cum	5,615	231,015	12,500	512,500	14,500	594,500
		25mm thick P.C.C (1:3:6) concrete including discrete fiber								
Assessed Premium to Bring it at-Par With Current Market Rates					15%	1,022,792				
Sub-Total of Part-A			3		7,841,405		12,432,994		14,224,710	
Total Cost of 03 Nos Carried to Grand Summary			3		23,524,215	3	37,298,982	3	42,674,130	



Part

D. Ahmad

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Comparative Statement

Sr.No.	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)		
1	Providing, installation, testing and commissioning of hot dipped galvanized from inside and outside Diagonal lighting pole of 12 m height with 4mm wall thickness including base plate anchor bolt, nuts and washer, self inspection door with special keys, cable connection box etc., (detail shown on the drawings). Complete in all respects as per specification and drawings.								
2	1. Single Arm Pole Construction and installation of pole foundation in concrete class "A" reinforcement as per AASHTO M31, lean concrete etc. Excavation and backfilling for the Pole foundation shall be included in this job. Complete in all respects as per specifications and drawings.	Nos.	15	70,000	1,050,000	80,000	1,200,000	75,000	1,125,000
3	Providing, installation, testing and commissioning of street light fixture Philips LED 120W, complete in all respects.	Nos.	15	14,500	217,500	10,000	150,000	8,000	120,000
4	Providing, installation, testing and commissioning of outdoor type IP55 rated Pole mounted Distribution board on concrete pad. This job include with all civil works as per drawing and specifications, complete in all respect.	Nos.	1	70,000	70,000	12,000	12,000	18,000	18,000
	DB-1 INCOMING 1 No 20 ATP MCCB (15 KA) OUTGOING 3 Nos. 10 SP MCCB	No.	1	70,000	70,000	75,000	75,000	95,000	95,000



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Comparative Statement

Sr./Nos	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
5	Providing, installation, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables of incoming cable to DBB directly buried including excavation and backfilling of size as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.								
	1 4c-25 mm sq. PVC/PVC	RM	50	1,700	85,000	1,625	81,250	1,350	67,500
6	Providing, installation, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables from DBB to Lighting Pole and Lighting Pole to Lighting Pole directly buried including excavation and backfilling of size as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.								
	1 4c-16 mm sq. PVC/PVC	RM	500	1,290	645,000	1,080	540,000	1,250	625,000
7	Providing, installation, testing and commissioning of 3 Core 2.5 mm sq. PVC / PVC, 450/750 volts grade cable for each light from cable terminal box to luminaires complete in all respect.	RM	200	150	30,000	1,300	260,000	1,000	200,000
8	Providing, installation, testing and commissioning of Terminal Box IP 43 including 2 Nos. 3A Circuit Breaker with terminal, complete in all respect.	Nos.	15	3,000	45,000	5,000	75,000	8,000	120,000
9	Providing and installation Earth copper rod 3 meter long and 20mm dia for lighting poles earthing. The rod shall be directly driven to ground to obtain earth resistance not more than 5 ohm, the 6 SWG bare copper conductor from earth rod to lighting pole also included in this job. Complete as per drawing, specification or as directed by the Engineer.	Nos.	4	30,000	120,000	50,000	200,000		220,000



*Amis*  
*Shah*

*Amis*



Comparative Statement

Sr.Nos.	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
10	Providing, installation, testing & commissioning of following Copper PVC insulated (yellow/green) earth continuity cable from earth pit to respective DB and between pole to pole as per specification & drawings.								
11	1 1c- 10 sq mm as ECC Providing and laying of 75 mm dia upVC class "D" conduit for cables. Buried in ground as per drawing, including excavation for laying of conduit, bricks, warning tape, and backfilling with new and fresh sand (6" under and 4" above pipe). Connection and proofing of conduits ends etc. as shown in drawing, complete in all respect.	RM	600	200	120,000	2,000	1,200,000	4,000	2,400,000
12	Supply, installation, testing & commissioning of 100 KVA, Pole mounted Transformer. The make shall be PFL, Siemens or Climax including all accessories such as Poles, platform, cross arms, insulated copper conductor, dropout fuse switches complete in all respect as per WAPDA specifications.	No	1	700,000	700,000	700,000	700,000	500,000	500,000
13	Provisional sum for obtaining electrical 11KV power supply connection from WAPDA with all necessary requirements including meter, circuit breaker / cutouts, necessary power cables and all installation material required for the connection and provisioning with WAPDA for approval of the load, complete in all respect.	Job	1	250,000	250,000	500,000	500,000	200,000	200,000
		TOTAL COST OF 03 Nos.		3	5,672,500		5,746,250		6,370,000
		TOTAL COST OF 03 Nos. Carried to Grand Summary		3	17,017,500	3	17,238,750	3	19,110,000



*Signature*

*Signature*

*Signature*

(A)

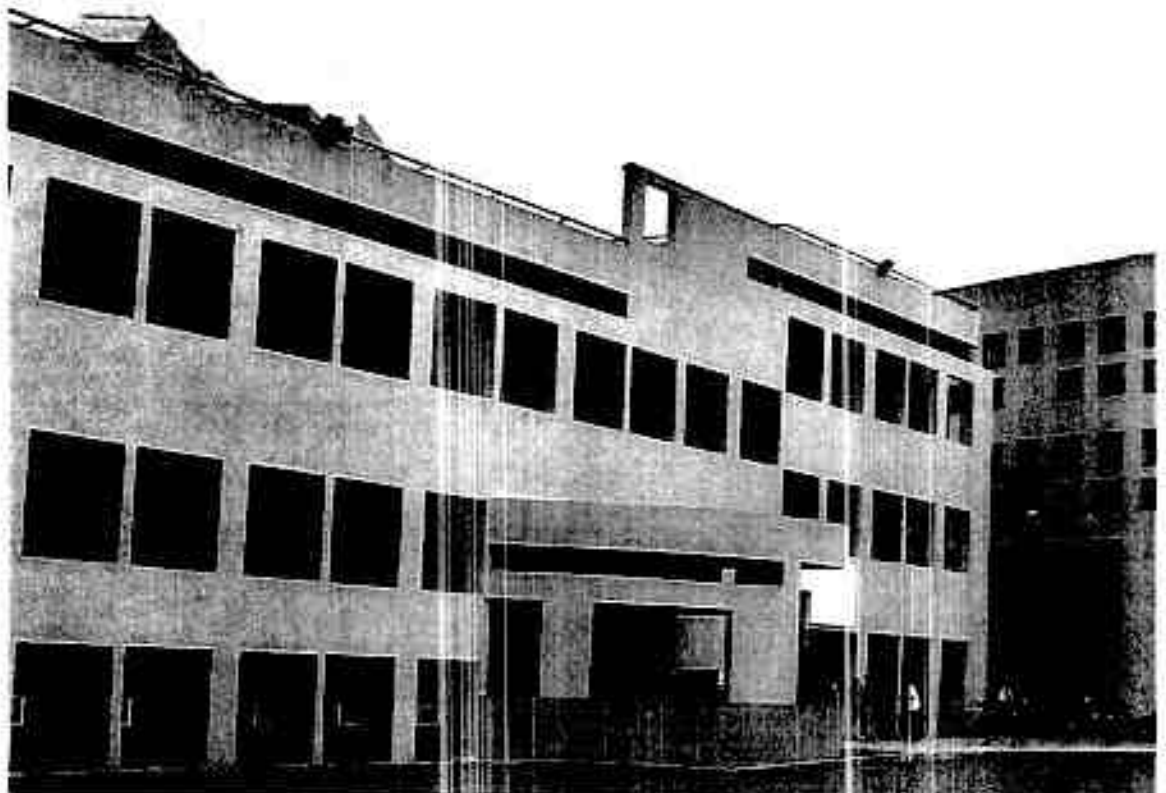


GOVERNMENT OF SINDH

Project Management & Implementation Unit  
Education & Literacy Department, Karachi

June, 201

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS  
IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - A**  
**Sujawal, Thatta and Badin**

**Tender No - 6**



**EA Consulting Pvt Ltd**

(Formerly Engineering Associates)

Engineering, Architecture & Project Management

Head Office: AL-8, 15th Lane, Khayaban-e-1-8th

Phase VII, D.H.A., Karachi-75200.

Tel: (021) 3654-1628, Fax: (021) 3654-1628



(A)

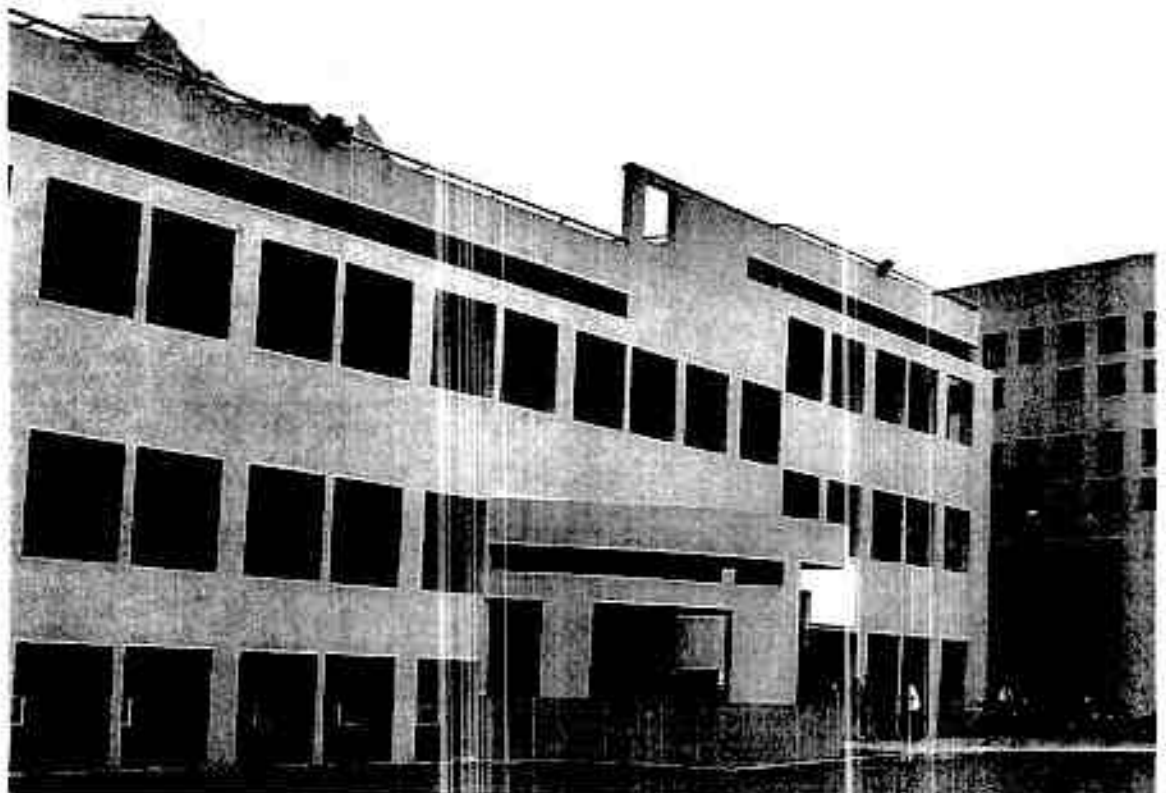


GOVERNMENT OF SINDH

Project Management & Implementation Unit  
Education & Literacy Department, Karachi

June, 201

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS  
IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - A**  
**Sujawal, Thatta and Badin**

**Tender No - 6**



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**BID EVALUATION REPORT**  
(Technical & Financial)

**PACKAGE A**

FOR

**Construction of Comprehensive High  
Schools In Sindh**



12

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5.1.2 BID SECURITY.....	
5.1.3 SCRUTINY OF BILL OF QUANTITIES.....	
i) KASHMIR PRE-ENGINEERED CONSTRUCTION (PVT) LTD.....	
ii) ASIAN CONSTRUCTION COMPANY.....	
5.2 TECHNICAL EVALUATION.....	
5.3 FINANCIAL EVALUATION.....	
6. CONCLUSION.....	
7. RECOMMENDATION.....	
8. ANNEXURES.....	
A Notice Inviting Tenders	
B Copy of Bids opening Statement and Attendance Sheet	
C Statement of Results of Preliminary Examination.	
D Copy of Bid Securities	
E Technical Evaluation.	
F Comparative Statement with copies of Bill of Quantities	



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## BID EVALUATION REPORT

### 1. INTRODUCTION

Construct of Comprehensive High Schools in Cold Formed Steel Structure including complete Civil, Electrical, Plumbing & External Development Works is being undertaken at Sujawal, Thatta and Badin Project Site.

Two Bids, containing the original Volume-I,II & ,III for the above cited work were received by EA Consulting (Pvt.) Limited from Project Director (PMIU).

This Report provides detail of the bidding process and evaluation and recommendations in respect of Bids received for **Package A of the Project for Construction of Comprehensive High Schools** including Cold Formed Steel Structure including complete Civil, Electrical, Plumbing & External Development Works is being undertaken at Sujawal, Thatta and Badin Project Site.

### 2. NOTICE INVITING TENDER

NIT was uploaded on SPPRA website S. No 20306 Tender ID No 1575215919 dated May 12, 2014.

Bidding documents were purchased by the following Contractors:

1. M/s Asian Construction Co.
2. M/s Kashmir Pre-Engineered Construction (Pvt). Ltd

### 3. RECEIPT OF BIDS

Submission date of bids was May 25, 2014 upto 3.00 p.m and their openings were scheduled the same day i.e., May 25, 2014 at 4.00 pm.

Following Representative of the Education Department was present:

- |                           |                                   |
|---------------------------|-----------------------------------|
| 1. Mr. Abdul Sattar Jatoi | Project Director (PMIU)           |
| 2. Mr. Qasim Akbar Nimai  | Representative of Education Dept. |
| 3. Mr. Aijaz Memon        | Representative of Finance Dept.   |

Following were present from E.A Consulting (Pvt.) Ltd Office.

- |                     |         |
|---------------------|---------|
| 1. Mr. Masood Jafri | Advisor |
|---------------------|---------|

Following bidders representative were present:

- |                      |  |
|----------------------|--|
| 1. Mr. Rizwan Ali    | M/s Asian Construction Company                     |
| 2. Mr. Faisal Qaseem | M/s Kashmir Pre-Engineered Construction (Pvt).Ltd. |

EA Consulting Pvt. Ltd.



**4. OPENING OF BIDS**

The position of the two Bids at the time of opening was as under:

S.No:	CONTRACTOR	BID AMOUNT (Rs.)	Bid Security Details
1	M/s. Asian Construction Company	517,614,027	Pay Order from KASB for Rs 10,000,000/-
2	M/s. Kashmir Pre-Engineered Construction (Pvt). Ltd.	471,413,671	Banker's Cheque from Soneri Bank for Rs 9,500,000/-

Bid opening statement is enclosed at Annexure "B"

The Project Director (PMIU) forwarded the bids received for the Package-A to EA Consulting (Pvt.) Ltd. For detailed evaluation and preparation of Bid Evaluation Report. It included the two bids received for the above cited work.

**5. EXAMINATION AND EVALUATION OF BIDS**

Scrutiny based on original copies of Bids were carried out to check if the Bids received were responsive and in accordance with the terms and conditions of the Bidding Documents.

The scope of evaluation has been broadly divided into three areas:-

- Contractual Evaluation
- Technical Evaluation
- Financial Evaluation

**5.1 CONTRACTUAL EVALUATION**

**5.1.1 PRELIMINARY EXAMINATION REQUIREMENTS**

A check list for Preliminary Examination Requirements updated on the received information is enclosed at "Annexure C" based on "Eligibility Criteria" as stated in "Notice Inviting Tender".

Hence, going through Annexure-C, we conclude that the Bids of M/s Kashmir Pre-Engineered Construction (Pvt) Ltd and M/s Asian Construction Company are in accordance with the terms and conditions of Notice Inviting Tender and hence are qualified for further detailed examination.



*Amir*

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### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

### 5.1.3 SCRUTINY OF BILL OF QUANTITIES

Following is the methodology adopted for Scrutiny of Bill of Quantities in this Bid Evaluation

- First of all the Bid Security is checked and if any bidder is found short of it, his bid is rejected.
- All arithmetical errors are corrected.
- Comparison is done on the basis of Permanent Works.
- The comparison is done after applying any rebate on the arithmetically corrected total amount as offered by any bidder.
- The lowest Bidder's rates are compared with Engineer's Estimate.
- The rates of all other Bidders are also compared with Engineer's Estimate and with those of the lowest Bidder as well.

#### i) Bid Submitted by M/s. Kashmir Pre-Engineered Construction (Pvt). Ltd.

After checking of arithmetical errors, they stand as the lowest bidder with their Bid Amounting to **Rs. 473,081,056/-** for the Permanent Works.

As such there is no Arithmetical error in their bid.

Bid Security in the form of Banker's Cheque from Soneri Bank amounting to Rs. 9,500,000/- was submitted by the bidder as recorded in the Bid Opening Report.

As compared with the Engineer's Estimate of **Rs. 473,433,000/-**, their bid amount is **Rs. 473,081,056/-**, which is **-0.07 % Lower** than Engineer's Estimate.

#### ii) Bid Submitted by M/s. Asian Construction Company

After checking of arithmetical errors, they stand the highest bidder with their Bid Amounting to **Rs. 512,378,127/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

Discipline	BOQ_Page No.	Item No.
External Electrification	-	Sum
School	3	11
School	4	missing



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### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

### 5.1.3 SCRUTINY OF BILL OF QUANTITIES

Following is the methodology adopted for Scrutiny of Bill of Quantities in this Bid Evaluation

- First of all the Bid Security is checked and if any bidder is found short of it, his bid is rejected.
- All arithmetical errors are corrected.
- Comparison is done on the basis of Permanent Works.
- The comparison is done after applying any rebate on the arithmetically corrected total amount as offered by any bidder.
- The lowest Bidder's rates are compared with Engineer's Estimate.
- The rates of all other Bidders are also compared with Engineer's Estimate and with those of the lowest Bidder as well.

#### i) Bid Submitted by M/s. Kashmir Pre-Engineered Construction (Pvt). Ltd.

After checking of arithmetical errors, they stand as the lowest bidder with their Bid Amounting to **Rs. 473,081,056/-** for the Permanent Works.

As such there is no Arithmetical error in their bid.

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#### ii) Bid Submitted by M/s. Asian Construction Company

After checking of arithmetical errors, they stand the highest bidder with their Bid Amounting to **Rs. 512,378,127/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

Discipline	BOQ_Page No.	Item No.
External Electrification	-	Sum
School	3	11
School	4	missing



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# ANNEXURE - A

## NOTICE INVITING TENDER



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OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT  
EDUCATION & LITERACY DEPARTMENT GOVERNMENT OF SINDH  
Karachi

## NOTICE INVITING TENDER

**"Design, Supply & Installation of Comprehensive School in the Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works"**

Project Director PMIU, Education and Literacy Department, Government of Sindh (the "Employer") invites, sealed Bids on EPC/Turnkey basis from interested contractors/firms for their Project "Design, Supply & Installation for Establishment of Comprehensive School in the Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" in the following Packages :

Package #	Name of Work	Bid Security	Tender Fee for each package	Time for Completion
A	Sujawal, Thatta and Badin Tender No.6	2% of quoted Bid Price.	Rs: 4,000/-	18 Months
B	Hyderabad, Mallari and Kotri Tender No.7			
C	Tando Allah-Yar, Mirpur Khas and Umerkot Tender No.8			
D	Ghotki, Naushero Feroz and Nawabshah Tender No.9			

- Eligibility:** The interested bidders must have the following qualifications (documentary evidences to be submitted with the Bid):
  - Valid Pakistan Engineering Council (PEC) registration in Category C3 & above.
  - A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani constructor in accordance with the provisions of PEC bye-laws.
  - Valid NTN Certificate from Income Tax Authorities.
  - Should be in construction business for last 5 years or more.
  - Should not be Blacklisted or engaged in any litigation on any project.



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- f. Should have completed two contracts of similar nature in last 5 years.
2. **Method of Procurement, Single Stage - Single Envelope**
3. **Bidding/Tender Documents:**
- (i) **Issuance:** Documents will be issued from date of publication of this notice on payment of tender fee (Non-refundable), until the submission date.
  - (ii) **Submission:** Last date will be Date: 26<sup>th</sup> May-2014, by or before 03:00 pm.
  - (iii) **Opening:** will be on 26<sup>th</sup> May-2014, 04:00 pm.

4. **Terms & Conditions.**

- (a) Under following conditions bid will be rejected:-
- (i) Bid not meeting eligibility criteria as stated above
  - (ii) Conditional and telegraphic bids/tenders;
  - (iii) Bids not accompanied by bid security of required amount and form;
  - (iv) Bids received after specified date and time.
  - (v) Black listed firms.
  - (vi) Bid not meeting minimum post qualification requirements as stated in the Bidding Document.
- (b) **Bid validity Period:** - ( 90 ) Ninty days.
- (c) Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.
- (d) **Responsive Bidder is required to submit following documents with bid:** Minimum requirement is stated in the Bidding Document IB-14(14.1, 14.2 & 14.3)

The Bidding and Contract Documents with Drawings will be collected, returned and opened as per said dates to the following address:

*Project Director*

**Project Director**

Project Management and Implementation Unit Education & Literacy  
Department, Government of Sindh  
D-62/3 Opposite Bacon House KG-2 School near Kausar Medicos,  
Block-9, Clifton-Karachi.  
Tel: 021.99237084 Fax. 021.35166042



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# ANNEXURE – B

## ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY



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EA Consulting Pvt. Ltd.

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Page 9 of 7

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# ANNEXURE – B

## ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY



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EA Consulting Pvt. Ltd.

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Page 9 of 7

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## Results of Preliminary Examination

S.No	Description	M/s Asjan Construction Company	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd.	Remarks
		1	2	
a	<b>1. Eligibility Criteria:</b> Valid Pakistan Engineering Council (PEC) registration in Category "C3" and above.	Provided	Provided	
b	A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani Constructor in accordance with the provisions of PEC bye-laws.	N/A	N/A	
c	Valid NTN Certificate from Income Tax Authorities.	NTN # 0174678-9*	Provided	* NTN Certificate not provided
d	Should be in Construction Business for the last 5 years or more	Not Provided	Provided	
e	Should not Black Listed or engaged in any Litigation on any project.	Provided	Provided	
e	Should have completed two contracts of similar nature in last 5 years.	Yes	Yes	
	<b>3. Substantial Responsiveness</b>	Yes	Yes	
	<b>4. Accepted for Detailed Examination</b>	Yes	Yes	



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# ANNEXURE – D

COPIES OF BID SECURITIES SUBMITTED  
ALONG THE BID

*B*



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# ANNEXURE – E

## TECHNICAL EVALUATION



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# ANNEXURE – E

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## TECHNICAL EVALUATION



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# ANNEXURE – F

## COMPARATIVE STATEMENT OF BIDS.



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**Grand Summary**

Schedule No.	Description	Engineer's Estimates		M/s. Kashmir Pre-Engineering Construction (Pvt.) Ltd.		M/s. Asian Construction Company	
		Amount (Pak Rs.)	1	2	5		
1	External Development Works are as follows:						
a)	Septic Tank	500,744		520,200	615,495		
b)	U.G Water Tank	526,281		543,957	572,550		
c)	Boundary Wall	14,408,517		6,055,356	5,721,000		
d)	Soakage Pit	501,146		617,142	528,300		
e)	Brick Soling and Tuff Pavers	2,603,922		4,576,590	4,359,150		
f)	Football Goal Post	77,968		80,643	97,718		
g)	Earth-filling & Green Area	4,390,065		7,309,500	9,300,300		
h)	External Electrification Works	17,017,500		17,238,750	18,450,000		
2	Foundation Works (School Building)	23,524,215		37,298,982	38,518,230		
3	Supply of Plant (Pre-Engineered Cold Formed Steel Structures) including Fixtures and other materials & goods and spare parts (if any)	272,525,002		273,448,120	293,136,160		
4	Installation & Other Services	92,942,520		95,628,720	100,463,880		
5	Design Services	20,415,120		29,763,096	40,615,344		
6	Provisional Sum*	24,000,000					
<b>Total Cost of The Project</b>		<b>473,433,000</b>		<b>473,081,056</b>	<b>512,378,127</b>		
<b>% above or below against Engineer's Estimate</b>				<b>-0.07%</b>	<b>8.23%</b>		<b>8.31%</b>



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Establishment of Comprehensive High School in Sindh  
 Package-A Sujawal, Thatta and Badin  
 Engineer's Estimate

K/A Consulting  
 (Pvt.) Ltd

Summary of Schedule No-3  
 Supply of Plant (Pre-Engineered Structures) including Fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1	<i>Note: In accordance with Specifications- Schedule of Works &amp; Drawings.</i> Supply of the following items, on covered area basis for Building:	Sq	107,448	1,830	196,629,840	1,850	198,778,800	1,950	209,523,600
a)	Structural and Non-structural light gauge cold formed galvanized steel parts of the Main School building including connections and accessories with provision of additional floor expansion in future. <i>Note: Above works excluding foundation &amp; sub structure covg.</i>	Sq.	107,448	210	22,564,080	150	16,117,200	175	18,803,400
b)	Decking Sheet	Sq.	107,448	310	33,308,880	385	41,367,480	400	42,979,200
c)	Wall Cladding	Sq.	107,448	115	12,356,520	80	8,595,840	120	12,893,760
d)	Ceiling	Sq.	107,448	75,000	4,500,000	80,000	4,800,000	85,000	5,100,000
2	<b>EQUIPMENT FOR COMPUTER LAB</b>	No's	60	90,000	270,000	125,000	375,000	130,000	390,000
a)	Computer Core 15 or latest with Stabilizer	No's	3	40,000	240,000	35,000	210,000	45,000	135,000
b)	Server Core 15 or latest	No's	3	90,000	270,000	90,000	270,000	50,000	2,000,000
c)	Laser Printer (Latest) Hp or Samsung	No's	40	35,000	1,400,000	45,000	1,800,000	25,000	500,000
d)	A/C 2 Tons Split Type 220 V.50 c/s	No's	70	20,000	400,000	20,000	400,000		
e)	U.P.S	No's							
f)	Scanner	No's							



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Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) Including Fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates			M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	
g)	Multimedia Projector (Complete with Accessories)	No's	3	80,000	240,000	75,000	225,000	80,000	240,000	
h)	U.S.B (Latest)	No's	24	1,279	30,684	1,200	28,800	1,300	31,200	
3	<b>EQUIPMENT FOR OFFICE</b>									
a)	Computer Core (5 or latest with Standardizer)	No's	3	60,000	180,000	80,000	240,000	90,000	270,000	
b)	Laser Printer (Latest)	No's	3	30,000	90,000	35,000	105,000	40,000	120,000	
c)	U.P.S	No's	3	15,000	45,000	45,000	135,000	50,000	150,000	
<b>TOTAL Carried to Grand Summary</b>					<b>272,525,003</b>		<b>273,448,120</b>		<b>293,136,160</b>	

Note:

- Covered area in Column of Qty for single storey structures, shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.
  - Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.
  - The cost of foundation work related to ramp located in the open area in N/W school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.
  - The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance sheds already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.
  - Cost of all works related to external elevation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.
  - O.H tanks (fiber glass food grade material) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.
- All necessary works (i.e. water supply, sewerage, drains, electrical etc. connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



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Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including Fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Unit	Qty	Engineer's Estimates			M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	
g)	Multimedia Projector (Complete with Accessories)	No's	3	80,000	240,000	75,000	225,000	80,000	240,000	
h)	(U.S.B (Latest)	No's	24	1,279	30,684	1,200	28,800	1,300	31,200	
3	<b>EQUIPMENT FOR OFFICE</b>									
a)	Computer Core 15 or latest with Stabilizer	No's	3	60,000	180,000	80,000	240,000	90,000	270,000	
b)	Laser Printer (Latest)	No's	3	30,000	90,000	35,000	105,000	40,000	120,000	
c)	U.P.S	No's	3	15,000	45,000	45,000	135,000	50,000	150,000	
<b>TOTAL Carried to Grand Summary</b>					<b>272,525,003</b>		<b>273,448,120</b>		<b>293,136,160</b>	

Note:

1. Covered area in Column of Qty for single storey structures, shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.
  2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.
  3. The cost of foundation work related to ramp located in the open area in N/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.
  4. The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance sheds already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.
  5. Cost of all works related to external elevation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.
  6. O.H tank (fiber glass food grade material) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.
- All necessary works (i.e. water supply, sewerage, sewage, electrical etc connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



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Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement

Summary of Schedule No-4  
(Installation & Other Services)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC		
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	
i)	Plumbing Fixtures	Sil	107,448	60	6,446,880	35	3,760,680	30	3,223,440	
j)	Doors & Windows	Sf	107,448	30	3,223,440	95	10,207,560	105	11,282,040	
k)	Paint Work	Sil	107,448	25	2,686,200	85	9,133,080	95	10,207,560	
<b>TOTAL, Carried to Grand Summary</b>						<b>92,942,520</b>		<b>95,628,720</b>		<b>100,463,960</b>

Note: 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.

2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.

3. The cost of foundation work related to ramp located in the open area in b/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.

4. The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance sheds already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.

5. Cost of all works related to external elevation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.

6. O.H tank (fiber glass food grade material) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.

7. All necessary works (i.e. water supply, sewerage, gas, electrical etc connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



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Summary of Schedule No-5  
(Design Services)

Item No.	Description	Unit	Qty	Engineer's Estimates		M/s. KAPEC		M/s. ACC	
				Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
	<i>Note: In accordance with Specifications - Schedule of Works &amp; Drawings for complete execution of following facilities on covered area basis for building</i>								
a)	Topographic Survey	Sft.	107,448	5	537,240	10	1,074,480	5	537,240
b)	Soil Investigation	Sft.	107,448	7	752,136	12	1,289,376	8	859,584
c)	Foundation Design	Sft.	107,448	10	1,074,480	20	2,148,960	120	12,893,760
d)	Steel Structure Design	Sft.	107,448	140	15,042,720	190	20,415,120	150	16,117,200
e)	Electrical Design	Sft.	107,448	10	1,074,480	20	2,148,960	30	3,223,440
f)	Plumbing Design	Sft.	107,448	8	859,584	20	2,148,960	40	4,297,920
g)	Submission of working / shop drawings for Architectural, Structural, Electrical & Plumbing works etc.	Sft.	107,448	10	1,074,480	5	537,240	25	2,686,200
<b>TOTAL. Carried to Grand Summary</b>					<b>20,415,120</b>		<b>29,763,096</b>		<b>40,615,344</b>

Note: 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.

2. Payment will be made on submission / approval of design/drawings by Project Manager/ Engineer.



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Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>										
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter- 18 (b & c) / P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including dabbelling, dressing, refilling around structure with (suitable) excavated earth, venturing, remaining lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
<b>EARTHWORK</b>										
		b) In Ordinary Soil	6	Cum	112	672	530	3,180	450	2,700
		c) In Hard Soil or Soft murum	4	Cum	126	504	750	3,000	550	2,200
2	Chapter- 4/Item- 5(i)+596(i,ii) / P-16 Vol- III, Part-II	<b>PLAIN CEMENT CONCRETE.</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Peral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.50	Cum	5,173	2,587	7,500	3,750	9,500	4,750
			100mm brick Ratio 1:4:8							



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Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>										
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter- 1/Item- 18 (b & c) /P-4 Vol-III, Part-II	Excavation in foundation of basins, bridges and other structures including lagbelling dressing refilling around structure with (suitable) excavated earth watering, remaining lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
<b>EARTHWORK</b>										
		a) In Ordinary Soil	6	Cum	112	672	530	3,180	450	2,700
		b) In Hard Soil or Soft murrum	4	Cum	126	504	750	3,000	530	2,200
2	Chapter- 4/Item- 5(i)+196(i,ii) /P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE.</b> Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	0.50	Cum	5,173	2,587	7,500	3,750	9,500	4,750
100mm brick Ratio 1:4:8										



*E. A. Consulting (Pvt.) Ltd*

Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
5	Chapter-5/Item-4 (I) d P-20,21 Vol-III, Part II	<b>BRICK MASONRY WORK</b> Provide and laying pecca brick work baffle wall in foundation and plinths etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Cum	4,301	4,301	7,000	7,000	6,500	6,500
6	Chapter-11(b)P-52 Vol-III, Part II	<b>Baffle Wall</b> Cement sand mortar Ratio 1:5 <b>PLASTER</b> Providing and applying cement plaster 14 up to 17" height 1/2" thick etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	23	Sq.m	246	5,658	450	10,350	355	8,165
7		<b>1/2" Thick on internal surface of tank</b> <b>C.I MANHOLE COVER</b> Providing and fixing C.I Manhole Cover & frame including cost of material etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	100	Kg	140	14,000	200	20,000	225	22,500
			<b>Total Cost of 01 No</b>			<b>142,134</b>		<b>170,600</b>		<b>202,715</b>
			<b>Assessed Premium to Bring it at-Par With Current Market Rates</b>		15%	21,320				
			<b>Sub-Total of Part-A</b>			<b>163,454</b>		<b>170,600</b>		<b>202,715</b>

PART-B NON-SCHEDULE ITEMS



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Establishment of Comprehensive High School in Sindh  
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			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p><b>ALL items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</b></p>										
<b>PART-A SCHEDULE ITEMS</b>										
<b>EARTHWORK</b>										
1	Chapter-1/Item-18 (b & c) P-4 Vol-III, Part-I	Excavations in foundation of building, bridges and other structures including dewatering (including refilling around structure with suitable excavated earth wearing, ramming lead up to 3 feet etc. complete in all respect as per specifications & relevant approved drawings), all works to the entire satisfaction of the Engineer/Project Manager								
2	Chapter-4/Item-5(i)-19K(i) JP-16 Vol-III, Part-II	<p>b) In Ordinary Soil</p> <p>c) In Hard Soil or Soft marum</p> <p><b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Panel work (2nd class) horizontal &amp; vertical etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>	16 11	Cu.m Cu.m	112 126	1,792 1,386	424 750	6,784 8,250	450 550	7,200 6,050
		100mm thick Ratio 1:4:8	2	Cu.m	5,173	10,346	7,500	15,000	9,500	19,000



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Sr. No	Sindh Sch. 2012 Chapter/Item No / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-4/Item-6 (b) P-16, 17 Vol-III, Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, strutting, curing, rendering and finishing the exposed surface (including screening and washing of shingle). RC work in roof, slab, beams, columns, walls, lintels and other structures members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 C8 and 4 Ch thingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	3	Cu.m	11,903	35,709	12,000	36,000	13,500	40,500
		i) 175mm Thick R.C.C 1:2:4 in Walls	5	Cu.m	11,903	59,515	12,500	62,500	13,500	67,500
		ii) 125mm Thick R.C.C 1:2:4 in Top Slab	2	Cu.m	11,903	23,806	12,000	24,000	12,200	24,400
4	Chapter-4/Item-8 (b) P-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fixings including cost of binding wire (also includes removal of rust from bars.) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chains etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Kg	100	100	135	135	150	150
5	Chapter-9/Item-13(b) P-52 Vol-III, Part-II	<b>PLASTER</b> Providing and applying cement plaster 1:6 up to 17 height 1/2" thick etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	29	Sq.m	237	6,873	450	13,050	390	10,150



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Establishment of Comprehensive High School in Sindh  
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Comparative Statement

Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates				M/A. KAPEC		M/A. ACC	
			Qty	Units	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter-2/Item- J 1/P 35 Vol-III Part-III	<b>C.I MANHOLE COVER</b> Providing and fixing C.I Manhole Cover & frame including cost of material etc. complete in all respect as per specifications & relevant approved drawing, all works to the entire satisfaction of the Engineer/Project Manager.	50	Kg.	140	7,000	200	10,000	220	11,000
		C.I cover 45 cm (18") dia (weight 50 kg Each)				146,527		175,719		185,950
		Assessed Premium to bring it at-Par With Current Market Rates				21,979				
		Sub-Total of Part-A				168,506		175,719		185,950
<b>PART-B NON-SCHEDULE ITEMS</b>										
7		Providing fabricating and fixing of 20mm (3/4") dia C.I hedderrings in Septic/T.O water tank as shown in drawing painting with rust proof paint (or any height as per (Part) etc, complete in all respect as per specifications & relevant approved drawing, all works to the entire satisfaction of the Engineer/Project Manager.	14	Nos	494	6,921	400	5,600	350	4,900
		Sub-Total of Part-B				6,921		5,600		4,900
		Total Cost of 01 No (Part A+B)				175,427		181,319		190,850
		Total Cost of 03 Nos Carried to Grand Summary			3	526,281		543,957	3	572,550



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Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/a. KAPEC		M/a. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>										
<b>PART-A SCHEDULE ITEMS</b>										
<b>EARTHWORK</b>										
1	Chapter- 18/Item- 18 (b & c), P-4 Vol-III, Part-III, II	Excavation in foundation of building, bridges and other structures including dabbelling, dabbelling, refilling around structure with (granular) approved earth having minimum limit up to 3 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		b) In Ordinary Soil	73	Cum	112	8,176	424	30,952	450	32,850
		c) In Hard Soil or Soft murrum	49	Cum	126	6,174	750	36,750	550	26,950
2	Chapter- 29/Item- 29 P-26 Vol-III, Part-III	<b>BACK-FILLING WITH SANDY/GHASSOO MATERIAL</b> Supplying and filling sand (sandy / ghassoo material) under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		<b>PLAIN CEMENT CONCRETE</b>	55	Cu.m	403	22,165	1,590	87,450	1,350	74,250



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Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/a. KAPEC		M/a. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>										
<b>PART-A SCHEDULE ITEMS</b>										
<b>EARTHWORK</b>										
1	Chapter- 18/Item- 18 (b & c), P-4 Vol-III, Part-III, II	Excavation in foundation of building, bridges and other structures including dabbelling, dabbelling, refilling around structure with (granular) approved earth having minimum limit up to 3 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		b) In Ordinary Soil	73	Cum	112	8,176	424	30,952	450	32,850
		c) In Hard Soil or Soft murrum	49	Cum	126	6,174	750	36,750	550	26,950
2	Chapter- 29/Item- 29 P-26 Vol-III, Part-III	<b>BACK-FILLING WITH SANDY/GHASSOO MATERIAL</b> Supplying and filling sand (sandy / ghassoo material) under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		<b>PLAIN CEMENT CONCRETE</b>	55	Cu.m	403	22,165	1,590	87,450	1,350	74,250



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**Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement**

Sr. No	Sindh Sch. 2012 Chapter/It em # / Page #	Description	Engineer's Estimates				M/A. KAPEC		M/A. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
7	Chapter- 5(1) Vol-III, Part-II	<b>Brick masonry Sub-structure</b> Cement sand mortar Ratio 1:4 Provide and laying pucca brick work in ground floor etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	21	Cum	4,415	92,715	7,500	157,500	6,500	136,500
8	Chapter- 5(1) Vol-III, Part-II	<b>Brick masonry Super-structure</b> Cement sand mortar Ratio 1:4 <b>CEMENT POINTING</b> Providing and applying Cement pointing deep struck joints ratio 1:3 on walls etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	76	Cum	4,672	355,072	7,500	570,000	6,500	494,000
9	Chapter- 18,11/ Item- 8+9 +4d (C)/P-53 Vol-III, Part-II	<b>BARBED WIRE FENCING</b> Providing & fixing barbed wire fencing with 12 gauge-4 points @ 6" apart barbed wire i/c straightening & fixing in angle iron vertical post of size 2"x2"x1/4" embedded in RCC/masonry pillars i/c making cut/holders @ 12" including fixing in pillars by chiselling and filling with cement sand mortar, scraping & finishing the surface with and including 2 coats of enamel painting over a coat of primer etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1,120	Sq.m	131	172,920	325	429,000	350	462,000
		<b>RCC PRE-CAST CONCRETE (SUPER-STRUCTURE)</b>	262	Rm	615	161,130	400	104,800	375	98,250



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<b>PART-A SCHEDULE ITEMS</b>										
<b>EARTHWORK</b>										
1	Chapter-18 (b & c) / P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including dabbelling, drossing, refilling around structure with (suitable) excavated earth, wastering, running lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		b) In Ordinary Soil	12	Cum	112	1,344	530	6,360	450	5,400
		c) In Hard Soil or Soft morum	8	Cum	126	1,008	850	6,800	550	4,400
2	Chapter-19 (i) & (ii) / P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE.</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with cretion and removal of centering/shuttering for RCC or plain cement concrete works of Paral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
		100mm thick Ratio 1:4:8	1	Cum	5,173	5,173	7,500	7,500	9,500	9,500
<b>STONE MASONRY WORK</b>										



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Sr. No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-6/Item-1 d (1) P-27 Vol-III, Part-II	Providing and Laying Random, rubble masonry (uncoursed), in foundation and plinth with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	16	Cu.m	6,978	111,648	8,500	136,000	7,500	120,000
4	Chapter-11/Item-2/P. 56 Vol-IV, Part-IV	Dry masonry cement sand mortar Ratio 1:3 <u>COURSE GRAVEL IN SOAKAGE PIT</u> Supplying and stacking at site course gravel of size 1/8" to 1/4" (60mm to 160mm) using 40 sieving washing and spreading the same in filter beds to correct level etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	3	Cu.m	1,045	3,135	1,768	5,304	1,350	4,050
5	Chapter-4/Item-6 (1) P-16,17 Vol-III, Part-II	<u>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</u> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of shingle), RC work in roof slab, beams, columns, rafts, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	0.50	Cu.m	11,903	5,952	12,500	6,250	13,500	6,750
i) 100mm Thick R.C.C 1:2:4 in top Slab										



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-6/Item-1d (1) P-27 Vol-III, Part-II	Providing and Laying Random, rubble masonry (uncoursed), in foundation and plinth with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	16	Cu.m	6,978	111,648	8,500	136,000	7,500	120,000
4	Chapter-1/Item-2/P. 56 Vol-IV, Part-IV	Dry masonry cement sand mortar Ratio 1:3 <u>COURSE GRAVEL IN SOAKAGE PIT</u> Supplying and stacking at site course gravel of size 1/8" to 1/4" (80mm to 160mm) along with screening washing and spreading the same in filter beds to correct level etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	3	Cu.m	1,045	3,135	1,768	5,304	1,350	4,050
5	Chapter-4/Item-6 (1) P-16, 17 Vol-III, Part-II	<u>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</u> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of shingle), RC work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	0.50	Cu.m	11,903	5,952	12,500	6,250	13,500	6,750
		i) 100mm Thick R.C.C 1:2:4 in top Slab								



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			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)		
<p><b>PART-A SCHEDULE ITEMS</b></p> <p><b>EARTHWORK</b></p> <p>Excavation in foundation of building, bridges and other structures including daggelling dressing refilling around structure with (suitable) excavated earth watering, ramming lead up to 5 feet etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>												
1	Chapter- 1/Item- 18 (b & c) /P-4 Vol-III, Part-II											
2	Chapter- 5/Item- 29 /P-26 Vol- III, Part-III	<p>b) In Ordinary Soil</p> <p>c) In Hard Soil or Soil murrum</p> <p><b>BACK-FILLING WITH SANDY/ GHASOO MATERIAL</b></p> <p>Supplying and filling sand (sandy / ghasoo material) under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications &amp; relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.</p>	20 14	Cum Cum	112 126	2,240 1,764	424 750	8,480 10,500	450 550	9,000 7,700		
			12	Cum	403	4,836	1,600	19,200	1,550	18,600		



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-4/Item-5(i)+19b(i,ii)P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE.</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Purlin wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	12	Cum	5,173	62,076	7,500	90,000
		Lean concrete Ratio 1:4:6					9,500	114,000
4	Chapter-5/Item-4 (i) e/P-20, Vol-III, Part-II	<b>BRICK MASONRY WORK</b> Provide and laying pucca brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.						
		<b>Brick masonry Sub-structure</b> Cement sand mortar Ratio 1:4	11	Cum	4,115	48,565	7,500	82,500
5	Chapter-5/Item-5 (i) e/P-21, Vol-III, Part-II	<b>Brick masonry Super-structure</b> Cement sand mortar Ratio 1:4	22	Cum	4,627	101,794	7,500	165,000



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Engr. M. A. J.

Engr. M. A. J.

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 1/Item- 22*13b/P-4 Vol-III, Part-II	<b>EARTH-FILLING (New Earth from Outside Sources)</b> Filling watering and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	150	Cu.m	141	21,150	1,600	240,000
7	Chapter- 5/Item- 29 P-26 Vol- III, Part-III	<b>SAND FILLING</b> Supplying and filling sand under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	46	Cu.m	403	18,538	1,750	80,500
8	Chapter- 4/Item- 2/P- 15 Vol-III, Part-II	150mm Thick sand filling <b>BRICK OR STONE BALLAST UNDER FLOOR</b> Dry rammed brick or stone ballast 1-1/2" to 2" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager (Overall thickness of soling 9" (225mm) thick)	55	Cu.m	1,175	64,625	3,500	192,500
9	Chapter- 8/Item- 71/P- 49 Vol-III, Part-II	<b>PAVERS ON FOOT PATH</b> Providing and fixing cement paving blocks flooring having size of 197x197x60mm of city/quidraw/cobble shape with natural colours, having strength b/w 5000 psi including filling the joints with full sand and laying in specified manner/pattern and design etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	85	Sq.in	2,150	182,750	3,500	297,500
						382,500		



KERB STONE

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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter-1/Item-22*13b/P-4 Vol-III, Part-II	<b>EARTH-FILLING (New Earth from Outside Sources)</b> Filling watering and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet. including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc. complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager.	150	Cu.m	141	21,150	1,600	240,000
7	Chapter-5/Item-29 P-26 Vol-III, Part-III	<b>SAND FILLING</b> Supplying and filling sand under floor/foundation and plugging in walls of approved outside sources etc. complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager.	46	Cu.m	403	18,538	1,750	80,500
8	Chapter-4/Item-2/P-15 Vol-III, Part-II	<b>BRICK OR STONE BALLAST UNDER FLOOR</b> 150mm Thick sand filling Dry rammed brick or stone ballast 1-1/2" to 2" gauge etc. complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager (Overall thickness of soling 9" (225mm) thick)	55	Cu.m	1,175	64,625	3,500	192,500
9	Chapter-8/Item-71/P-49 Vol-III, Part-II	<b>PAVERS ON FOOT PATH</b> Providing and fixing cement paving blocks flooring having size of 197x197x60mm of city/quidra/cobble shape with natural colour, having strength b/w 5000 psi including filling the joints with hill sand and laying in specified manner/pattern and design etc. complete in all respect as per specifications & relevant approved drawings. all works to the entire satisfaction of the Engineer/Project Manager.	85	Sq.m	2,150	182,750	3,500	297,500
						382,500		



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
6	Chapter- 1/Item- 22*13b/P-4 Vol-III, Part-II	<b>EARTH-FILLING (New Earth from Outside Sources)</b> Filling watering and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	150	Cu.m	141	21,150	1,600	240,000
7	Chapter- 5/Item- 29 P-26 Vol- III, Part-III	<b>SAND FILLING</b> Supplying and filling sand under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	46	Cu.m	403	18,538	1,750	80,500
8	Chapter- 4/Item- 2/P- 15 Vol-III, Part-II	150mm Thick sand filling <b>BRICK OR STONE BALLAST UNDER FLOOR</b> Dry rammed brick or stone ballast 1-1/2" to 2" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager (Overall thickness of soling 9" (225mm) thick)	55	Cu.m	1,175	64,625	3,500	192,500
9	Chapter- 8/Item- 71/P- 49 Vol-III, Part-II	<b>PAVERS ON FOOT PATH</b> Providing and fixing cement paving blocks flooring having size of 197x197x60mm of city/quidraw/cobble shape with natural colours, having strength b/w 5000 psi including filling the joints with full sand and laying in specified manner/pattern and design etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	85	Sq.in	2,150	182,750	3,500	297,500



KERB STONE

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Establishment of Comprehensive High School in Sindh  
Package-A Sujawal, Thatta and Badin  
Comparative Statement

Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-4/Item-6 a) WP-16, 17 Vol-III, Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of stangle) RC work in roof slab, beams, columns rafts, Lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Ch sand 4 Ch stangle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	0.340	Cu.m	11,903	4,047	12,000	4,080	15,000	5,100
4	Chapter-4/Item-8 (b) WP-17 Vol-III, Part-II	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars,) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chain etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.384	Cu.m	11,903	4,571	12,000	4,608	15,000	5,760
b) Using Top Bars (Reinforcement of Sub Structure)			128.00	Kg	100	12,800	16,000	150	19,200	
<b>Total Cost of 01 No</b>						<b>22,599</b>	<b>26,881</b>		<b>32,573</b>	
Assessed Premium to Bring it at-Par With Current Market Rates					1.5%	3,390				



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Assessed Premium to Bring it at-Par With Current Market Rates 1.5%

Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p><i>All rates unless indicated to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</i></p>										
<b>PART-A SCHEDULE ITEMS</b>										
1	Chapter-1/Item-18 (b & c) / P-4 Vol-III, Part-II	<b>EARTHWORKS</b> Excavation in foundation of building, bridges and other structures including daggelling dressing refilling around structure with (suitable) excavated earth, watering, ramming lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	96 64	Cu.m Cu.m	112 126	10,752 8,064	424 750	40,704 48,000	450 550	43,200 35,200
2	Chapter-1/Item-24 /P-77 Vol-IV, Part-VI	<b>BACK-FILLING</b> Refilling the excavated stuff in trenches 6" thick (150mm) layers including watering, ramming to full compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	57	Cu.m	97	6,499	530	35,510	650	43,550
3	Chapter-1/Item-22+130/P-4 Vol-III, Part-II	<b>EARTH-FILLING (New Earth from Outside Sources)</b> Filling watering and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1,630	Cu.m	141	229,830	1,238	2,017,940	1,350	2,200,500
<p><b>PLAIN CEMENT CONCRETE</b></p>										



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Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
		<i>All items unless indicated to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</i>								
<b>PART-A SCHEDULE ITEMS</b>										
		<b>EARTHWORK</b>								
1	Chapter-1/Item-18 (b & c) / P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including dabbelling (dressing refilling, around structure with (suitable) excavated earth, watering, ramming lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
		b) In Ordinary Soil	96	Cu.m	112	10,752	424	40,704	450	43,200
		c) In Hard Soil or Soft murum	64	Cu.m	126	8,064	750	48,000	550	35,200
		<b>BACK-FILLING</b>								
2	Chapter-1/Item-24 / P-77 Vol-IV, Part-VI	Refilling the excavated stuff in trenches 6" thick (150mm) layers including watering, ramming to full compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
			67	Cu.m	97	6,499	530	35,510	650	43,550
		<b>EARTH-FILLING (New Earth from Outside Sources)</b>								
3	Chapter-1/Item-22+13b/P-4 Vol-III, Part-II	Filling watering and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
			1,630	Cu.m	141	229,830	1,238	2,017,940	1,350	2,200,500



PLAIN CEMENT CONCRETE

Pvt.

Engineer  
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Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
7	Chapter-4/Item-8 (b) P-13 Vol III, Part-II	Substitution of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chain etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	14,622	Kg	100	1,462,200	120	1,754,640	150	2,193,300
8	Chapter-4/Item-2/P-15 Vol-III, Part-II	b) Using Tar Bars (Reinforcement of Sub Structure) <b>BRICK OR STONE BALLAST UNDER FLOOR</b> Dry rammed brick or stone ballast 1-1/2" to 2" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	208	Cum	1,175	244,400	3,500	728,000	4,500	936,000
9	Chapter-4/Item-5 (j) P-19b (i) Vol-16 Part-II	<b>PLAIN CEMENT CONCRETE UNDER FLOOR</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with cretion and removal of centering/scaffolding for RCC or plain cement concrete works of Part 19b (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	70	Cum	5,173	362,110	7,500	525,000	9,500	665,000
		50mm thick PCC 1:4:8 under Ground Floor	70	Cum	6,282	439,740	9,500	665,000	14,500	1,015,000
		50mm thick PCC 1:2:4 with Durscrete under Ground Floor	1	Cum	5,173	5,173	8,500	8,500	9,500	9,500
		75mm thick PCC 1:4:8 under Ramp Floor								



Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
10	Chapter-18 /Item- 92 /P-109 Vol-III, Part-II	<b>TERMINAL PROOFING</b> Providing Anti-termite treatment (Biflex-FMC or equivalent approved ) as per manufacturer specifications) by spraying /sprinkling / spreading Neptachlor 0.5% Emulsion as an over all pre-construction treatment in slab type construction under the slab and along arches perches or entrances etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	2,046	Sq.m	105	214,830	125	255,750	185	378,510
11	Chapter-1 /Item- 9 /P-71 Vol-III, Part-II	<b>WALLS COATING</b> Plastering coating to plastered, in cement concrete (Horizontal & vertical) surface etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	146	Sq.m	84	12,264	150	21,900	175	25,550
12	Chapter-5/Item- 4 (3) e/P-20,21 e/P-20,21 Vol-III, Part-II	<b>BRICK MASONRY WORK</b> Provide and laying pecca brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	9	Cum	4,220	37,980	7,500	67,500	9,500	85,500
		<b>Ramps and Entrance steps</b> Cement sand mortar Ratio 1:6								
		<b>PLINTH PROTECTION WORK</b>								



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Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)
13	Chapter-4/Item-5 (G+1)9b(i,ii) P-16 Vol-III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Parial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.							
14	Chapter-5/Item-4 (I) e/P-20,21 Vol-III, Part-II	75mm thick PCC Ratio 1:4:8 Provide and laying pucca brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	9	Cu.m	5,173	46,557	7,500	67,500	
15	Chapter-1/Item-22+13b/P-4 Vol-III, Part-II	<i>Plinth Protection steps</i> Cement sand mortar Ratio 1:6 Filling, wetting and ramming earth under floors with new earth (excavated from outside) lead up to one chain and lift up to 5 feet, including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and wetting for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	24	Cu.m	4,220	101,280	8,500	204,000	
16	Chapter-4/Item-5 (G+1)9b(i,ii) P-16 Vol-III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Parial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	108	Cu.m	141	15,228	1,250	135,000	
		50mm thick PCC 1:4:8 under Plinth Protection Floor	12	Cu.m	5,173	62,076	7,500	90,000	



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Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
17	Chapter-4/Item-5(b)+19b(i,ii) P-16 Vol-III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
		50mm thick PCC 1:3:6 under Plinth Protection Floor	14	Cum	5,635	78,890	8,500	119,000	10,500	147,000
		<b>PLASTER</b> Providing and applying cement plaster 1/6 up to 12" height 1/2" thick etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
18	Chapter-9/Item-13/3/P-53 Vol-III, Part-II	1/2" Thick on external surface	146	Sq.m	237	34,602	375	54,750	350	51,100
		<b>FLOOR DECKING</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Note: Durable fiber Non scked. Items)								
19	Chapter-4/Item-5(b)+19b(i,ii) P-16 Vol-III, Part-II	75mm thick PCC 1:3:6 under Plinth Protection Floor with Durable fiber	104	Cum	5,635	386,040	12,500	1,300,000	11,500	1,196,000
		<b>ROOF DECKING</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.								
20	Chapter-4/Item-5(b)+19b(i,ii) P-16 Vol-III, Part-II									



Engineer's  
Signature

Sr. No.	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
17	Chapter-4/Item-5(b)+19b(i), ii) P-16 Vol-III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager								
18	Chapter-9/Item-17(b)+53 Vol-III, Part-II	50mm thick PCC 1:3:6 under Plinth Protection Floor <b>PLASTER</b> Providing and applying cement plaster 16 up to 12" height 1/2" thick etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	14	Cum	5,635	78,890	8,500	119,000	10,500	147,000
19	Chapter-4/Item-5(b)+19b(i), ii) P-16 Vol-III, Part-II	1/2" Thick on external surface <b>FLOOR DECKING</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Note: Durable fiber Non scked. Items)	146	Sqm	237	34,602	375	54,750	350	51,100
20	Chapter-4/Item-5(b)+19b(i), ii) P-16 Vol-III, Part-II	75mm thick PCC 1:3:6 under Plinth Protection Floor with Durable fiber <b>ROOF DECKING</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Partial wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	104	Cum	5,635	386,040	12,500	1,300,000	11,500	1,196,000



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Comparative Statement

Sr. Nos.	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
1	Providing, installation, testing and commissioning of hot dipped galvanized from inside and outside Octagonal lighting pole of 12 m height with 4mm wall thickness including base plate anchor bolt, nuts and washer, self inspection door with special keys, cable connection box etc., (detail shown in the drawings). Complete in all respects as per specification and drawings.								
2	1. Single Arm Pole. Construction and installation of pole foundation in concrete class "A" reinforcement as per AASHTO M31, lean concrete etc. Excavation and back-filling for the Pole foundation shall be included in this job. Complete in all respects as per specifications and drawings.	Nos	15	70,000	1,050,000	80,000	1,200,000	75,000	1,125,000
		Nos	15	14,500	217,500	10,000	150,000	8,000	120,000
3	Providing, installation, testing and commissioning of street light Fixture Phillips LED 120W, complete in all respects.	Nos	15	120,000	1,800,000	12,000	180,000	18,000	270,000
4	Providing, installation, testing and commissioning of outdoor type IP55 rated Pad mounted Distribution board on concrete pad. This job include with all civil works as per drawing and specifications, complete in all respect.								
	<b>BB-1</b> <b>INCOMING</b> 1 No. 20 ATP MCCB (15 KA) <b>OUTGOING</b> 3 Nos. 10 SP MCCB	No	1	70,000	70,000	75,000	75,000	95,000	95,000



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 - A signature on the right side.  
 - Initials 'S' and 'R' below the signature.  
 - The name 'E. Ahmed' written vertically on the left side of the signature area.

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Comparative Statement

Sr. Nos.	Description	Engineer's Estimates			M/s. KAPEC		M/s. ACC		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
5	Providing, installation, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables of incoming cable to DB directly buried including excavation and backfilling of size as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.								
6	1 4c-25 mm sq. PVC/PVC Providing, installation, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables from DB to Lighting Pole and Lighting Pole directly buried including excavation and backfilling of size as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.	RM	50	1,700	85,000	1,625	81,250	1,250	67,500
7	1 4c-16 mm sq. PVC/PVC Providing, installation, testing and commissioning of 3 Core 2.5 mm sq. PVC / PVC, 450/750 volts grade cable for each light from cable terminal box to luminaries complete in all respect.	RM	500	1,290	645,000	1,080	540,000	1,250	625,000
8	Providing, installation, testing and commissioning of Terminal Box IP 43 including 2 Nos. 3A Circuit Breaker with terminal, complete in all respect.	Nos	15	3,000	45,000	5,000	75,000	8,000	120,000
9	Providing and installation Earth copper rod 3 meter long and 20mm dia for lighting poles earthing. The rod shall be directly driven to ground to obtain earth resistance not more than 5 ohm, the 6 SWG bare copper conductor from earth rod to lighting pole also included in this job. Complete as per drawing, specification or as directed by the Engineer.	Nos.	4	30,000	120,000	50,000	200,000		



Engineer: J. S. J.

(Signature)

Comparative Statement

Sl. Nos.	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
10	Providing, installation, testing & commissioning of following Copper PVC insulated (yellow/green) earth continuity cable from earth pit to respective DB and between pole to pole as per specification & drawings.								
11	1 to 10 sq mm as ECC Providing and laying of 75 mm dia uPVC class "D" conduit for cables Buried in ground as per drawing. Including excavation for laying of conduit, bricks, warning tape, and backfilling with new and fresh sand (6" under and 6" above pipe) - compaction and plugging of conduits ends etc as shown on drawing, complete in all respect.	RM	600	200	120,000		2,000	4,000	2,400,000
		RM	450	1,200	540,000	585,000	1,300	950	427,500
12	Supply, installation, testing & commissioning of 100 KVA, pole mounted Transformer The make shall be PEl., Siemens or Climax including all accessories such as Poles, platform, cross arm, insulated copper conductor, dropout fuse switches complete in all respect as per WAPDA specifications.	No.	1	700,000	700,000	700,000	500,000	500,000	
13	Provisional sum for obtaining electrical 11KV power supply connection from WAPDA with all necessary requirements including meter, circuit breaker / cutouts, necessary power cables and all installation material required for the connection and licencing with WAPDA for approval of the load, complete in all respect.	Job	1	250,000	250,000	500,000	200,000	200,000	
<b>TOTAL COST OF 01 No.</b>					<b>5,672,500</b>				<b>6,150,000</b>
<b>TOTAL COST OF 03 Nos. Carried to Grand Summary</b>					<b>17,017,500</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>18,450,000</b>



*Engineer's Signature*

Comparative Statement

Sr. Nos.	Description	Engineer's Estimates				M/s. KAPEC		M/s. ACC	
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
10	Providing, installation, testing & commissioning of following Copper PVC insulated (yellow/green) earth continuity cable from earth pit to respective DB and between pole to pole as per specification & drawings.								
11	1. 1c- 10 sq mm as ECC Providing and laying of 75 mm dia uPVC class 'D' conduit for cables. Buried in ground as per drawing including excavation for laying of conduit, bricks, warning tape, and backfilling with new and fresh sand (6" under and 6" above pipe), compaction and plugging of conduits ends etc as shown on drawing, complete in all respect.	RM	600	200	120,000	2,000	1,200,000	4,000	2,400,000
		RM	450	1,200	540,000	1,300	585,000	950	427,500
12	Supply, installation, testing & commissioning of 100 KVA, Pole mounted Transformer The make shall be PFL, Siemens or Cimrax including all accessories such as Poles, platform, cross arm, insulated copper conductor, dropout fuse switches complete in all respect as per WAPDA specifications.	No.	1	700,000	700,000	700,000	700,000	500,000	500,000
13	Provisional sum for obtaining electrical 11KV power supply connection from WAPDA with all necessary requirements including meter, circuit breaker / cutouts, necessary power cables and all installation material required for the connection and lionsoning with WAPDA for approval of the load, complete in all respect.	Job	1	250,000	250,000	500,000	500,000	200,000	200,000
<b>TOTAL COST OF 01 No.</b>					<b>5,672,500</b>		<b>5,746,250</b>		<b>6,150,000</b>
<b>TOTAL COST OF 03 Nos. Carried to Grand Summary</b>				<b>3</b>	<b>17,017,500</b>	<b>3</b>	<b>17,238,750</b>	<b>3</b>	<b>18,450,000</b>



*Engineer's Signature*  
*Signature*



(C)

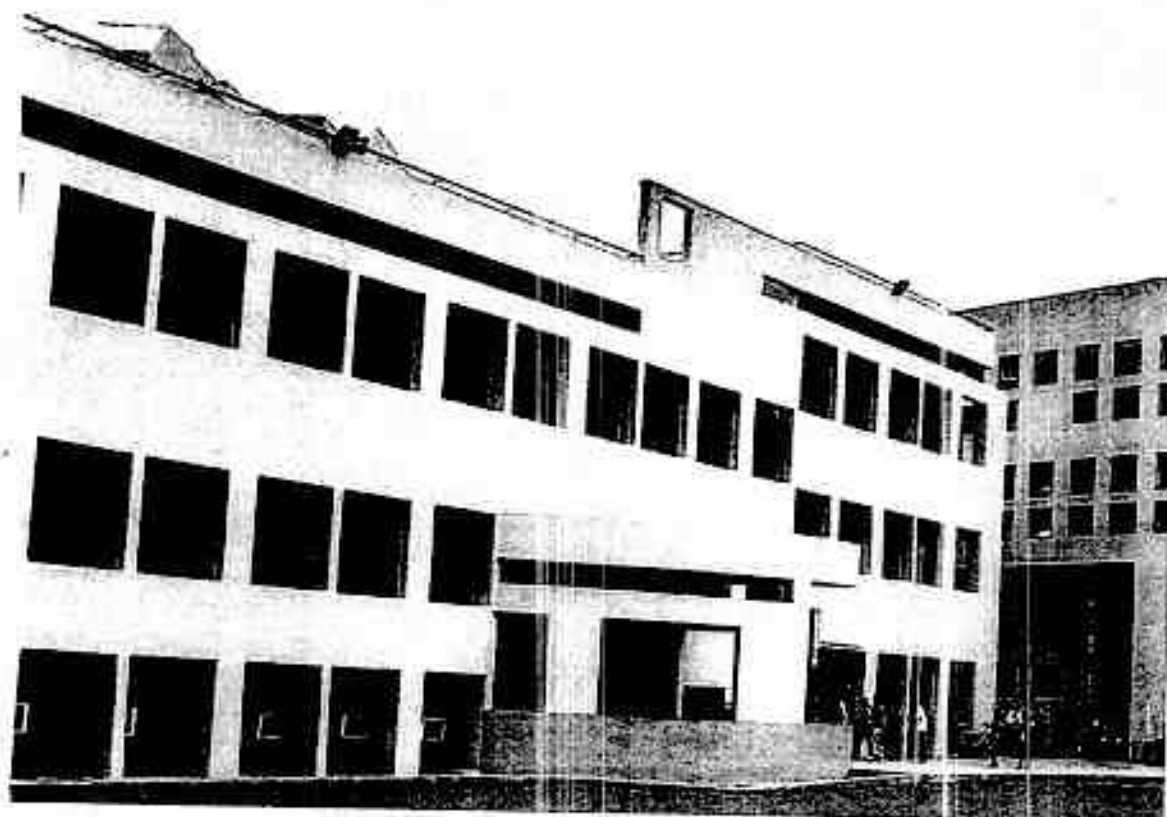


GOVERNMENT OF SINDH

Project Management & Implementation Unit  
Education & Literacy Department, Karachi

June, 2014

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS  
IN SINDH (25 Nos.)**



**BID EVALUATION REPORT**

**PACKAGE - C**  
**Tando Allah-yar, Mirpurkhas and Umerkot**

**Tender No - 8**

*Check*



**EA Consulting Pvt Ltd**

(Solely Engineering Associates)

Engineering, Architecture & Project Management

Head Office: Pl. 8, 19th Lane, Khayaban-e-Hayat,

Phase VII, D.H.A., Karachi-75200.

Tel: UAN: 111-111-584, Fax: (021) 3084-1825



**BID EVALUATION REPORT**  
(Technical & Financial)

**PACKAGE C**

FOR  
**Construction of Comprehensive High  
Schools In Sindh**

21



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        5.1.1 PRELIMINARY EXAMINATION REQUIREMENT.....

        5.1.2 BID SECURITY.....

        5.1.3 SCRUTINY OF BILL OF QUANTITIES.....

            i) KASHMIR PRE-ENGINEERED CONSTRUCTION (PVT) LTD.....

            ii) ASIAN CONSTRUCTION COMPANY.....

    5.2 TECHNICAL EVALUATION .....

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    A Notice Inviting Tenders

    B Copy of Bids opening Statement and Attendance Sheet

    C Statement of Results of Preliminary Examination.

    D Copy of Bid Securities

    E Technical Evaluation.

    F Comparative Statement with copies of Bill of Quantities



*[Handwritten signatures and initials]*

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    E Technical Evaluation.

    F Comparative Statement with copies of Bill of Quantities



*[Handwritten signatures and initials]*

Following bidders representative were present:

- |                   |                                |
|-------------------|--------------------------------|
| 1. Mr. Rizwan Ali | M/s Asian Construction Company |
| 2. Mr. M. Amir    | M/s Pakistan Electric Works    |
| 3. Mr. Asif       | M/s Al-Imad                    |
| 4. Mr. Asrar      | M/s Muhammad Hasni Builders.   |

#### 4. OPENING OF BIDS

The position of the four Bids at the time of opening was as under:

S.No:	CONTRACTOR	BID AMOUNT (Rs.)	Bid Security Details
1	M/s. Asian Construction Company	510,633,163	Call Deposit Receipt from Bank Alfalah Bank for Rs 10,000,000/-
2	M/s. Pakistan Electric Works	481,248,785	Pay Order from NIB for Rs 10,000,000/-
3	M/s Al-Imad	503,347,611	Bid Security not submitted
4	M/s Muhammad Hasni Builders	505,919,577	Bid Security not submitted

As per the above table, it is clear that M/s Al-Imad and M/s Muhammad Hasni Builders are not eligible for detailed technical and financial evaluation of the bids as they did not submitted Bid Security.

Bid opening statement is enclosed at Annexure "B"

The Project Director (PMIU) forwarded the bids received for the Package-C to EA Consulting (Pvt.) Ltd. for detailed evaluation and preparation of Bid Evaluation Report. It included the four bids received for the above cited work.

#### 5. EXAMINATION AND EVALUATION OF BIDS

Scrutiny based on original copies of Bids were carried out to check if the Bids received were responsive and in accordance with the terms and conditions of the Bidding Documents.

The scope of evaluation has been broadly divided into three areas:-

- Contractual Evaluation
- Technical Evaluation
- Financial Evaluation

EA Consulting Pvt. Ltd.



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## 5.1 CONTRACTUAL EVALUATION

### 5.1.1 PRELIMINARY EXAMINATION REQUIREMENTS

A check list for Preliminary Examination Requirements updated on the received information is enclosed at "Annexure C" based on "Eligibility Criteria" as stated in "Notice Inviting Tender".

Hence, going through Annexure-C, we conclude that the Bids of M/s Pakistan Electric Works and M/s Asian Construction Company are in accordance with the terms and conditions of Notice Inviting Tender and hence are qualified for further detailed examination.

### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

### 5.1.3 SCRUTINY OF BILL OF QUANTITIES

Following is the methodology adopted for Scrutiny of Bill of Quantities in this Bid Evaluation

- First of all the Bid Security is checked and if any bidder is found short of it, his bid is rejected.
- All arithmetical errors are corrected.
- Comparison is done on the basis of Permanent Works.
- The comparison is done after applying any rebate on the arithmetically corrected total amount as offered by any bidder.
- The lowest Bidder's rates are compared with Engineer's Estimate.
- The rates of all other Bidders are also compared with Engineer's Estimate and with those of the lowest Bidder as well.

#### i) Bid Submitted by M/s. Pakistan Electric Works.

After checking of arithmetical errors, they stand as the lowest bidder with their Bid Amounting to **Rs. 472,166,945/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

Discipline	BOQ Page No.	Item No.
External Electrification		9



Bid Security in the form of Pay Order from NIB amounting to Rs. 10,000,000/- was submitted by the bidder as recorded in the Bid Opening Report.



## 5.1 CONTRACTUAL EVALUATION

### 5.1.1 PRELIMINARY EXAMINATION REQUIREMENTS

A check list for Preliminary Examination Requirements updated on the received information is enclosed at "Annexure C" based on "Eligibility Criteria" as stated in "Notice Inviting Tender".

Hence, going through Annexure-C, we conclude that the Bids of M/s Pakistan Electric Works and M/s Asian Construction Company are in accordance with the terms and conditions of Notice Inviting Tender and hence are qualified for further detailed examination.

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### 5.1.1 PRELIMINARY EXAMINATION REQUIREMENTS

A check list for Preliminary Examination Requirements updated on the received information is enclosed at "Annexure C" based on "Eligibility Criteria" as stated in "Notice Inviting Tender".

Hence, going through Annexure-C, we conclude that the Bids of M/s Pakistan Electric Works and M/s Asian Construction Company are in accordance with the terms and conditions of Notice Inviting Tender and hence are qualified for further detailed examination.

### 5.1.2 BID SECURITY

Bid Securities submitted by the bidders along with their Bids are as per requirement of the Bidding Documents. (Copies of Bid securities are enclosed at Annexure "D")

### 5.1.3 SCRUTINY OF BILL OF QUANTITIES

Following is the methodology adopted for Scrutiny of Bill of Quantities in this Bid Evaluation

- First of all the Bid Security is checked and if any bidder is found short of it, his bid is rejected.
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- Comparison is done on the basis of Permanent Works.
- The comparison is done after applying any rebate on the arithmetically corrected total amount as offered by any bidder.
- The lowest Bidder's rates are compared with Engineer's Estimate.
- The rates of all other Bidders are also compared with Engineer's Estimate and with those of the lowest Bidder as well.

#### i) Bid Submitted by M/s. Pakistan Electric Works.

After checking of arithmetical errors, they stand as the lowest bidder with their Bid Amounting to **Rs. 472,166,945/-** for the Permanent Works.

Following arithmetical errors found in their bid have been corrected.

Discipline	BOQ Page No.	Item No.
External Electrification		9



Bid Security in the form of Pay Order from NIB amounting to Rs. 10,000,000/- was submitted by the bidder as recorded in the Bid Opening Report.

# ANNEXURE - A

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## NOTICE INVITING TENDER



*EA*



OFFICE OF THE PROJECT DIRECTOR  
PROJECT MANAGEMENT & IMPLEMENTATION UNIT  
EDUCATION & LITERACY DEPARTMENT GOVERNMENT OF SINDH  
Karachi

## NOTICE INVITING TENDER

**"Design, Supply & Installation of Comprehensive School in the Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works"**

Project Director PMIU, Education and Literacy Department, Government of Sindh (the "Employer") invites, sealed Bids on EPC/Turnkey basis from interested contractors/firms for their Project "Design, Supply & Installation for Establishment of Comprehensive School in the Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" in the following Packages :

Package #	Name of Work	Bid Security	Tender Fee for each package	Time for Completion
A	Sujawal, Thatta and Badin Tender No.6			
B	Hyderabad, Matiari and Kotri Tender No.7			
C	Tando Allah-Yar, Mirpur Khas and Umerkot Tender No.8	2% of quoted Bid Price.	Rs: 4,000/-	18 Months
D	Ghotki, Naushero Feroz and Hawabshah Tender No.9			

- Eligibility:** The interested bidders must have the following qualifications (documentary evidences to be submitted with the Bid):
  - Valid Pakistan Engineering Council (PEC) registration in Category C3 & above.
  - A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani constructor in accordance with the provisions of PEC bye-laws.
  - Valid NTN Certificate from Income Tax Authorities.
  - Should be in construction business for last 5 years or more.
  - Should not be Blacklisted or engaged in any litigation on any project.



Bid

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f. Should have completed two contracts of similar nature in last 5 years.

2. **Method of Procurement.** Single Stage - Single Envelope

3. **Bidding/Tender Documents:**

- (i) **Issuance:** Documents will be issued from date of publication of this notice on payment of tender fee (Non-refundable), until the submission date.
- (ii) **Submission:** Last date will be Date: 26<sup>th</sup> May-2014, by or before 03:00 pm.
- (iii) **Opening:** will be on 26<sup>th</sup> May-2014, 04:00 pm.

4. **Terms & Conditions.**

- (a) Under following conditions bid will be rejected:-
  - (i) Bid not meeting eligibility criteria as stated above
  - (ii) Conditional and telegraphic bids/tenders;
  - (iii) Bids not accompanied by bid security of required amount and form;
  - (iv) Bids received after specified date and time.
  - (v) Black listed firms.
  - (vi) Bid not meeting minimum post qualification requirements as stated in the Bidding Document.
- (b) **Bid validity Period:** - ( 90 ) Ninety days.
- (c) Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.
- (d) **Responsive Bidder is required to submit following documents with bid:** Minimum requirement is stated in the Bidding Document IB-14(14.1, 14.2 & 14.3)

The Bidding and Contract Documents with Drawings will be collected, returned and opened as per said dates to the following address:

*Signature*

**Project Director**

Project Management and Implementation Unit Education & Literacy

Department, Government of Sindh

D-62/3 Opposite Bacon House KG-2 School near Kauser Medicos,

Block-9, Clifton-Karachi.

Tel: 021.99237084 Fax. 021.35166042



*Signature*

*Signature*

*Signature*

*Signature*

*Signature*

# **ANNEXURE – B**

## **ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY**



*EA*



# **ANNEXURE – B**

## **ATTENDANCE SHEET FOR FINANCIAL BID OPENING AND FINANCIAL BID SUMMARY**



*EA*

Results of Preliminary Examination

S.No	Description	M/s Asian Construction Company	M/s Pakistan Electric Works	Remarks
		1	2	
	<b>1. Eligibility Criteria:</b>			
a	Valid Pakistan Engineering Council (PEC) registration in Category "C3" and above.	Provided	Provided	
b	A Foreign Bidder is entitled to bid only in a joint venture with a Pakistani Constructor in accordance with the provisions of PEC bye-laws.	N/A	N/A	
c	Valid NTN Certificate from Income Tax Authorities.	NTN # 0374978-9*	Provided	* NTN Certificate not provided
d	Should be in Construction Business for the last 5 years or more.	Not Provided	Provided	
e	Should not Black Listed or engaged in any Litigation on any project.	Provided	Provided	
e	Should have completed two contracts of similar nature in last 5 years.	Yes	Yes	
	<b>3. Substantial Responsiveness</b>	Yes	Yes	
	<b>4. Accepted for Detailed Examination</b>	Yes	Yes	



*By Handwritten Signature*

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# ANNEXURE – D

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COPIES OF BID SECURITIES SUBMITTED  
ALONG THE BID

Q1



# ANNEXURE - E

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## TECHNICAL EVALUATION



*EA*

---

S.No	Description	Asian Construction Company	Pakistan Electric Works	Remarks
1	Letter of Technical Bid	1 Provided*	2 Provided	* Company Seal required
2	Schedules to Bid			
i	Schedule A	Provided	Provided	
ii	Schedule B	Provided but not satisfactory	Provided	
iii	Schedule C	Method of Performing Works	Provided	
iv	Schedule D	Proposed Programme of Works	Provided	
v	Schedule E	Works to be performed by Subcontractors	Provided	* Resubmit
vi	Schedule F-1	Deviations from Technical Provisions	Provided	
vii	Schedule F-2	Deviations from Contractual Conditions	Provided	
viii	Schedule G	Specific Operation/Plant & Equipment Detail	Provided	
ix	Schedule H	Specimen JV Agreement	Provided	
x	Schedule I	Past Performance and Present Commitments	Provided	
xi	Letter of Price Bid	Past Performance Provided, they have no present Commitments	Provided	* Company Seal required
xii	Schedule J	Integrity Pact	Provided	
xiii	Schedule K	Estimated Progress Payments	Provided	
xiv	Schedule L	L.S Cost Breakdown for Major Cost Items	Provided	



*Signature*

*Signature*

*Signature*

*Signature*

S.No	Description	Asian Construction Company	Pakistan Electric Works	Remarks
1	Letter of Technical Bid	1 Provided*	2 Provided	* Company Seal required
2	Schedules to Bid			
i	Schedule A	Provided	Provided	
ii	Schedule B	Provided but not satisfactory	Provided	
iii	Schedule C	Provided but not as required	Provided	
iv	Schedule D	Provided but not complete*	Provided	* Resubmit
v	Schedule E	Not Provided	Provided	
vi	Schedule F-1	Not Provided	Provided	
vii	Schedule F-2	Not Provided	Provided	
viii	Schedule G	Provided but not satisfactory	Provided	
ix	Schedule H	Not Provided	Provided	
x	Schedule I	Past Performance Provided, they have no present Commitments	Provided	
xi	Letter of Price Bid	Provided*	Provided	* Company Seal required
xii	Schedule J	Provided	Provided	
xiii	Schedule K	Not Provided	Provided	
xiv	Schedule L	Not Provided	Provided	



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*[Handwritten signature]*



S.No	Description	Asian Construction Company	Pakistan Electric Works	Remarks
1	Letter of Technical Bid	1 Provided*	2 Provided	* Company Seal required
2	Schedules to Bid			
i	Schedule A	Provided	Provided	
ii	Schedule B	Provided but not satisfactory	Provided	
iii	Schedule C	Provided but not as required	Provided	
iv	Schedule D	Provided but not complete*	Provided	* Resubmit
v	Schedule E	Not Provided	Provided	
vi	Schedule F-1	Not Provided	Provided	
vii	Schedule F-2	Not Provided	Provided	
viii	Schedule G	Provided but not satisfactory	Provided	
ix	Schedule H	Not Provided	Provided	
x	Schedule I	Past Performance and Present Commitments	Provided	
xi	Letter of Price Bid	Provided*	Provided	* Company Seal required
xii	Schedule J	Provided	Provided	
xiii	Schedule K	Not Provided	Provided	
xiv	Schedule L	Not Provided	Provided	



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**Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Comparative Statement**

Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including Fixtures and other materials & goods and spare parts (if any)

Item No.	Description	Engineer's Estimates				M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad	
		Unit	Qty	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
1	<i>Note: In accordance with Specifications - Schedule of Works &amp; Drawings.</i> Supply of the following items, on covered area basis for Building: Structural and Non-structural light gauge cold formed galvanized steel parts of the Main School building including connections and accessories with provision of additional floor expansion in future. <i>Note: Above works excluding foundation &amp; sub structure cost.</i>	Sft.	107,448	1,830	196,629,440	1,950	209,523,600	1,980	212,747,040	1,820	195,555,360	1,800	193,406,400
a)	Decking Sheet	Sft.	107,448	210	22,564,080	135	14,505,480	155	16,654,440	145	15,578,960	140	15,042,720
b)	Wall Cladding	Sft.	107,448	310	33,308,880	395	42,441,960	360	38,681,280	350	37,606,800	290	31,159,920
c)	Ceiling	Sft.	107,448	115	12,356,320	80	8,595,840	82	8,810,736	75	8,058,600	80	8,595,840
2	<b>EQUIPMENT FOR COMPUTER LAB</b>												
a)	Computer Core 15 or latest with Stabilizer	No's	60	75,000	4,500,000	90,000	5,400,000	92,500	5,550,000	88,000	5,280,000	80,000	4,800,000
b)	Server Core 15 or latest	No's	3	90,000	270,000	125,000	375,000	119,500	358,500	118,000	354,000	110,000	330,000
c)	Laser Printer (Latest) Hp or Samsung	No's	6	40,000	240,000	40,000	240,000	36,600	219,600	35,000	210,000	40,000	240,000
d)	A/C 2 Tons Split Type 220 V 50 c/s	No's	3	90,000	270,000	105,000	315,000	96,500	289,500	95,000	285,000	95,000	285,000
e)	U.P.S	No's	40	35,000	1,400,000	50,000	2,000,000	46,700	1,868,000	45,000	1,800,000	40,000	1,600,000
f)	Scanner	No's	20	20,000	400,000	20,000	400,000	19,400	388,000	18,000	360,000	15,000	300,000
g)	Multimedia Projector (Complete with Accessories)	No's	3	80,000	240,000	65,000	195,000	74,600	223,800	75,000	225,000	90,000	270,000
h)	U.S.B (Latest)	No's	24	1,279	30,684	1,050	25,200	1,280	30,720	1,250	30,000	1,500	36,000



*Signature*  
Date: \_\_\_\_\_

**Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Comparative Statement**

**Summary of Schedule No-3  
Supply of Plant (Pre-Engineered Structures) including Fixtures and other materials & goods and spare parts (if any)**

Item No.	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
		Unit	Qty	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
3	EQUIPMENT FOR OFFICE												
a)	Computer Core 15 or latest with Stabilizer	No's	3	60,000	180,000	85,000	255,000	76,800	230,400	75,000	225,000	80,000	240,000
b)	Laser Printer (Latest)	No's	3	30,000	90,000	40,000	120,000	36,200	108,600	35,000	105,000	40,000	120,000
c)	U.P.S.	No's	3	15,000	45,000	23,500	70,500	26,100	78,300	24,500	73,500	30,000	90,000
<b>TOTAL Carried to Grand Summary</b>					<b>272,925,000</b>		<b>284,462,500</b>		<b>286,238,916</b>		<b>265,748,220</b>		<b>256,515,880</b>

- Note:**
1. Covered area in Column of Qty for single storey structures, shall be measured as plinth area including all work of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories above as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.
  2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.
  3. The cost of foundation work related to ramp located in the open area in b/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.
  4. The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance sheds already included in the plinth area of school blocks, whereas for utility buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.
  5. Cost of all works related to external elevation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.
  6. O.H tank (floor glass and grade material) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.
  7. All necessary works (i.e. water supply, sewerage, drains, electrical etc. connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



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**Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Engineer's Estimate**

Summary of Schedule No-4  
(Installation & Other Services)

Item No.	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEB JV		M/s. Al-Imad		
		Unit	Qty	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
	<i>Note: In accordance with Specifications - Schedule of Works &amp; Drawings for complete execution of following facilities in covered area basis for building.</i>												
a)	Installation/Erection of Structure	Sq. Ft.	107,448	65	6,984,120	95	10,207,560	75	8,058,600	70	7,521,360	70	7,521,360
b)	Electrical Conduiting	Sq. Ft.	107,448	35	3,760,680	35	3,760,680	32	3,438,336	30	3,223,440	40	4,297,920
c)	Sanitary Conduiting	Sq. Ft.	107,448	30	2,223,440	25	2,686,200	34	3,653,232	25	2,686,200	35	3,760,680
d)	Installation of Cladding	Sq. Ft.	107,448	50	5,372,400	25	2,686,200	38	4,083,024	35	3,760,680	35	3,760,680
e)	Installation of Decking & False Ceiling	Sq. Ft.	107,448	30	3,223,440	70	7,521,360	85	9,133,080	80	8,595,840	55	3,760,680
f)	Form Concrete	Sq. Ft.	107,448	250	26,862,000	275	29,548,200	245	26,374,760	240	25,787,520	350	37,606,800
g)	Tile Work	Sq. Ft.	107,448	230	24,713,040	245	26,324,760	242	26,002,416	235	25,250,280	200	21,489,600
h)	Electrical Fixtures	Sq. Ft.	107,448	60	6,446,880	60	6,446,880	80	8,595,840	70	7,521,360	40	4,297,920
i)	Plumbing Fixtures	Sq. Ft.	107,448	60	6,446,880	55	5,908,640	47	5,050,056	35	3,760,680	35	3,760,680
j)	Doors & Windows	Sq. Ft.	107,448	30	3,223,440	85	9,133,080	104	11,174,592	95	10,207,560	200	21,489,600
k)	Paint Work	Sq. Ft.	107,448	25	2,686,200	95	10,207,560	92	9,885,216	85	9,133,080	100	10,744,800
<b>TOTAL Carried to Grand Summary</b>					<b>92,942,528</b>		<b>114,432,120</b>		<b>115,399,152</b>		<b>107,448,000</b>		<b>122,490,720</b>

**Note:** 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all areas of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories where as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.  
2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.

- The cost of foundation work related to ramp located in the open area in b/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.
- The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance slabs already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.
- Cost of all works including foundation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.
- O.H line (fiber glass) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.
- All necessary works (mechanical, electrical etc. connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.





Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Engineer's Estimate

Summary of Schedule No-4  
(Installation & Other Services)

Item No.	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEB JV		M/s. Al-Imad		
		Unit	Qty	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)	Unit Rate (Pak Rs.)	Total (Pak Rs.)
	<i>Note: In accordance with Specifications - Schedule of Works &amp; Drawings for complete execution of following facilities on covered area basis for building:</i>												
a)	Installation/Errection of Structure	Sq. Ft.	107,448	65	6,984,120	95	10,207,560	75	8,058,600	70	7,521,360	70	7,521,360
b)	Electrical Conduiting	Sq. Ft.	107,448	35	3,760,680	35	3,760,680	32	3,438,336	30	3,223,440	40	4,297,920
c)	Sanitary Conduiting	Sq. Ft.	107,448	30	2,223,440	25	2,686,200	34	3,653,232	25	2,686,200	35	3,760,680
d)	Installation of Cladding	Sq. Ft.	107,448	50	5,372,400	25	2,686,200	38	4,083,024	35	3,760,680	35	3,760,680
e)	Installation of Decking & False Ceiling	Sq. Ft.	107,448	30	3,223,440	70	7,521,360	85	9,133,080	80	8,595,840	55	3,760,680
f)	Form Concrete	Sq. Ft.	107,448	250	26,862,000	275	29,548,200	245	26,374,760	240	25,787,520	350	37,606,800
g)	Tile Work	Sq. Ft.	107,448	230	24,713,040	245	26,324,760	242	26,002,416	235	25,230,280	200	21,489,600
h)	Electrical Fixtures	Sq. Ft.	107,448	60	6,446,880	60	6,446,880	80	8,595,840	70	7,521,360	40	4,297,920
i)	Plumbing Fixtures	Sq. Ft.	107,448	60	6,446,880	55	5,909,640	47	5,050,056	35	3,760,680	35	3,760,680
j)	Doors & Windows	Sq. Ft.	107,448	30	3,223,440	85	9,133,080	104	11,174,592	95	10,207,560	200	21,489,600
k)	Paint Work	Sq. Ft.	107,448	25	2,686,200	95	10,207,560	92	9,885,216	85	9,133,080	100	10,744,800
<b>TOTAL Carried to Grand Summary</b>					<b>97,942,520</b>		<b>114,432,120</b>		<b>115,399,152</b>		<b>107,448,000</b>		<b>122,490,720</b>

Note: 1. Covered area in Column of Qty for single storey structures shall be measured as plinth area including all sorts of openings and projections, whereas, in case of double storey structures plinth area of ground floor will be multiplied with the number of stories whereas as projections which shall be deemed to be covered in the bid price calculated on plinth area basis mentioned above and will not be measured and paid separately.  
2. Rates quoted above shall be paid on the basis of covered area of the structure and shall not be measured separately.

3. The cost of foundation work related to ramp located in the open area in b/w school block shall be covered in the quoted bid price of school block and no separate measurement and payment shall be made for this item.  
4. The cost of other small platforms and ramps situated at entrance shall be covered in the plinth area of entrance stairs already included in the plinth area of school blocks, whereas for allied buildings the cost of platform and ramps shall be included in the plinth area rates of building and shall not be measured and paid separately.  
5. Cost of all works related to foundation / facade treatment shall be deemed to be covered in the bid price of buildings and shall not be measured and paid separately.  
6. O.H tank (fiber glass) will be provided as per design requirements on each building and the cost of it shall be deemed to be covered in quoted bid rate and no separate measurement and payment will be made for this item.  
7. All necessary works (overhead, night, electrical etc. connections) required to make the building functional shall be covered in the bid price of each building and no separate payment shall be made for such works.



Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Descriptions	Engineer's Estimates			M/s. ACC		M/s. Hasni Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
		ALL items under this head to be carried out as per specifications, drawings, relevant standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.												
<b>PART-A- SCHEDULE ITEMS</b>														
1	Chapter-1/Item-18 (b & c) P-4 Vol-III, Part-II	<b>EARTHWORK</b> Excavation in foundation of building, bridges and other structures including doglabelling dressing refilling around structure with (b & c) P-4 (suitable) excavated earth wearing, ramming lead up to 5 feet etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	6	Cum	112	677	410	2,460	415	2,490	410	2,460	700	4,200
		b) In Ordinary Soil	4	Cum	126	504	410	1,640	428	1,712	410	1,640	1,000	4,000
2	Chapter-4/Item-5(i)+19b(i), JP-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	0.50	Cum	5,173	2,587	5,300	2,650	5,410	5,300	2,705	2,650	8,000	4,000
		100mm thick Ratio 1:4:8												



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Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Descriptions	Engineer's Estimates			M/s. ACC		M/s. Hasni Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
		ALL Items under this head to be carried out as per specifications, drawings, relevant standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.												
<b>PART-A- SCHEDULE ITEMS</b>														
1	Chapter-1/Item-18 (b & c) P-4 Vol-III, Part-II	<b>EARTHWORK</b> Excavation in foundation of building, bridges and other structures including doglabelling dressing refilling around structure with (b & c) P-4 (suitable) excavated earth wearing, ramming lead up to 5 feet etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	6	Cum	112	677	410	2,460	415	2,490	410	2,460	700	4,200
		b) In Ordinary Soil	4	Cum	126	504	410	1,640	428	1,712	410	1,640	1,000	4,000
2	Chapter-4/Item-5(i)+19b(i), JP-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.50	Cum	5,173	2,587	5,300	2,650	5,410	5,300	2,650	2,650	8,000	4,000
		100mm thick Ratio 1:4:8												



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Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hasni Builders		M/s. PEW & PEBI JV		M/s. Al-Imad			
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
3	Chapter- 5/Item- 4 (I)	<b>BRICK MASONRY WORK</b> Provide and lay piece work brick wall in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Cum	4,301	4,301	7,500	7,500	7,800	7,800	7,500	7,500	8,000	8,000	
4	Chapter- 9/Item- 11(b)P-32	<b>PLASTER</b> Providing and applying cement plaster 1.4 up to 12' height 1/2" thick etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	23	Sq m	246	5,658	450	10,350	480	11,160	650	10,250	300	14,400	
5	Chapter- 11/Item- 11(b)P-32	<b>LABORER</b> Providing and fixing C.I Manhole Cover & frame including coat of material etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	100	Kg	140	14,000	175	17,500	190	19,000	175	17,500	350	35,000	
			<b>Total Cost of 01 No</b>			<b>142,134</b>	<b>185,280</b>	<b>199,507</b>	<b>185,280</b>	<b>185,280</b>	<b>185,280</b>	<b>316,200</b>			
			<b>Sub-Total of Part-A</b>			<b>163,454</b>						<b>185,280</b>		<b>316,200</b>	
			<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>7</b>	<b>Nos</b>	<b>494</b>	<b>3,461</b>	<b>2,210</b>	<b>15,470</b>	<b>2,100</b>	<b>14,700</b>	<b>10,000</b>	<b>70,000</b>
			<b>Sub-Total of Part-B</b>			<b>3,461</b>									<b>70,000</b>
			<b>Total Cost of 01 No (Part A+B)</b>			<b>166,915</b>									<b>386,200</b>
			<b>Total Cost of 03 Nos Carried to Grand Summary</b>			<b>3</b>		<b>500,744</b>	<b>3</b>	<b>599,940</b>	<b>3</b>	<b>599,940</b>	<b>3</b>	<b>599,940</b>	<b>1,158,600</b>

**PART-B NON-SCHEDULE ITEMS**

Providing fabricating and fixing of 20mm (3/4") dia G.I ladders in Septic/UG water tank as shown in drawing painting with rust proof paint (at any height in any floor) etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.



*Eng. Amir Khan*

Sr. No.	Sindh Sch.2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant ISI/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable in all types of building/structures shown in the drawings under this contract.</p>														
<b>PART-A SCHEDULE ITEMS</b>														
1	Chapter-1/Item-12 (b & c) / 4 Vol-III, Part-III, II	Excavation in foundation of building, bridges and other structures including diggelling, creasing, retilling, around structure with (suitable) excavated earth, watering, ramming, haul up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.												
<b>EARTHWORK</b>														
		b) In Ordinary Soil	16	Cum	112	1,792	420	6,720	415	6,640	410	6,560	700	11,200
		c) In Hard Soil or Soft mud	11	Cum	126	1,386	420	4,620	428	4,708	410	4,510	1,000	11,000
<b>PLAIN-CEMENT CONCRETE</b>														
Cement concrete plain including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erosion and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.														
2	Chapter-4/Item-50/19b(1) / 16 Vol-III, Part-III	100mm thick Ratio 1:4:8	2	Cum	5,173	10,346	5,000	10,000	5,410	10,820	5,300	10,600	8,000	16,000



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Sr. No.	Sludh Sch. 2012 Chapter/Item #	Description	Engineer's Estimates				M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad	
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-4/Item-6 (b) P-16, 17 Vol-III, Part II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and as labor for bending and bonding which will be paid separately. This rate also includes all kinds of forms moulds filling shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle), R.C. work in roof slab, beams, columns, rafts, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 MPa)												
			3	Cu.m	11,903	35,709	13,300	39,900	14,300	42,900	13,100	39,300	25,000	75,000
			3	Cu.m	11,903	59,515	13,300	66,500	14,400	72,000	13,300	66,500	27,000	135,000
			2	Cu.m	11,903	23,806	13,300	26,600	14,800	29,600	13,300	26,600	30,000	60,000
4	Chapter-4/Item-8 (b) P-17 Vol-III, Part-5	<b>REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars) including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, precast spacer block or m.s chains etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.												
			1	X.G	100	100	440	140	145	145	135	135	200	200



b) Using Top Bars (Reinforcement of Sub-Structure)

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Sr. No.	Sindh Sch. 2012 Chapter/Item # Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERBI JV		M/s. Al-fedad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
5	Chapter-9/Item-13(b)/P-52 Vol-III, Part-II	<b>PLASTER</b> Providing and applying cement plaster 1.6 up to 12' height 1/2" thick etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	29	Sq.m	237	6,873	400	11,600	488	13,920	425	12,325	800	23,200
6	Chapter-2/Item-1/P-55 Vol-III, Part-III	<b>C.I MANHOLE COVER</b> Providing and fixing C.I Manhole Covers & frame including cast of material etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	50	Kg	140	7,000	200	10,000	190	9,500	175	8,750	350	17,500
			Total Cost of 01 No			146,527	176,080	190,233	175,280	349,100				
			Assessed Premium to Bring it at-Par With Current Market Rates 15%			21,979	176,080	190,233	175,280	349,100				
			Sub-Total of Part-A			166,506	176,080	190,233	175,280	349,100				
<b>PART-B NON-SCHEDULE ITEMS</b>														
7		Providing fabricating and fixing of 20mm (3/4") dia G.I ladder/rungs in Septo/U.G water tank as shown in drawing painting with rust proof paint (as any height in any floor) etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	14	Nos	494	6,921	2,000	28,000	2,210	30,940	2,100	29,400	10,000	140,000
			Sub-Total of Part-B			4,921	28,000	30,940	29,400	140,000				
			Total Cost of 01 No (Part A+B)			175,427	204,080	221,173	204,680	489,100				
			Total Cost of 03 Nos Carried to Grand Summary			3	516,281	612,240	663,519	614,040	3	1,467,300	3	1,467,300



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Sr. No.	Sindh Sch.2012 Chapter/Item # Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
5	Chapter-9/Item-13(b)/P-52 Vol-III, Part-III of the Engineer/Project Manager.	<b>PLASTER</b> Providing and applying cement plaster 1.6 up to 12' height 1/2" thick etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	29	Sq.m	237	6,873	400	11,600	480	13,920	425	12,325	400	23,200
6	Chapter-2/Item-1 of Part-III of the Engineer/Project Manager.	<b>C.I MANHOLE COVER</b> Providing and fixing C.I Manhole Covers & frame including cast of material etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	50	Kg	140	7,000	200	10,000	190	9,500	175	8,750	350	17,500
			Total Cost of 01 No			146,527	176,080	190,233	175,280	349,100				
			Assessed Premium to Bring it at-Par With Current Market Rates 15%			21,979	176,080	190,233	175,280	349,100				
			Sub-Total of Part-A			168,506	176,080	190,233	175,280	349,100				
<b>PART B NON-SCHEDULE ITEMS</b>														
7		Providing fabricating and fixing of 20mm (1/4") dia G.I ladder/rungs in Septo/U.G water tank as shown in drawing painting with rust proof paint (as any height in any floor) etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	14	Nos	494	6,921	2,000	28,000	2,210	30,940	2,100	29,400	10,000	140,000
			Sub-Total of Part-B			4,921	28,000	30,940	29,400	140,000				
			Total Cost of 01 No (Part A+B)			175,427	204,080	221,173	204,680	489,100				
			Total Cost of 03 Nos Carried to Grand Summary			3	536,281	612,240	663,519	614,040	3	1,467,300	3	1,467,300



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Sr. No.	Sindh Sch. 2012 Chapter/Item # Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERBI JV		M/s. Al-fedad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
5	Chapter-9/Item-13(b)/P-52 Vol-III, Part-II	<b>PLASTER</b> Providing and applying cement plaster 1.6 up to 12' height 1/2" thick etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	29	Sq.m	237	6,873	400	11,600	488	13,920	425	12,325	800	23,200
6	Chapter-2/Item-1/P-55 Vol-III, Part-III	<b>C.I MANHOLE COVER</b> Providing and fixing C.I Manhole Covers & frame including cast of material etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	50	Kg	140	7,000	200	10,000	190	9,500	175	8,750	350	17,500
			Total Cost of 01 No			146,527	176,080	190,233	175,280	349,100				
			Assessed Premium to Bring it at-Par With Current Market Rates 15%			21,979								
			Sub-Total of Part-A			168,506	176,080	190,233	175,280	349,100				
<b>PART-B NON-SCHEDULE ITEMS</b>														
7		Providing fabricating and fixing of 20mm (3/4") dia G.I ladder/rungs in Septo/U.G water tank as shown in drawing painting with rust proof paint (as any height in any floor) etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	14	Nos	494	6,921	2,000	28,000	2,210	30,940	2,100	29,400	10,000	140,000
			Sub-Total of Part-B			4,921	28,000	30,940	29,400	140,000				
			Total Cost of 01 No (Part A+B)			175,427	204,080	221,173	204,680	489,100				
			Total Cost of 03 Nos Carried to Grand Summary			3	516,281	612,240	663,519	614,040	3	1,467,300		



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERI JV		M/s. Al-Imail			
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	
8	Chapter-9/Item-19/3/9-53 Vol-III, Part-II	Providing and applying Cement pointing deep struck joints raise 1:3 on walls etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	6664	Sq.m	131	172,920	400	528,000	425	561,000	425	561,000	600	792,000	
9	Chapter-18/11/Item-8+9 +41 (L)Y P-53 Vol-III, Part-II	<b>BARBED WIRE FENCING</b> Providing & fixing barbed wire fencing with 12 gauge-4 points @ 6' apart barbed wire (K) straightening & fixing in single iron vertical post of size 2"x2"x1/8" embedded in RCC/masonry pillars in making cut/holders @ 12' including fixing in pillar by chiselling and filling with cement sand mortar, scraping & finishing the surface with and including 2 coats of enamel painting over a coat of primer etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	262	R.m	615	161,130	550	144,100	465	121,830	450	117,900	2,000	524,000	
10	Chapter-4/Item-5 (M)P-16,17 Vol-III, Part-II	<b>RCC PRE-CAST CONCRETE (SUPER-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bonding and blinding which will be paid separately. This rate also includes all kinds of forms moulds lifting shunting curing rendering and finishing the exposed surface (including screening and washing of shingle) Precast reinforced cement concrete in columns, beams lintels staircases, shelves Ratio (1:2:4) etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	281	Cu.m	10,941	3,074,421	2,200	618,200	2,610	733,410	2,500	702,500	35,000	9,835,000	
			Total Cost of 01 No			4,176,382	2,596,790		2,781,052		2,708,505		13,327,600		
			Assessed Premium to Bring it at-Par With Current Market Rates			15%	626,457								
			Sub-Total of Part-A			4,802,839	2,596,790		2,781,052		2,708,505		13,327,600		
			Total Cost of 03 Nos Carried to Grand Summary			3	14,400,517	3	7,790,370	3	8,343,156	3	8,125,515	3	39,982,800



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Sr. No.	Sindh Sch.2012 Chapter/Item # (Page #)	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<b>PART-A SCHEDULE ITEMS</b>														
<b>EARTHWORK</b>														
1	Chapter-1/Item-18 (b & c) P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including dogbelling, dressing, refilling around structures with (suitable) excavated earth, watering, running level up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.												
			12	Cu.m	112	1,344	420	5,040	415	4,980	410	4,920	700	8,400
			8	Cu.m	126	1,008	420	3,360	428	3,424	410	3,280	1,000	8,000
2	Chapter-4/Item-50+19b(Li) P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Panel wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	1	Cu.m	5,173	5,173	5,000	5,000	5,410	5,300	5,300	8,000	8,000	
		100mm thick Rabb 1-4-8												



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Sl. No.	Sindh Sch. 2012 Chapter/Item #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Ismad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-16 Item-10	<b>STONE MASONRY WORK</b> Providing and Laying Random, rubble masonry (uncoursed), in foundation and plinth with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved Vol-III, Part-Drawings, all works to the entire satisfaction of the Engineer/Project Manager.	16	Cum	6,978	111,648	6,000	96,000	6,075	97,200	5,950	95,200	12,000	192,000
4	Chapter-11 Item-20	Dry masonry cement sand mortar Ratio 1:3 <b>COURSE GRAVEL IN SOAKAGE PIT</b> Supplying and trucking at site course gravel of size: 1/8"-1/4" (40mm to 60mm) through screening washing and spreading the same in filter beds to correct level etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	3	Cum	1,045	3,135	2,950	8,850	3,210	9,630	3,000	9,000	4,000	12,000
5	Chapter-4 Item-6	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of shingle). RC work in roof slab, beams, columns and rafters. Limits and other structural members laid in situ or precast laid in position complete in all respects Ratio (1:2:4) 90 Lbs cement 2 Ch sand 4 Ch shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	0.50	Cum	11,903	5,952	13,400	6,700	14,800	7,400	13,300	6,650	30,000	15,000



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Sl. No.	Sindh Sch. 2012 Chapter/Item # Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Ismad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-6/Item-1 d (1) JP-27 Vol-III, Part-II	<b>STONE MASONRY WORK</b> Providing and Laying Random, rubble masonry (uncoursed), in foundation and plumb with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	16	Cum	8,978	141,648	6,000	96,000	6,075	97,200	5,950	95,200	12,000	192,000
4	Chapter-11/Item-2 JP-56 Vol-IV, Part-IV	Dry masonry cement sand mortar Ratio 1:3 <b>COURSE GRAVEL IN SOAKAGE PIT</b> Supplying and trucking at site course gravel of size: 1/8"-1/4" (60mm to 60mm) through screening washing and spreading the same in filter beds to correct level etc, complete in all respects as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	3	Cum	1,045	3,135	2,950	8,850	3,210	9,630	3,000	9,000	4,000	12,000
5	Chapter-4/Item-6 (JP-16,17) Vol-III, Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of shingle). RC work in roof slab, beams, columns, rafters, Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Ch sand 4 Ch shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 28 Mpa)	0.50	Cum	11,903	5,952	13,400	6,700	14,800	7,400	13,300	6,650	30,000	15,000
i) 100mm Thick R.C.C. 1:2:4 in top Slab														



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Sr. No.	Sindh Sch.2012 Chapter/Item #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Ismad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
3	Chapter-6/Item-1 d (1) /P-27 Vol-III, Part-II	<b>STONE MASONRY WORK</b> Providing and Laying Random, rubble masonry (uncoursed), in foundation and plinth with cement sand mortar 1:3 etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	16	Cum	6,978	111,648	6,000	96,000	6,075	97,200	5,950	95,200	12,000	192,000
4	Chapter-11/Item-2/P-66 Vol-IV, Part-IV	Dry masonry cement sand mortar Ratio 1:3 <b>COURSE GRAVEL IN SOAKAGE PIT</b> Supplying and trucking at site course gravel of size: 1/8"-1/4" (40mm to 60mm) size to screening washing and spreading the same in filter beds to correct level etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	3	Cum	1,045	3,135	2,950	8,850	3,210	9,630	3,000	9,000	4,000	12,000
5	Chapter-4/Item-6 (3)/P-16,17 Vol-III, Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor 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 (including screening and washing of shingle). RC work in roof slab, beams, columns rafters. Lintel and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Ck sand 4 Ck shingle 1/8" to 1/4" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 28 Mpa)	0.50	Cum	11,903	5,952	13,400	6,700	14,800	7,400	13,300	6,650	30,000	15,000



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Sr.No	Sindh Sch.2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
4	Chapter-5/Item-4 (I) etc, Vol-I, Part-II	<b>BRICK MASONRY WORK</b> Provide and laying pucca work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.										
		<b>Brick masonry Sub-structure</b> Cement sand mortar Ratio 1:4	11	Cu m	4,415	48,565	7,600	83,600	7,580	83,380	8,000	88,000
5	Chapter-5/Item-5 (C) etc, Vol-I, Part-II	Provide and laying pucca brick work in ground floor etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.										
		<b>Brick masonry Super-structure</b> Cement sand mortar Ratio 1:4	22	Cu m	4,627	101,794	7,600	167,200	7,580	166,760	10,000	220,000
6	Chapter-1/Item-22+13b/p.4 Vol-III, Part II	<b>EARTH-FILLING</b> (New Earth from Outside Sources) Filling wetting and ramming earth under floors with new earth (excavated from outside) laid up to one chain and lift up to 5 feet including earth work compaction (soft, ordinary or hard soil) laying in 6" thick layers leveling, dressing and watering for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.										
7	Chapter-5/Item-29 (P-26 Vol-III, Part-III	<b>SAND FILLING</b> Supplying and filling sand under floor/foundation and plugging in walls of approved outside sources etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	150	Cu m	141	21,150	975	146,250	975	146,250	900	135,000
		150mm Thick sand filling	46	Cu m	403	18,538	1,125	51,750	1,125	51,660	2,000	92,000



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Establishment of Comprehensive High School in Sindh  
Package-C T' Allahyar, M' khat and U, kot  
Comparative Statement.

Sr.No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
8	Chapter- 16 Item- 2P- 15 Vol-III, Part-I	<b>BRICK OR STONE BALLAST UNDER FLOOR</b> Dry rammed brick or stone ballast 1-1/2" to 2" course etc. complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager (Overall thickness of sanding 9" (225mm) thick)	55	Cu.m	1,175	64,625	2,500	137,500	3,800	154,000	7,500	137,500
9	Chapter- 16 Item- 71P- 49 Vol-III, Part-II	<b>RAVERS ON FOOT PATH</b> Providing and fixing cement paving blocks flooring having size 197x197x60mm of cryquid/cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi including filling the joints with bit sand and laying in specified manner/pattern and design etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	85	Sq.m	2,150	182,750	1,200	102,000	1,400	119,000	1,200	102,000
10	Item- 14P- 16 Vol-III, Part-IV	<b>KERB STONE</b> Providing and fixing precast edge block 3750 psi industrial made size 6" thick x 12" long x 12" high including the cost of carriage, excavation, firmwork for launching, 1450 psi lean concrete, 2250 psi concrete for launching, 1.4 cement sand mortar etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	253	R.m	974	246,422	1,290	326,370	1,380	349,140	1,290	326,370
Total Cost of 01 No						754,760		1,100,950		1,167,697		1,183,238
Assessed Premium to Bring it at Par With Current Market Rates					15%	113,214						
Sub-Total of Part-A						867,974		1,100,950		1,167,697		1,103,238
Total Cost of 03 Nos Carried to Grand Summary					3	2,603,922	3	3,302,850	3	3,503,991	3	3,309,714
Total Cost of 03 Nos Carried to Grand Summary												1,913,900
Total Cost of 03 Nos Carried to Grand Summary												5,741,700



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Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, Mirkas and U. Kot  
Comparative Statement

Sr. No.	Sindh Sch 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. FEW & FEBI JV		M/s. Al-Imad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>														
<b>PART-A SCHEDULE ITEMS</b>														
<b>EARTHWORK</b>														
1	Chapter- 1/Item- 18 (b & c) P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including dogbelling, dressing, refilling around structures with (suitable) excavated earth, watering, ramming lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.750 0.500	Cu.m Cu.m	112 126	84 63	420 420	315 210	415 428	311 214	410 410	308 205	700 1,000	525 500
2	Chapter- 4/Item- 50+19b(1) JP-16 Vol-III, Part-II	<b>PLACEMENT CONCRETE.</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Paral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.200	Cu.m	5,173	1,033	5,000	1,000	5,410	1,082	5,300	1,060	8,000	1,600
75mm thick Ratio 1:4:8														



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Establishment of Comprehensive High School in Sindh  
Package-C Tando Allahyar, M'khas and U. Kot  
Comparative Statement

Sr. No.	Sindh Sch-2012 Chapter/Item / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & FEBI JV		M/s. Al-Jmad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BSU/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>														
<b>PART-A SCHEDULE ITEMS</b>														
<b>KARTHWORK</b>														
1	Chapter-1/Item-18 (b & c) P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including doglabelling, dressing, refilling around structures with (suitable) excavated earth, watering, returning lead up to 5 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.750 0.500	Cu.M Cu.M	112 126	84 63	420 420	315 210	415 428	311 214	410 410	308 205	700 1,000	525 500
2	Chapter-4/Item-50+19bG,ii) P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE.</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Paral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.200	Cum	5,173	1,035	5,000	1,000	5,410	1,082	5,300	1,060	8,000	1,600
75mm thick Ratio 1:4:8														



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Sr. No.	Sindh Sch 2012 Chapter/Item / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & FEBI JV		M/s. Al-Jmad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)
<p>All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.</p>														
<b>PART-A SCHEDULE ITEMS</b>														
<b>KARTHWORK</b>														
1	Chapter- 1/Item- 18 (b & c) P-4 Vol-III, Part-II	Excavation in foundation of building, bridges and other structures including doglabelling, dressing, refilling around structure with (suitable) excavated earth, watering, ramming lead Vol-III, Part-II	0.750 0.500	Cu.m Cu.m	112 126	84 63	420 420	315 210	415 428	311 214	410 410	308 205	700 1,000	325 500
2	Chapter- 4/Item- 50/196G, II (P-16 Vol-III, Part-II)	<b>PLAIN CEMENT CONCRETE</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of Paral wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	0.200	Cum	5,173	1,035	5,000	1,000	5,410	1,082	5,300	1,060	8,000	1,600
			75mm thick Ratio 1:4:8											



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Sr. No	Sindh Sch.2012 Chapter/Item / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Bashmi Builders		M/s. PEW & PEBL JV		M/s. Al-Jmad		
			Qty	Unit	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)	Rates (Rs.)	Amount (Rs.)		
		(1.2) earth work, this item is as per specifications, Drawings, relevant BS/ASTM standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of buildings/structures shown in the drawings under this contract.												
<b>PART-A SCHEDULE ITEMS</b>														
1	Chapter- 18 (b-d) (P-4) Vol-III, Part IV, Para-VI	<b>EARTHWORK</b> Excavation in foundation of building, bridges and other structures including (b-d) (P-4) working, retaining lead up to 3 feet etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	98	Cum	112	10,752	420	40,370	415	39,840	410	39,360	700	67,200
		a) In Ordinary Soil c) In Hard Soil or Soft material	64	Cum	126	8,064	420	26,880	428	27,392	430	28,800	1,000	64,000
2	Chapter- 18 (P-7) Vol-IV, Para-VI	<b>BACK-FILLING</b> Refilling the excavated stuff in reaches 6" thick (150mm) layers including working, retaining to full compaction etc, complete in all respect as per specifications & relevant approved drawings, all works in the entire satisfaction of the Engineer/Project Manager.	67	Cum	97	6,499	350	23,430	395	26,463	375	25,125	700	46,900
3	Chapter- 22-17(b) (P-4) Vol-III, Part IV, Para-VI	<b>EARTH-FILLING (New Earth from Outside Sources)</b> Filling, working and retaining earth under floors with new earth (sourced from outside) laid up to one chain and lift up to 3 feet, including earth work composition (soil, ordinary or hard soil) laying in 6" thick layers leveling, dressing and working for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works in the entire satisfaction of the Engineer/Project Manager.	1,639	Cum	161	229,830	1,190	1,919,700	1,215	1,980,450	1,175	1,915,250	1,000	1,630,000



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Establishment of Comprehensive High School in Sindh  
 Package-C Tando Allahyar, Mirpurkhas and Larkana  
 Comparative Statement

Sr.No	Sindh Sch.2012 Chapter/Items # / Page #	Description	Engineer's Estimates				M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERI JV		M/s. Al-Imad	
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
4	Chapter-4 Item-101 to 106, 109-14 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE</b> Common concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of (Prestressed concrete) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	29	Cum	5,373	150,017	7,300	217,500	5,410	156,890	3,300	153,700	8,000	232,000
5	Chapter-4 Item-107 to 108, 110-14 Vol-III, Part-II	75mm thick Raft 1 x 8  Common concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete works of (Prestressed concrete) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	41	Cum	5,635	231,645	11,500	473,000	11,540	476,680	12,000	504,000	16,000	672,000
6	Chapter-4 Item-6 to 10, 12-14, 16, 17 Vol-III, Part-II	<b>REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)</b> Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and handling which will be paid separately. This rate also includes all loads of forms, inside lifting, shuttering, curing, rendering and finishing the exposed surface (including screeding and washing of slabs). RCC work in roof slab, beams, columns, rafters, Lintel and other structural members laid in situ or precast laid in previous concrete in all respects. Ratio (1:2:4) 90 Lbs cement 2 Ck and 4 Ck slabs (18" to 14" gauge etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Ratio 1:2:4 strength 20 Mpa)	55	Cum	11,903	654,665	13,300	731,500	14,300	786,500	13,100	710,500	27,000	1,481,000
			12	Cum	11,903	142,836	13,400	160,800	14,400	172,800	13,300	159,600	30,000	360,000
			36	Cum	11,903	428,508	13,400	482,400	14,400	518,400	13,300	478,800	30,000	360,000
			1	Cum	11,903	11,903	13,300	13,300	14,300	14,300	13,100	13,100	30,000	30,000
		1) Columns Footing												
		2) Column												
		3) Plinth Beam												
		4) Ramp Floor												



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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. FEW & PERI JV		M/s. Al-Imad		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
7	Chapter-4 Item-4 (b) P-17 Vol-III, Part II	REINFORCEMENT Provision of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fixings including cost of boarding wire (this includes removal of rust from bars) including the cost of energizing, cutting, bending, binding, wastage and such overlaps as are not shown in drawing, percent spacer block or m.s. chairs etc. complete in all respect as per specifications & relevant approved drawings. All works to the entire satisfaction of the Engineer/Project Manager												
			8888	Kg	100	1,463,200	140	2,047,080	145	2,120,150	131	1,975,970	300	2,974,400
8	Chapter-4 Item-20 Vol-III, Part-II	b) Using Test Bars (Minimum of 500 Bars) <b>THICK OR STONE BALLAST UNDER FLASH</b> Dry cement mix or stone ballast 1:12" to 2" gauge mix, complete in all respect as per specifications & relevant approved drawings. All works to the entire satisfaction of the Engineer/Project Manager.	208	Cum	1,173	244,400	4,000	832,000	3,550	746,720	3,550	738,400	5,000	1,040,000
9	Chapter-4 Item-5 (b) P-16 Vol-III, Part-II	<b>PLAIN CEMENT CONCRETE UNDER FLOOR</b> Cement concrete plain including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/shuttering for RCC or plain cement concrete work of final wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings. All works to the entire satisfaction of the Engineer/Project Manager.	70	Cum	5,173	362,110	7,300	513,000	5,410	378,700	5,300	371,000	10,000	700,000
		10mm thick PCC 1:4:8 under Ground Floor	70	Cum	6,282	439,740	11,200	931,000	13,480	943,600	12,100	875,000	20,000	1,400,000
		30mm thick PCC 1:2:4 with Duxcrete under Ground Floor												



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Establishment of Comprehensive High School in Sladh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Comparative Statement

Sr. No	Sladh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimate			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERI JV		M/s. Al-Imad		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
	Chapter- 4 Item- 3 (0)-194,195 P-16, Vol- III, Part-II	7mm thick PCC 1.48 under Ramp Floor	1	Cum	5,173	5,173	7,300	7,300	5,410	5,410	5,300	5,300	13,000	13,000

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Establishment of Comprehensive High School in Sladh  
Package-C Tando Allahyar, Mirpurkhas and Umerkot  
Comparative Statement

Sr. No	Sladh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimate			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PERI JV		M/s. Al-Imad		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
	Chapter- 4 Item- 3 (0)-194,195 P-16, Vol- III, Part-II	7mm thick PCC 1.48 under Ramp Floor	1	Cum	5,173	5,173	7,300	7,300	5,410	5,410	5,300	5,300	13,000	13,000

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Sr. No	Sindh Sch. 2012 Chapter/Item # / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PWS & PEB JV		M/s. Al-Imad		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
14	Chapter- 4 (I) Item- 4 (I) P-10, 21 Vol-III, Part II	Remove and laying glass brick work in foundation and plinth etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager												
		Plinth Protection slope Cement sand mortar Ratio 1:6												
15	Chapter- 10 Item- 22-12/P-4 Vol-III, Part II	Filling, watering and ramming earth under floor with new earth (excavated from outside) laid up to one chain and lift up to 5 feet including earth work compaction (soil, ordinary or hard soil) laying in 8" thick layers leveling, dressing and wetting for compaction etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	24	Cum	4,220	101,280	8,000	192,000	7,450	181,400	7,500	180,000	10,000	240,000
16	Chapter- 4 Item- 5 (I) P-16 Vol- III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of coarse aggregates with creosote and removal of cement/bleeding for RCC or plain cement concrete works of Patal wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	109	Cum	141	15,228	1,200	130,800	1,715	187,200	1,190	129,600	900	97,200
17	Chapter- 4 Item- 5 (I) P-16 Vol- III, Part-II	30mm thick PCC 1:4:8 under Plinth Protection Floor Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of coarse aggregates with creosote and removal of cement/bleeding for RCC or plain cement concrete works of Patal wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	12	Cum	5,173	62,076	7,500	90,000	5,410	64,920	5,100	61,200	10,000	120,000
18	Chapter- 13 (I) P-52 Vol-III, Part II	30mm thick PCC 1:3:6 under Plinth Protection Floor <b>CLASTER</b> Providing and applying cement plaster 1:6 up to 12" height 1/2" thick etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager	14	Cum	5,633	78,862	5,000	70,000	5,633	78,862	5,633	78,862	12,000	168,000
		1/2" Thick on external surface	146	Sq.m	217	31,602	330	51,000	480	70,080	390	56,940	600	131,400



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Sr. No	Sindh Sch. 2012 Chapter (5) / Page #	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad		
			Qty	Unit	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)
10	Chapter-4/Item-56(1)-(9)(c) / Part-II, Part-II	<b>FORMWORKING</b> Concrete plan including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/scaffolding for RCC or plain concrete concrete works of Part wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Note: Ductcrete / fiber Nos. attached items)												
20	Chapter-4/Item-56(1)-(9)(c) / Part-II, Part-II	<b>ROOF DECKING</b> Concrete concrete plan including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/scaffolding for RCC or plain concrete concrete works of Part wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager.	104	Cu.m	3.635	386,640	10,000	1,040,000	11,025	1,146,600	10,500	1,092,000	10,000	1,040,000
21	Chapter-4/Item-56(1)-(9)(c) / Part-II, Part-II	<b>FLOOR DECKING</b> Concrete concrete plan including placing, compacting, finishing and curing, complete (including screeding and washing of stone aggregate with erection and removal of centering/scaffolding for RCC or plain concrete concrete works of Part wood (2nd class) horizontal & vertical etc, complete in all respect as per specifications & relevant approved drawings, all works to the entire satisfaction of the Engineer/Project Manager. (Note: Ductcrete / fiber Nos. attached items)	172	Cu.m	6.283	766,404	13,300	1,602,600	12,775	1,358,550	13,500	1,521,000	13,000	1,464,000
		25mm thick P.C.C. (1:3:6) concrete including ductcrete fiber	41	Cu.m	5.635	231,035	11,000	451,000	11,025	451,035	10,500	430,500	10,000	410,000
		<b>Total Cost of 01 No</b>				6,818,613	13,207,539	13,207,539	13,066,272	12,418,995	12,418,995	12,418,995	12,418,995	18,496,100
		<b>Assessed Premium to Bring it at Par With Current Market Rates</b>			15%	1,022,792								
		<b>Total Cost of 03 Nos Carried to Grand Summary</b>				7,841,405	13,207,539	13,207,539	13,066,272	12,418,995	12,418,995	12,418,995	12,418,995	18,496,100
		<b>Sub-Total of Part-A</b>				23,534,215	39,622,590	39,622,590	39,198,816	37,256,985	37,256,985	37,256,985	37,256,985	55,488,300



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Sr. Nos.	Description	Engineer's Estimates			M/s. ACC			M/s. Hashmi Builders			M/s. PEW & PEBI JV			M/s. Al-Imad		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
1	Providing installation, testing and commissioning of bar different galvanized from inside and outside Octagonal lighting pole of 12 m height with 4mm wall thickness including base plate anchor bolt, nuts and washers, self inspection door with special keys, cable connection box etc., (detail shows on the drawings). Complete in all respects as per specification and drawings	Nos.	15	70,000	1,050,000	85,000	1,275,000	68,500	1,027,500	65,000	975,000	75,000	1,125,000			
2	Construction and installation of pole foundation in concrete class "A", reinforcement as per AASHTO M31, lean concrete etc. Excavation and backfilling for the Pole foundation shall be included in this job. Complete in all respects, as per specifications and drawings.	Nos.	15	14,500	217,500	9,500	142,500	8,580	128,700	8,000	120,000	20,000	300,000			
3	Providing, installation, testing and commissioning of street light fixture Philips 150W/200W, complete in all respects	Nos.	15	120,000	1,800,000	6,000	90,000	12,000	180,000	10,000	150,000	10,000	150,000			
4	Providing, installation, testing and commissioning of outdoor type IP55 rated Pad mounted Distribution board on concrete pad. This job include with all civil works as per drawing and specifications, complete in all respect	No.	1	70,000	70,000	45,000	45,000	36,500	36,500	35,000	35,000	80,000	80,000			
5	Providing, installation, testing and commissioning of following sizes of 400/1000 volts grade copper conductor unarmoured cables of incoming cable to DB directly buried including excavation and backfilling of site as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.	RM	90	1,700	85,000	1,250	62,500	1,250	62,500	1,150	57,500	2,000	100,000			



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Sr. Nos.	Description	Engineer's Estimates			M/s. ACC			M/s. Hashmi Builders			M/s. PEW & PEBI JV			M/s. Al-Imad		
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	
1	Providing installation, testing and commissioning of bar different galvanized from inside and outside Octagonal lighting pole of 12 m height with 4mm wall thickness including base plate anchor bolt, nuts and washers, self inspection door with special keys, cable connection box etc., (detail shows on the drawings). Complete in all respects as per specification and drawings	Nos.	15	70,000	1,050,000	85,000	1,275,000	68,500	1,027,500	65,000	975,000	75,000	1,125,000			
2	Construction and installation of pole foundation in concrete class "A", reinforcement as per AASHTO M31, lean concrete etc. Excavation and backfilling for the Pole foundation shall be included in this job. Complete in all respects, as per specifications and drawings.	Nos.	15	14,500	217,500	9,500	142,500	8,580	128,700	8,000	120,000	20,000	300,000			
3	Providing, installation, testing and commissioning of street light fixture Philips 1575 200W, complete in all respects	Nos.	15	120,000	1,800,000	6,000	90,000	12,000	180,000	10,000	150,000	10,000	150,000			
4	Providing, installation, testing and commissioning of outdoor type IP55 rated Pad mounted Distribution board on concrete pad. This job include with all civil works as per drawing and specifications, complete in all respect	No.	1	70,000	70,000	45,000	45,000	36,500	36,500	35,000	35,000	80,000	80,000			
5	Providing, installation, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables of incoming cable to DB directly buried including excavation and backfilling of size as it may required, as per drawings and specification, including cable glands, cable ID marker etc., complete in all respect.	RM	50	1,700	85,000	1,250	62,500	1,250	62,500	1,150	57,500	2,000	100,000			
	1 Ac- 23 mm sq. PVC/PVC															



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Sr. No.	Description	Engineer's Estimates			M/s. ACC		M/s. Hashmi Builders		M/s. PEW & PEBI JV		M/s. Al-Imad	
		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	Rate (Rs.)
12	Supply, installation, testing & commissioning of 100 KVA, Pole mounted Transformer. The work shall be P.E.L., Siemens or Climax including all accessories such as Poles, platform, cross arms, insulated copper conductor, dropout fuse switches complete in all respect as per WAPDA specifications.	No.	1	700,000	700,000	700,000	700,000	300,000	300,000	300,000	1,200,000	1,200,000
13	Provisional sum for obtaining electrical 11KV power supply connection from WAPDA with all necessary requirements including meter, circuit breaker / cutouts, necessary power cables and all installation material required for the connection and insulating with WAPDA for approval of the line, complete in all respect.	Job	1	250,000	250,000	350,000	350,000	175,000	175,000	150,000	300,000	300,000
<b>TOTAL COST OF 03 Nos.</b>					<b>5,672,500</b>		<b>5,148,000</b>		<b>4,696,900</b>		<b>4,415,500</b>	<b>5,860,000</b>
<b>TOTAL COST OF 03 Nos. Carried to Grand Summary</b>				<b>3</b>	<b>17,017,500</b>	<b>3</b>	<b>15,444,000</b>	<b>3</b>	<b>14,090,700</b>	<b>3</b>	<b>13,246,500</b>	<b>17,580,000</b>



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**SPECIFICATIONS  
SPECIAL & TECHNICAL PROVISIONS  
SPECIFICATIONS-SPECIAL & TECHNICAL PROVISIONS**

**1. Scope of Work**

The works to be performed include:

- Preparation of Layout Plans and architectural details to suit site specific requirements including location, orientation, configuration, topography and land availability etc. giving due consideration to aesthetics and acceptability by the local population, end user and other stakeholders
- Structural Design of all proposed elements including sub and super structure, and its approval from the Engineer/Employer.
- Design of internal electrification, water supply/plumbing, Fire Fighting extinguishers and its approval from the Engineer/Employer.
- Clearing the site from debris, shrubs, removal of trees including roots, stumps etc. leveling and dressing including excavation up to 6" depth and making the site ready for construction.
- Trench Excavation for foundation, construction of foundation (Separately Measured) but excavation for termite proofing for all horizontal & vertical surfaces including termite proofing as per manufacturer specifications, bituminous coating, provisions and erection of fast track steel superstructure (fabricated using automatic plants and erected using supplier's patent / recommended connections) as specified in the scope of work, exterior & interior wall cladding with insulation, roofing, false ceiling, flooring, skirting, bath room tiles, marble counter tops, all required of exterior & interior paints, door frames with shutter, windows & ventilators, Semi solid wooden doors M.S Grill for windows, water proof treatment over roof, plinth protection, required wood works, water spouts, internal & exterior wall electrification including testing & commissioning, internal water supply and internal sewerage system including fittings & fixture with required testing, water proofing painting etc. complete in all respects.
- Contractor shall be responsible to carry out all the item of works which deemed to be essential for carry out the completion of the project.
- The Contractors are encouraged to setup plant in Pakistan for fabrication and take all necessary measures for promotion of technology in Pakistan.
- Total covered as per Schedule.

**2. Codes & Standards**

All Fast track buildings along with their foundations shall be at least designed in accordance with the following codes and standards:

- i. Manual of Steel Construction \_ ASD-9<sup>th</sup> Ed. / LRFD 3<sup>RD</sup> Ed. by American Institute of Steel Construction, Inc. (AISC).
- ii. Uniform Building Code (UBC-97).
- iii. ASTM A653 – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvanized) by Hot-Dip Process.
- iv. ASTM A780 – Standard Practice for Repair of Damaged and Uncoated Areas of Hot – Dip Galvanized Coatings; 2000
- v. ASTM B633 – Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel.
- vi. ASTM C955 – Standard Specification for Load – Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Birding.
- vii. ASTM C1513 – Standard Specification for Steel Taping Screws for Cold-Formed Steel Framing Connections.
- viii. ASTM C1007 – Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories.
- ix. AISI – Standard for Cold – Formed Steel Framing General Provisions.
- x. AISI – Specification for the Design of Cold – Formed Steel Structural Members: 1996.
- xi. Structural design of steel members is in accordance with ' AS/NZS 4600:2005 Cold Formed Steel Structures.
- xii. ASTM C1186 – Standard specifications for flat non-asbestos fiber cement sheets.
- xiii. ASTM C1229 – Standard test Method for Determination of Glass Fiber Content in Glass Fiber Reinforced Concrete. (GFRC)
- xiv. ACI 318-08 – Building Code Requirements for Structural Concrete.

Except as otherwise provided by these specifications, all materials, plant fabrication and testing thereof shall conform to the latest applicable standards and specifications. Copies of these standards and specifications may be purchased from the indicated agencies which publish them.

If the Contractor, at any time and for any reason, wishes to deviate from the above standards or desires to use material or plant not covered by the above standards, he shall state the exact nature of the changes and shall submit complete specifications of the materials and plants to the Engineer for approval.

### **3. Design**

Design life of the structural elements of the building including frames.



No. Dir (CB)/SPPRA/SBEP/37-1(PD/PMIU)/13-14/ 4288

**GOVERNMENT OF SINDH**  
**SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY**

Karachi, dated the 2<sup>nd</sup> October, 2014

The Project Director,  
Project Management & Implementation Unit (PMIU),  
Education & Literacy Department,  
Government of Sindh,  
**Karachi.**


**SUBJECT: NIT NO. PMIU/GEN/303-5 DATED 06.05.2014.**

The undersigned is directed to refer to the Bid Evaluation Report furnished vide your letter No. PMIU/Gen/568 dated 19.09.2014 and inform that the same has been hoisted on Authority's website without ID. However, it has been observed and advised to furnish following documents / clarifications & justifications:

- i. It has been observed that in the Notice Inviting Tender (NIT), procuring agency has mentioned single stage one envelope, where a Bidding Documents (BDs) reveal that procuring agency (PA) has opted single stage two envelope procedure (which is not applicable for procurement of works after the amendment in SPP Rules, 2010 in October, 2013). Further, single stage one envelope procedure is only applicable for procurement of routine nature and where no technical complexity or innovation is involved as defined at Rule-47 of SPP Rules, 2010 (amended 2013). **The procuring agency may have adopted two stage two envelope procedure in the instant case. The procuring agency is therefore advised to clarify the anomaly as stated above & justify that how the PA has compared and evaluated different design proposals. The PA shall also provide Technical Evaluation Report duly signed by all the member of Procurement Committee.**
- ii. The procuring agency (PA) has not furnished the Comparative Statement showing estimated cost and Bidders Qualification Report in terms of Rule-46(1)(a) of SPP Rules, 2010. **The PA is advised to furnish the same.**
- iii. **Original bid validity in the instant case has expired on 25.08.2014. Hence clarification/ justification is required in terms of Rule-38 of SPP Rules, 2010 along-with supporting documents regarding bid validity extension if obtained by the procuring agency.**
- iv. The procuring agency is also advised to intimate this Authority about action taken on the complaint of M/s. S.K Corporation and letter from Electric Inspector, Sukkur as advised earlier vide this Authority's letters dated 03<sup>rd</sup> June, 2014 & 10<sup>th</sup> July, 2014.

2. In view of above, it is advised to furnish / produce all above documents / clarifications / justifications and compliance in terms of relevant provisions of SPP Rules, 2010, at the earliest.

3. It may be noted that non-compliance of SPP Rules shall render the Procurement "mis-procurement" under relevant provisions of SPP Rules, 2010.

  
@/c (ABDUL SHAKOOR NOONARI)  
MANAGER (CB)

Copy forwarded for information to:-

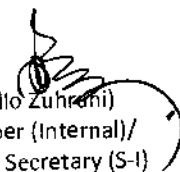
- The Secretary, Education & Literacy Department, Government of Sindh, Karachi.

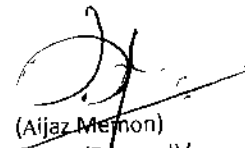



## BID EVALUATION REPORT


1. Name of Procuring Agency: Project Management & Implementation Unit, Education & Literacy Department, Government of Sindh.
2. Tender No: 06
3. Tender Description/Name of work/item: "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Sujawal, Thatta and Badin as Single Package-A  
"Single Stage, Single Envelope Procedure"
4. Method of Procurement: NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No. 1632/2014 in daily news papers 10-05-2014 and also hoisted in SPPRA website at Serial No. 20306
5. Tender Published: 06 Nos.
6. Total Bid documents Sold: 02 Nos.
7. Total Bids Received: 26-05-2014
8. Tender Opening date: Nil
9. Bid(s) Rejected: 26-05-2014
10. Financial Bid Opening date: Rs.3742.548 Million is the PC-I cost of entire scheme name "Establishment of Comprehensive High School in Sindh (25 Units), ADP No. 296 of 2014-2015", (Rs.411,682 Million for 3No Schools) Rs.473,433,000/-
11. Approved PC-1 Cost of scheme:
12. Engineer's Estimate
13. Bid Evaluation Report:

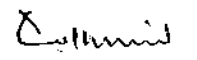
Sr.	Name of Firm or Bidder	Corrected Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd.	Rs.473,081,056/-	1st Lowest.	0.07% Below	Lowest Bid	Recommended for Award of Work.
2	M/s Asian Construction Co.	Rs.512,375,127/-	2nd Lowest.	8.23 % Above	Highest Bid	Rejected

1.   
(Dadlo Zuhraani)  
Member (Internal)/  
Deputy Secretary (S-1)  
Education & Literacy Department  
Government of Sindh

2.   
(Aijaz Memon)  
Member (External)/  
Section Officer (Dev-V)  
Representative of Finance Department,  
Government of Sindh

3.   
(Nabeel Ahmed)  
Member (Internal)/  
Project Engineer, PMIU,  
Education & Literacy Department  
Government of Sindh

4.   
(Imdad Ali Memon)  
Member (External)/  
Executive Engineer, Education works,  
Division-II, Karachi  
Representative of Works & Services  
Department,  
Government of Sindh

5.   
(Abdul Sattar Jatoi)  
Chairman (Internal)/  
Project Director, PMIU,  
Education & Literacy Department  
Government of Sindh

### LIST OF TENDER SOLD

Project : Establishment of Comprehensive High schools in Sindh (25 Units), ADP No. 205 of 2013-2014.

Name of Work : "Design, Supply & Installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Sujawal, Thatta and Badin as Single Package-A

Tender No. : 06 (Package-A)

NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

Last Date of Submission Time : 26-05-2014 (3.00 pm ) in the office of Project Director

S.No.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Pakistan Electric Works & PEBl (JV)
3	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd (KAPEC)
4	M/S Sawar Khan
5	M/s Mohmmad Hasni Builders
6	M/s Sirajuddin

LIST OF BID RECEIVED

**Project : Establishment of Comprehensive High schools in Sindh (25 Units), ADP No. 205 of 2013-2014.**

**Name of Work : "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Sujawai, Thatta and Badin as Single Package-A**

**Tender No. : 05 (Package-A)**

**NIT / TENDER NOTICE DATE:** Published vide ID : INF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

**Tender Opening Time : 26-05-2014 (4.00 pm ) in the office of Project Director**

SR. NO.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd (KAPEC)

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH**  
 Package -A, (Sujawal, Thatta & Badin)  
 Bid Opening Report (Attendance Sheet)

Date: 26-05-2014  
 Time: 16:00

S.No	NAME OF BIDDERS	REPRESENTATIVE	DESIGNATION	SIGNATURE
1	ASIM CONSULTANTS Co	MAJID ALI	CONSULTANT MANAGER	[Signature]
2	Revised B/L/ABE	Principal Hassan	Project Manager	[Signature]
3				
4				
5				
6				
7				
8				

Client / PD Representative

Name & Signature

Others:

[Signature] (Asim Akbar Nizami)  
 Representative of Education Dept /  
 26/5  
 [Signature] (Ajiaz Memon)  
 Representative of Sujawal B/L/ABE

Consultant Representative (M/S E A Consulting Pvt Ltd)

Name & Signature

Others:

[Signature] Nabeel Ahmad  
 Project Engineer  
 [Signature] Hassan  
 Project Manager

**ESTABLISHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH**  
**Package -A, (Sujawal, Thatta & Badin)**  
**Bid Opening Report(Financial)**

S.NO	REQUIREMENTS	BIDDERS			
		1	2	3	4
1	Bid Amount	10000000	10000000	10000000	10000000
2	Bid Security (Amount)	5000000	5000000	5000000	5000000
2.1	Type	B. Change	B. Change	B. Change	B. Change
2.2	From	Local	Local	Local	Local
2.3	Validity	23/3	23/3	23/3	23/3
3	Covering Letter	✓	✓	✓	✓
4	Original Bidding Documents	✓	✓	✓	✓
5	Addendum	✓	✓	✓	✓

Client / PN Representative  
 (Signature)  
 Project Director (EMU)

Name & Signature

Others:

(Signature)  
 (Signature)  
 Representative of Education Dept.

Consultant Representative

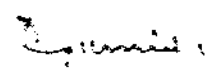

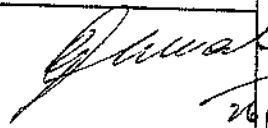


Name & Signature

Others:

(Signature)  
 (Signature)

### ATTENDANCE SHEET

7TH MEETING OF PROCURMENT COMMITTEE HELD ON 26-05-2014 (4.00 PM) IN THE OFFICE OF PROJECT DIRECTOR (PMIU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH

SR. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Sattar Jatoi P-2	PMIU Education & Lit: Deptt:	0300-8370734	
2	Ajiz Ahmed Noman	Fitoum	0333-2361858	
3	Qasim Akbar Nimai	Edu & Lit.	0341-0229-124	
4	Nabeel Ahmed PE	PMIU Edu. & Literacy	0301-2419741	
5	Muhammad Iqbal	EA Consulting	03072222959	
6				
7				



## ATTENDANCE SHEET

9TH MEETING OF PROCUREMENT COMMITTEE HELD ON 19-09-2014 (03:00 PM) IN THE OFFICE OF PROJECT DIRECTOR (PMU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF PUNJAB

SF. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Salim Jatoi P.D (PMU)	Education & Literacy Dept.	0300-8370734	
2	Daula Ashraf DS	EA LD	0336-071-1519	
3	Kyaz Ahmad Khan	SO PD -- --		
4	IMDAD ALI MEMON	ESD-II KHI	0320-3112475	
5	Naseel Ahmed PE (PMU)	Education & Literacy Dept.	0321-2419741	
6	Ghulam Nabi Buland Dy. P.D (PMU)	Edu. & Literacy Department	03008376704	
7	Munawwar Ali	E-W - II Mem	0300/2537630	
8	Bharam Kumar		0333-3009335	

9. Anis Naimai EA Consultancy 0333/2379245
10. MUHAMMAD TAWSEER ANSARI RHF NAZAR ASSOCIATES 0300-247995
11. Wajahat Hussain EA Consultant 0321/9272502
12. Ghulam Nabi



Karachi, date the 22-01-2014

**NOTIFICATION**

NO SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010 a Procurement Committee comprising of following Officers for procurement of various store items to be procured for Project Management & Implementation of ADP scheme no. 204 & 205 Establishment of English Medium Schools in Cambridge Nursery to O Level (25 Units) (One in each district) and Establishment of Comprehensive Schools in Sindh (23 Units) (one in each District), is constituted as under:-

- |    |  |                 |
|----|--|-----------------|
| 1. | Project Director (PMIU)<br>Education & Literacy Department                                       | Chairman        |
| 2. | Project Engineer (PMIU)  | Member          |
| 3. | Representative of Works & Services Department<br>(Having Technical Expert in the relevant field) | Member          |
| 4. | Representative of Finance Department   | Member          |
| 5. | Deputy Secretary (S-1)<br>Education & Literacy Department  | Member / Secret |

**1.1.**

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in clause 5 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority, and
- Perform any other function ancillary and incidental to the above.

**SECRETARY EDUCATION  
TO GOVT. OF SINDH**

NO SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14: Karachi, date the 22-01-2014  
A copy is for your information & necessary action.

The Secretary, Works & Services Department, Government of Sindh with a request to nominate Officer for above committee.

The Secretary, Finance Department, Government of Sindh with a request to nominate Officer for above committee.

All Member of the Committee.

The P.S. to Senior Minister, Education & Literacy Department, Govt. of Sindh, Karachi.

- 3. The P.S to Secretary, Education & Literacy Department
- 4. Office Order No.


*[Signature]*  
22/01

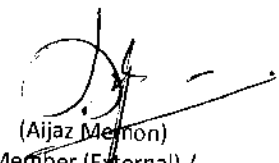
**SECRETARY EDUCATION  
TO GOVT. OF SINDH**


## BID EVALUATION REPORT


1. Name of Procuring Agency: Project Management & Implementation Unit, Education & Literacy Department, Government of Sindh.
2. Tender No: 08
3. Tender Description/Name of work/item: "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Tando Allahyar, Mirpurkhas and Umerkoti as Single Package-C "Single Stage, Single Envelope Procedure"
4. Method of Procurement: NIT / TENDER NOTICE DATE: Published vide ID: INF/ KRY/No. 1632/2014 in daily news papers 10-05-2014 and also hoisted in SPPRA website at Serial No. 20306
5. Tender Published: 05 Nos.
6. Total Bid documents Sold: 04 Nos.
7. Total Bids Received: 26-05-2014
8. Tender Opening date: 01Nos.
9. Bid(s) Rejected: 26-05-2014
10. Financial Bid Opening date: Rs.3742.548 Million is the PC-I cost of entire scheme name "Establishment of Comprehensive High School in Sindh (25 Units), ADP No. 296 of 2014-2015", (Rs.411.682 Million for 3No Schools) Rs.473,433,000/-
11. Approved PC-I Cost of scheme:
12. Engineer's Estimate
13. Bid Evaluation Report:

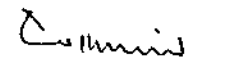
Sr.	Name of Firm or Bidder	Corrected Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1	M/s Pakistan Electric Work & Pre-Engineering Building Industries	Rs.472,166,945/-	Lowest.	0.27% Below	Lowest Bid	Recommended for Award of Work.
2	M/s Al-Imad	Rs.541,413,991/-	2nd.Lowest.	6.35% Above	Highest Bid	Rejected
3	M/s Asian Construction Co.	Rs.510,745,663/-	3 <sup>rd</sup> Lowest.	7.88 % Above	Highest Bid	Rejected
3	M/s M. Hasni Builders	Rs.505,928,580/-		6.86% Above	Bid Security not submitted	Rejected

1.   
(Dadio Zuhrani)  
Member (Internal)/  
Deputy Secretary (S-1)  
Education & Literacy Department  
Government of Sindh

2.   
(Aijaz Memon)  
Member (External) /  
Section Officer (Dev-V)  
Representative of Finance Department,  
Government of Sindh

3.   
(Nabeel Ahmed)  
Member (Internal)/  
Project Engineer, PMIU,  
Education & Literacy Department  
Government of Sindh

4.   
(Imdad Ali Memon)  
Member (External) /  
Executive Engineer, Education works,  
Division-II, Karachi  
Representative of Works & Services  
Department,  
Government of Sindh

5.   
(Abdul Sattar Jatui)  
Chairman (Internal)/  
Project Director, PMIU,  
Education & Literacy Department  
Government of Sindh

LIST OF TENDER SOLD

**Project : Establishment of Comprehensive High schools in Sindh (25 Units), ADP No. 205 of 2013-2014.**

Name of Work : "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Tando Allah-yar, Mirpurkhas and Umerkot as Single Package-C

**Tender No . : 08 (Package-C)**

NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

Last Date of Submission Time : 26-05-2014 (3.00 pm ) in the office of Project Director

SR. NO.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Immad Constrcuton
3	M/s Fazal and Brothers
4	M/s Pakistan Electric Works & PEBi (JV)
5	M/s Mohmmad Hasni Builders

**LIST OF BID RECEIVED**

**Project : Establishment of Comprehensive High schools in Sindh (25 Units), ADP No. 205 of 2013-2014.**

Name of Work : "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Tando Allah-yar, Mirpurkhas and Umerkot as Single Package-C

Tender No . : **08 (Package-C)**

NIT / TENDER NOTICE DATE: Published vide ID : IMF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

Tender OpeningTime : 26-05-2014 (4.00 pm ) in the office of Project Director

SR. NO.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Immad Constrction
3	M/s Pakistan Electric Works & PEbi (JV)
4	M/s Mohmmad Hasni Builders

STATEMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH  
 Package - C, (Tando Allahyar, Mirpur Khas & Umerkot)  
 Bidding Report (Attendance Sheet)

Date: 20/11/19  
 Time: 16:45

S.No	NAME OF BIDDER	REP. SIGNATURE	DESIGNATION	SIGNATURE
1	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
2	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
3	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
4	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
5	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
6	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
7	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓
8	ALCO CONSTRUCTION Co.	✓	Contract Manager	✓

Name & Signature  
 (M/s EA Consulting Pvt Ltd)

Name & Signature  
 Consultant Representative

Others:  
 Naveed Ahmad  
 Project Engineer

Name & Signature  
 Others:  
 (Naveed Ahmad)  
 Representative of Finance Dept

Name & Signature  
 Others:  
 (Naveed Ahmad)  
 Project Director, PMU



GOVERNMENT OF SINDH, DEPARTMENT OF EDUCATION  
 School No. 2, Tando Allahpur, Mirpurkhas & Unchar Kot  
 District of District (Financial)

BIDDERS

S No	Particulars	Yes	No	Remarks	Signature	Date
1	Bid Amount	505/11/16/1	100000000	100000000		
2	Bid Security (Amount)	505/11/16/1	100000000	100000000		
2,3	Validity	26/5	24/5	26/5/2014		
3	Covering Letter	✓	✓	✓		
4	Original Bidding Documents	✓	✓	✓		
5	Addendum	NA	NA	NA		

(Assistant Commissioner)  
 Project Director, P.M.U.

Name & Signature

*(Signature)*  
 Representative of Finance Dept.

Others:

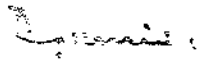




*(Signature)*  
 26/5  
 (Qasim Akbar Nizami)  
 Representative of Education Dept.

Consent of Representative  
 of P.M.U. (Consent)  
*(Signature)*  
 Name & Signature

Others:

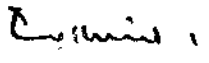
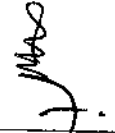


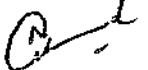


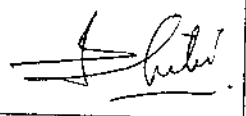
## ATTENDANCE SHEET


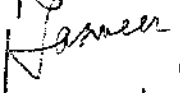
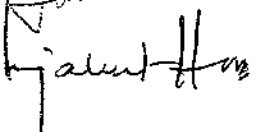
7TH MEETING OF PROCURMENT COMMITTEE HELD ON 26-05-2014 (4.00 PM) IN THE OFFICE OF  
PROJECT DIRECTOR (PMIU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH

SR. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Sattar Jatoi F-2	PMIU Education & Lit. Deptt:	0304-8870734	
2	Abdul Meem	Finance	0302-2361858	
3	Ghulam Akbar Nizami	Edu & Lit.	0341-0229-124	
4	Nabeel Hameed FE	PMIU Edu. & Literacy	0321-2415747	
5	Musawir Jatoi	Ed & Literacy	03072222989	
6				
7				

## ATTENDANCE SHEET

9TH MEETING OF PROCUREMENT COMMITTEE HELD DN 19-09-2014 (03:00 PM) IN THE OFFICE OF PROJECT DIRECTOR (PMIU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH

SR. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Sattar Jatoi P.D (PMIU)	Education & Literacy Dept.	0300-8370734	
2	Daud Lal Wajid DS	EA LD	0336-071-1519	
3	Ajmal Ahmed Khan	SO FD -- --		
4	IMDAD ALI MEMON	EWD-II KHI	0320-3112475	
5	Naseer Ahmed PE (PMIU)	Education & Literacy Dept.	0321-2419741	
6	Ghulam Nabi Buledi Dy. P.D (PMIU)	Edu. & Literacy Department	03008376704	
7	Munazza Ali	E.W - II Mem	0300/2537630	M. Ali
8	Bharwan Ruman		0333-3009335	

9. Anis Nauman EA Consulting 0333/2379245 
10. MUHAMMAD TAVSEER ANSARI ATIF NAZAR ASSOCIATES 0300-2147995 
11. Wajid Hussain EA Consultant 0321/9272502 
12. Ghulam Nabi



GOVERNMENT OF SINDH  
EDUCATION & LITERACY DEPARTMENT  
Karachi, date the 22-01-2016

## NOTIFICATION

NO.SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010 a Procurement Committee comprising of following Officers for procurement of various store items to be procured for Project Management & Implementation Under ADP scheme no. 204 & 205 Establishment of English Medium Schools in Cambridge System Nursery to O Level (25 Units) (One in each district) & Establishment of Comprehensive Schools in Sindh (23 Units) (one in each District), is constituted as under:-

- |    |  |                 |
|----|--|-----------------|
| 1. | Project Director (PMIU)<br>Education & Literacy Department                                       | Chairman        |
| 2. | Project Engineer (PMIU)  | Member          |
| 3. | Representative of Works & Services Department<br>(Having Technical Expert in the relevant field) | Member          |
| 4. | Representative of Finance Department   | Member          |
| 5. | Deputy Secretary (S-I)<br>Education & Literacy Department  | Member / Secret |

### ToRs

- Preparing bidding document;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule 45 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above.


SECRETARY EDUCATION  
TO GOVT. OF SINDH

NO.SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14:

Karachi, date the 22-01-2016

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


1. The Secretary Works & Services Department, Government of Sindh with a request to nominate Officer for above committee.
2. The Secretary Finance Department, Government of Sindh, with a request to nominate Officer for above committee.
3. All Member of the Committee.
4. The P.S. to Senior Minister, Education & Literacy Department Govt. of Sindh, Karachi.
5. The P.S to Secretary, Education & Literacy Department
6. Office Order File


  
22/01  
SYED QASIM AKBAR NISAMI  
SECTION OFFICER (G - III)

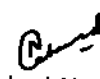
## BID EVALUATION REPORT


1. Name of Procuring Agency: Project Management & Implementation Unit, Education & Literacy Department, Government of Sindh.
2. Tender No: 07
3. Tender Description/Name of work/item: "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Hyderabad, Matiari and Kotri as Single Package-B
4. Method of Procurement: "Single Stage, Single Envelope Procedure"
5. Tender Published: NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No. 1632/2014 in daily news papers 10-05-2014 and also hoisted in SPPRA website at Serial No. 20306
6. Total Bid documents Sold: 04 Nos.
7. Total Bids Received: 02 Nos.
8. Tender Opening date: 26-05-2014
9. Bid(s) Rejected: Nil
10. Financial Bid Opening date: 26-05-2014
11. Approved PC-1 Cost of scheme: Rs.3742.548 Million is the PC-I cost of entire scheme name "Establishment of Comprehensive High School in Sindh (25 Units), ADP No. 296 of 2014-2015", (Rs.411.682 Million for 3No Schools) Rs.473,433,000/-
12. Engineer's Estimate
13. Bid Evaluation Report:


Sr.	Name of Firm or Bidder	Corrected Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1	M/s Kasmir Pre-Engineered Construction (Pvt) Ltd.	Rs.473,081,056/-	1st Lowest.	0.07% Below	Lowest Bid	Recommended for Award of Work.
2	M/s Asian Construction Co.	Rs.517,614,027/-	2nd Lowest.	9.33 % above	Highest Bid	Rejected

1.   
(Dadlo Zuhri)  
Member (Internal)  
Deputy Secretary (S-1)  
Education & Literacy Department  
Government of Sindh

2.   
(Aijaz Memon)  
Member (External) /  
Section Officer (Dev-V)  
Representative of Finance Department,  
Government of Sindh

3.   
(Nabeel Ahmed)  
Member (Internal)/  
Project Engineer, PMIU,  
Education & Literacy Department  
Government of Sindh

4.   
(Imdad Ali Memon)  
Member (External) /  
Executive Engineer, Education works,  
Division-II, Karachi  
Representative of Works & Services  
Department,  
Government of Sindh

5.   
(Abdul Sattar Jatui)  
Chairman (Internal)/  
Project Director, PMIU,  
Education & Literacy Department  
Government of Sindh

LIST OF TENDER SOLD

**Project : Establishment of Comprehensive High schools in Sindh (2S Units), ADP No. 20S of 2013-2014.**

Name of Work : "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Hyderabad, Matiari and Kotri as Single Package-B

**Tender No. : C7 (Package-B)**

NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

Last Date of Submission Time : 26-05-2014 (3.00 pm ) in the office of Project Director

SR. NO.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Immad Construction
3	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd (KAPEC)
4	M/S Wahid Bux



LIST OF BID RECEIVED

Project : Establishment of Comprehensive High schools in Sindh (25 Units), ADP No. 205 of 2013-2014.

Name of Work : "Design, Supply & installation of Comprehensive Schools in Sindh with Cold Formed Steel Structure (Inclusive of Complete Civil, Electrical, Plumbing & External Development Works" at Hyderabad, Matiari and Kotri as Single Package-B

Tender No . : **07 (Package-B)**

NIT / TENDER NOTICE DATE: Published vide ID : INF/ KRY/No.1632/2014 in daily news papers dt:10-05-2014 and also hoisted in SPPRA website at Serial No. 20306

Tender Opening Time : 26-05-2014 (4.00 pm ) in the office of Project Director

SR. NO.	NAME OF FIRMS / CONTRACTORS
1	M/s Asian Construction Company (ACC)
2	M/s Kashmir Pre-Engineered Construction (Pvt) Ltd (KAPEC)

ATTACHMENT OF COMPREHENSIVE HIGH SCHOOLS IN SINDH

Package -B, (Hyderabad, Matiari & Kotri)

Bid Opening Report (Attendance Sheet)

Date: 26/8/2014  
Time: 12:00 hrs

Sl. No	NAME OF BIDDER	REPRESENTATIVE	DESIGNATION	SIGNATURE
1	KRUBAN ACE (ASIAN CONSTRUCTION)	IRSHAD ALI	CONTRACTS MANAGER	[Signature]
2	Principals Group (A.P.M. Unit)	Sagheer Ahmad	Project Manager	[Signature]
3	/	/	/	/
4	/	/	/	/
5	/	/	/	/
6	/	/	/	/
7	/	/	/	/
8	/	/	/	/

Client / PD Representative

[Signature]  
Project Director, PHED

Name & Signature

Others:  
Position: Mr. M. M. Khan (Asst. Member) Finance  
Representative of Education Dept.  
Education Dept.

Consultant Representative

[Signature]  
(M/S E.A. Consulting Pvt. Ltd.)

Name & Signature

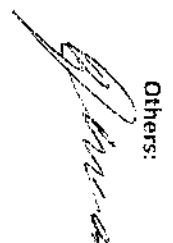
Others:  
[Signature]  
Name: M. M. Khan  
Project Engineer


FORMER GOVERNMENT OF SINDH EFFECTIVE HIGH SCHOOLS IN SINDH  
 Package-03, Hyderabad, Matiari & Kotri  
 Bidding Opening Report (Financial)

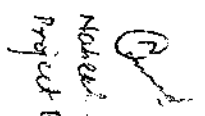
REQUIREMENTS		BIDDERS	
S.NO	REQUIREMENTS	NO. OF BIDDERS	NO. OF CONTRACT AWARDED
1	Bid Amount	100000000	100000000
2	Bid Security (Amount)	PKR 100000000	PKR 100000000
2.1	Type	PKR 100000000	PKR 100000000
2.2	From	PKR 100000000	PKR 100000000
2.3	Validity	22/5	26/5
3	Covering Letter	✓	✓
4	Original Bidding Documents	✓	✓
5	Addendum	N/A	N/A

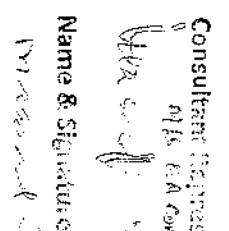
Client / PD Representative

Name & Signature

Others:  
  
 (Shams Ali Khan) Representative of Industries Dept

Others:  
  
 Aijaz Mehmood Representative of Finance Dept

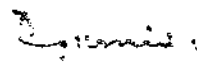
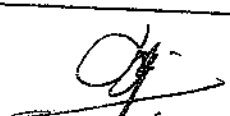
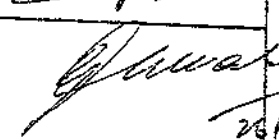
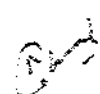

Others:  
  
 Naved Hussain Project Engineer

Consultant Representative  
  
 M. A. Memon  
 Name & Signature

Others:

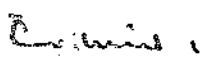





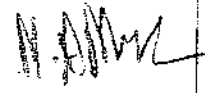


ATTENDANCE SHEET


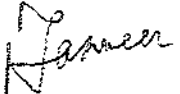
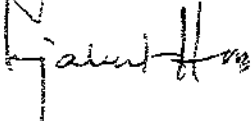
7TH MEETING OF PROCUREMENT COMMITTEE HELD ON 26-05-2014 (4.00 PM) IN THE OFFICE OF PROJECT DIRECTOR (PMIU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH

SR. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Sattar Jatoi P.S	PMIU Education & Lit. Deptt.	0300-8370724	
2	Ajiz Akbar Memon	PMIU	0333-2351858	
3	Gasim Akbar Nizami	Edu & Lit.	0341-0229-124	
4	Nabeek Hameed P.S	PMIU Edu. & Literacy	0321-2419741	
5	Muhammad Iqbal	Ed. & Literacy	03072222959	
6				
7				

## ATTENDANCE SHEET

9TH MEETING OF PROCUREMENT COMMITTEE HELD ON 19-09-2014 (03:00 PM) IN THE OFFICE OF PROJECT DIRECTOR (PMIU), EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH

SR. NO	NAME OF PARTICIPANT	DEPARTMENT	CONTACT NO	SIGNATURE
1	Abdul Saleem Jatoi P.D (PMIU)	Education & Literacy Dept.	9370-8370734	
2	Daud Lo Jhirsuri DS	EA LD	6336-071-1519	
3	Ajiz Ahmad Khan	SO PD -- --		
4	IMDAD ALI MEMON	EWD-II KHI	0320-3112475	
5	Naseel Ahmed PE (PMIU)	Education & Literacy Dept.	0321-2419741	
6	Ghulam Nabi Buledi Dy. P.D (PMIU)	Edu. & Literacy Department	03008376704	
7	Munazza Ali	E.W - TI Mem	0300/2537630	
8	Bharwan Khan		0333-3009335	

9. Anis Nauman EA Consulting 0333/2379245 
10. MUHAMMAD TANVEER ARIF NAZAR ASSOCIATES 0300-2147995 
11. Wajidul Haq EA Consultant 0321/9272502 
12. Ghulam Nabi



GOVERNMENT OF SINDH  
EDUCATION & LITERACY DEPARTMENT  
(Karachi), date the 22-01-2016

## NOTIFICATION

NO.SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010 a Procurement Committee comprising of following Officers for procurement of various store items to be procured for Project Management & Implementation of ADP scheme no. 204 & 205 Establishment of English Medium Schools in Cambridge Model Nursery to O Level (25 Units) (One in each district) & Establishment of Comprehensive Schools in Sindh (23 Units) (one in each District), is constituted as under:-

- |    |  |                 |
|----|--|-----------------|
| 1. | Project Director (PMIU)<br>Education & Literacy Department                                       | Chairman        |
| 2. | Project Engineer (PMIU)  | Member          |
| 3. | Representative of Works & Services Department<br>(Having Technical Expert in the relevant field) | Member          |
| 4. | Representative of Finance Department   | Member          |
| 5. | Deputy Secretary (S-1)<br>Education & Literacy Department  | Member / Secret |

### To Do

- Preparing bidding document;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule-5 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above.

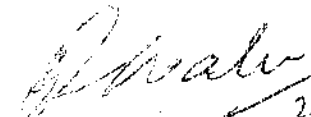
SECRETARY EDUCATION  
GOVT. OF SINDH

NO. SO(G-III) EDU/E&A/PRO-ADP-PMU/13-14. Karachi, date the 22-01-2016  
A copy is forwarded for information & necessary action.

The Secretary Works & Services Department, Government of Sindh with a request to nominate Officer for above committee.

The Secretary Finance Department, Government of Sindh with a request to nominate Officer for above committee.

1. All Member of the Committee.
2. The P.S. to Senior Minister Education & Literacy Department, Govt. of Sindh, Karachi.
3. The P.S to Secretary, Education & Literacy Department  
Office Order No. \_\_\_\_\_

  
AKBAR NIMAL  
SECTION OFFICER (G-III)