



ALMA-MATER OF QAID-E-AZAM MOHAMMAD ALI JINNAH

## SINDH MADRESSATUL ISLAM UNIVERSITY

NO. SMIU/P&D/-TEND-MS&UAB/2018/04

28/06/2018

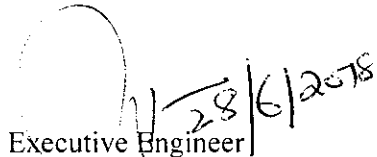
To;

**The Director**  
(A&F)  
SPPRA, Karachi,  
Ph: 021-99205369, 99206291  
Block-8, Sindh Secretariat No.4-A,  
Court Road, Karachi

**Sub: Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1: Model School) – Bid Opening Extension.**

It is submitted that tender notice captioned above has been floated on SPPRA website via Serial No. 37765 and SPPRA ID 2147483647 dated 12/06/2018. Please find the attached minutes of meetings for pre-bid meeting held on 21<sup>st</sup> June 2018.

**During the meeting bid opening date has been extended from 29/6/2018 to 06/07/2018.**

  
Executive Engineer | 28/6/2018

Copy to:

1. Accounts officer/Director Finance
2. Dir (P&D)
3. P.S to Vice Chancellor

*Ashtul eb*  
*28/6*

SPPRA INWARD DIARY  
NO : 6035  
DATED 28-7-2018

**Pre-Bid**  
**Minutes of Meeting**

**Project:** Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1, Model School)  
**Date:** 21<sup>st</sup> June, 2018  
**Time:** 14:00 PM.  
**Venue:** Conference Room No.02, First Floor Main building, Sindh Madressatul Islam University

**Participants:**

**Procurement Committee**

1. Mr. Gulzar Ahmed Mughal  
Registrar, BPS-20, SMIU  
Convener
2. Mr. Suresh Mal Dodani  
Project Coordinator, SMIU Malir Campus  
Member
3. Mr. Ali Gohar Larik  
Executive Engineer  
Member/Secretary
4. Mr. Munir Ahmed Sehar  
Resident Auditor, D.U.E.T, Karachi  
(from agencies/dept other than SMI university)  
Member
5. Mr. Maqbool Raza  
Head of Contracts and Construction  
EA Consulting (Pvt.) Ltd.  
(from agencies/dept other than SMI university)  
Member

**EA Consulting (Pvt.) Ltd.**

1. Mr. Sami Ullah Khan  
Senior Contract Manager
2. Mr. Ali Saleem Kazi  
Contract Manager

**Bidders:**

1. Mr. Abdul Muttalib  
M/s Ziauddin Ahmed & Co. (Pvt) Ltd
2. Mr. Zeeman Abdur Rehman  
M/s AMCORP Engineering &  
Construction (Pvt) Ltd
3. Mr. Zafar ul Hasain  
M/s Manzoor Ahmed
4. Mr. Shakil Amir  
M/s AH Construction Co.
5. Mr. Muhammad Akbar  
M/s AH Construction Co.
6. Mr. Muhammad Aamir  
M/s Pakistan Civil & Electrical Works

The meeting started with the Registrar SMIU (Convener of Procurement Committee) welcoming all the participants and invited the bidders to clarify any item with respect to the Tender Documents.

The various clarifications pertaining to the contractual and technical aspects were raised by the bidders, both verbally and in the written form.

Details of queries along with the respective responses are given herein below.

**Pre-Bid**  
**Minutes of Meeting**

S.No	Points raised by Bidders	Reply by SMIU/EA
1	Performance Security to be changed from Bank Guarantee to Insurance Guarantee	Performance Security shall remain in form of Bank Guarantee as specified in Bid Documents.
2	Fix the amount of Bid Security as it would take time to finalize the cost of project.	Bid Security shall remain as 2% of the Bid Amount as specified in SPPRA guidelines and Bid Document.
3	Provision Mobilization Advance	No Mobilization Advance shall be provided.
4	Engineer Facilities	<b>The Engineer's Facilities as defined in Specification-Special Provisions of the Tender Document at Sub-Clause 9.2 &amp; Clause 10 is to be considered as NOT APPLICABLE.</b>  Subsequently, Sub-Clause 9.2 & Clause 10 are deleted and reflected in the <b>ADDENDUM NO.1</b> to the Contract attached herewith.
5	Camp Site Facility.	Only limited space shall be provided to the Successful Bidder. Utilities such as electricity, water connections etc. shall not be the responsibility of the Client and has to be arranged by the contractor at his end & own cost.
6	Adhoc Payment of IPC	No Adhoc Payment shall be made against IPC. Payment shall be made within the stipulated time in the contract after physical verification of work done.
7	SRB (Sindh Revenue Board) Sindh Services Tax deduct by university or your university exempted from this tax.	As confirmed by Client (SMIU) SRB Tax will not apply on their building as these fall under the category of Government Building mentioned in Notification No. SBR/3-4/7/2013 dated 18 <sup>th</sup> June 2013. (Attached)
8	Provision of using plywood as a substitute to metal/ steel shuttering.	Contractor may use plywood shuttering. However, due care must be taken in fixing to achieve fair face concrete finish.

S.No	Points raised by Bidders	Reply by SMIU/EA
9	Approved Manufacture List	The list has already been provided in the Technical Specification
10	Plumbing Fixtures	Plumbing fixtures are reflected in the BOQ. However, for any item not mentioned in the explicitly covered, the contractor will use the best available category market product as approved by Engineer Incharge.
11	Concreting activities to be done by weight or by volume.	Ready Mix concrete to be used which is by volume. This has been specified in BOQ.
12	Soft Copy of BOQ	Excel File will not be provided.
13	Geotechnical Investigation Report to be provided.	Geotechnical Investigation Report is attached herewith.
14	Extension in Bid Submission by at least 2 weeks	Extension of 01 week has been granted and now the bids will be opened on 06/07/2018 instead of 29/06/2018 at the same time and venue. All other terms and conditions will remain same.

**PROCUREMENT COMMITTEE**

- |    |   |                  |   |
|----|---|------------------|---|
| 1. | Mr. Gulzar Ahmed Mughal<br>Registrar  | Convener         |  |
| 2. | Mr. Suresh Mal Dodani<br>Project Coordinator (Malir), SMIU  | Member           |  |
| 3. | Mr. Ali Gohar Larik<br>Executive Engineer   | Member/Secretary |  |
| 4. | Mr. Munir Ahmed Sehar<br>Resident Auditor, D.U.E.T, Karachi<br>(from agencies/dept other than SMI university)                         | Member           |  |
| 5. | Mr. Maqbool Raza<br>Head of Contracts and Construction<br>EA Consulting (Pvt.) Ltd.<br>(from agencies/dept other than SMI university) | Member           |  |

Meeting ended with the vote of thanks.

## **ADDENDUM NO.1**

**Issued on 25<sup>th</sup> June 2018.**

**Subject:** Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1, Model School).

### **Tender Document**

**THE FOLLOWING SHALL BE CONSIDERED TO BE AN ADDENDUM TO THE TENDER DOCUMENT OF THE SUBJECT PROJECT AND SHALL FORM A PART OF THE CONTRACT DOCUMENT.**

Tender Document, Volume-1

Conditions of the Contract - Specifications – Special Provisions.

**a. Sub-Clause 9.2 (Engineer's Office)**

**" The entire Sub-Clause 9.2 is deleted"**

**b. Clause 10 (Other facilities for Engineer's personal to be provided by the contractor)**

**" The entire Clause 10 is deleted"**

**End of Addendum No.1**



GOVERNMENT OF SINDH  
SINDH REVENUE BOARD  
Karachi dated the 18<sup>th</sup> June, 2013

**NOTIFICATION**  
(Sindh Sales Tax on Services)

No.SRB-3-4/7/2013.----- In exercise of the powers conferred by sub-section (1) of section 10 of the Sindh Sales Tax on Services Act, 2011 (Sindh Act No.XII of 2011), the Sindh Revenue Board, with the approval of the Government, is pleased to exempt the whole of the tax leviable on the services specified in column (2) of the Table below as are classified in the tariff heading mentioned thereagainst in column (1).

TABLE

Tariff Heading No.	Description of services and the conditions and restrictions for exemption
(1)	(2)
9801.2000 and 9801.5000	Services provided or rendered by restaurants and caterers, whose turnover does not exceed 3.6 million rupees in a financial year:  Provided that the exemption shall not apply in case of:-  (i) restaurants which are air-conditioned on any day in a financial year;  (ii) restaurants and caterers located within the building, premises or precincts of any hotel, motel, guest house or club whose services are liable to sales tax;  (iii) restaurants and caterers providing or rendering services in the building, premises, precincts, hall or lawn of any hotel, motel, guest house, marriage hall or lawn or club whose services are liable to sales tax;  (iv) restaurants and caterers which are franchisers or franchisees;  (v) restaurants and caterers having branches or more than one outlet in Sindh; and  (vi) restaurants and caterers whose total utility bills (gas, electricity and telephone) exceed Rs. 40,000/= in any month during a financial year.

P.T.O

9801.3000	<p>Services provided or rendered by marriage halls and lawns located on plots measuring 800 square yards or less:</p> <p>Provided that the exemption shall not apply in case of:-</p> <ul style="list-style-type: none"> <li>(i) marriage halls and lawns which are air-conditioned on any day in a financial year;</li> <li>(ii) marriage halls and lawns located within the building, premises or precincts of a hotel, motel, guest house, restaurant or club who services are liable to tax;</li> <li>(iii) marriage halls and lawns as are owned, managed or operated by caterers whose services are liable to tax;</li> <li>(iv) marriage halls and lawns which are franchisers or franchises; and</li> <li>(v) marriage halls and lawns having branches or more than one hall or lawn in Sindh;</li> </ul>
9801.4000 and 9801.6000	<ul style="list-style-type: none"> <li>(i) Services and ancillary services provided or rendered by Clubs whose initiation fee for members does not exceed thirty thousand rupees and whose monthly fee/subscription for the members also does not exceed one hundred rupees; and</li> <li>(ii) charges received by Clubs from its members as refundable security deposits and voluntary contributions for the welfare (e.g. eid gifts) for the Club staff or for payment to the registered non-profit organizations, as defined and for the purposes mentioned in under section 2(36) of Income Tax Ordinance, 2001.</li> </ul>
Respective sub-heading of tariff heading 98.02	Advertisements financed out of funds provided under grants-in-aid agreements.
9802.4000	Advertisement in newspapers and periodicals.
9809.0000	<p>Services provided or rendered by persons engaged in contractual execution of work or furnishing supplies:-</p> <ul style="list-style-type: none"> <li>(i) in relation to the work or supplies the total value of which does not exceed 50 million rupees in a financial year subject to the condition that the value component of services in such contractual execution of work or furnishing supplies also does not exceed 10 million rupees; and</li> <li>(ii) in relation to the textbooks, published for free distribution amongst students free of cost, against the order of Sindh Textbook</li> </ul>

P. 5. a



	<p>Board subject to the conditions that the Sindh Textbook Board:-</p> <p>(a) assigns the work to a person duly registered under the Sindh Sales Tax on Services Act, 2011; and</p> <p>(b) furnishes, to the Sindh Revenue Board, statement on quarterly basis, showing name of person/contractor, SNTN, value of such contract, along with certificate about the free of cost distribution of such textbooks amongst the students.</p>
9809.0000	Services provided or rendered by M/s NADRA Technologies Ltd (NTL) in relation to utility bill collection.
9810.0000	<ol style="list-style-type: none"> <li>1. Persons providing the services of hair cutting, hair dressing and hair dyeing and shaving provided that they do not provide any other beauty treatment, beauty care, beauty parlour or beauty clinic service.</li> <li>2. Services provided or rendered by beauty parlours/clinics and slimming clinics whose turnover does not exceed 3.6 million rupees in a financial year.</li> </ol>
Respective sub-headings of tariff heading 98.12	<ol style="list-style-type: none"> <li>1. Telecommunication Services involving charges payable on the International leased lines or bandwidth services used by software exporting firms registered with the Pakistan Software Exporting Board;</li> <li>2. Internet services, whether dial up or broadband, including email services and data communication network services valued at not more than 1,500 rupees per month per service recipient.</li> </ol>
Respective sub-headings of tariff heading 98.13	Services provided or rendered by banking companies and non-banking financial companies in respect of Hajj and Umrah, Cheque Book issuance, Musharika and Modaraba financing and utility bills collection.
9813.1400	Marine insurance for export.
9813.1500	Life insurance
9813.1600	Health insurance
9813.1600	Crop insurance.
9820.1000	Services provided by an auto-workshop, other than an authorized service station, whose turnover does not exceed 3.6 million rupees in a financial year.
9824.0000	<p>Construction services related to:</p> <p>(i) projects of commercial and industrial nature, where the value of construction does not exceed 50 million rupees subject to the condition that the value component of service in such a project</p>

P.T.d

	<p>also does not exceed 10 million rupees;</p> <p>(ii) projects of developing or promoting the conversion of land into residential or commercial plots or construction of residential or commercial buildings which pay tax on the services of property developers or promoters under tariff heading 9807.0000 or 9814.3000;</p> <p>✓ (iii) <del>construction and repair of roads, ports, airports, railways, transport terminals, bridges, Government and local bodies, Government and Cantonment Board buildings, and buildings for commercial purposes or for commercial letting out on rent;</del></p> <p>(iv) construction and development of EPZ, SEZ, diplomatic and counselor buildings and such other buildings and structures of the organizations as are exempt from application of the Income Tax Ordinance, 2001; and</p> <p>(v) construction of independent projects of private residential houses and apartments where the covered area does not exceed 10,000 square feet in respect of houses, and 20,000 square feet in respect of apartment complexes.</p>
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2. This notification shall take effect from 1<sup>st</sup> day of July, 2013, in supersession of notification No. SRB.Leg(1)/2011, dated the 1<sup>st</sup> July, 2011.

[File.No. SRB-3-4/MTP/1/2013]

(S. Mushtaqe Kazimi)  
Member (Tax Policy)



ALMA-MATER OF QAHIYI-AZAM MOHAMMAD ALI BINNATI

**SINDH MADRESSATUL ISLAM UNIVERSITY**

NO. SMIU/P&D/-TEND-MS&UAB/2018/05

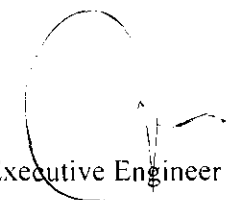
02/07/2018

To;

**The Director**  
(A&F)  
SPPRA, Karachi,  
Ph: 021-99205369, 99206291  
Block-8, Sindh Secretariat No.4-A,  
Court Road, Karachi

**Sub: Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1: Model School) – Addendum 1 and Addendum 2**

It is submitted that tender notice captioned above has been floated on SPPRA website via Serial No. 37765 and SPPRA ID 2147483647 dated 12/06/2018. Please find the attached Addendum No. 1 and Addendum No. 2 for the subject works for uploading on SPPRA website.

  
Executive Engineer

SPPRA INWARD DIARY

NO : 204

DATED 02-07-2018

ASMB/MS

Pls check it thoroughly before posting on website

  
2/7

## **ADDENDUM NO.1**

**Issued on 25<sup>th</sup> June 2018.**

**Subject:** Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1, Model School).

### **Tender Document**

**THE FOLLOWING SHALL BE CONSIDERED TO BE AN ADDENDUM TO THE TENDER DOCUMENT OF THE SUBJECT PROJECT AND SHALL FORM A PART OF THE CONTRACT DOCUMENT.**

Tender Document, Volume-1

Conditions of the Contract - Specifications – Special Provisions.

**a. Sub-Clause 9.2 (Engineer's Office)**

**" The entire Sub-Clause 9.2 is deleted"**

**b. Clause 10 (Other facilities for Engineer's personal to be provided by the contractor)**

**" The entire Clause 10 is deleted"**

**End of Addendum No.1**

## ADDENDUM NO.2

Issued on June 29, 2018

**SUBJECT:** Development of SMIU Model School & University Academic Block at SMIU City Campus, Karachi (Phase 1, Model School).

### TENDER DOCUMENT

THE FOLLOWING SHALL BE CONSIDERED TO BE AN ADDENDUM TO THE TENDER DOCUMENTS OF THE SUBJECT PROJECT AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS.

- Following items are replaced in tender document Volume – III (Bill of Quantities) – Schedule items. Bidders are advised to incorporate them accordingly.

1. Civil Works - BOQ

Sr #	Sub Head	Attachment
1	Masonry Works (item no. 4.1 to 4.3)	Annexure-A
2	Wall Finishes (Item no. 9.1)	
3	Ceiling Finishes (Item no. 10.1 to 10.2)	
4	External Finishes (Item no. 11.1 to 11.3)	

2. External Development Works - BOQ

Sr #	Sub Head	Attachment
1	Low Height Boundary wall (item no. 1 to 13)	Annexure-B

END OF ADDENDUM NO. 2

# Annexure-A

S.No	GOVT.OF SINDH CSR 2012 Item #/Page#/ Vol.sched ref.	DESCRIPTION	QTY	UNIT	RATE (RS.)	AMOUNT (RS.)
<b>PART-A (SCHEDULE ITEMS)</b>						
4		<b>Masonry Works</b> All items under this head (Architectural) to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, and complete in all respect and to the entire satisfaction of the Engineer.				
4.1		<b>D.P.C</b> Providing and laying DPC damp proof course with (Cement sand and shingle concrete 1:2:4) including 2 coats of asphalt mixture with leveling, curing, finishing etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 28b / P-19 / Vol-III,Part-II,(General)	i) Ground Floor	6.4	Sq	12.50	80.00
4.2		<b>Block Masonry</b> Providing and laying 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints & curing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 23 / P-19 / Vol-III,Part-II, (General)	a) <b>8" Thick Block Masonry</b>				
	Item # 23 / P-19	i) Ground Floor	20.0	Sq	12.50	250.00
	Item # 23+30 / P-19	ii) First Floor	20.0	Sq	12.50	250.00
	Item # 23+30 / P-19	iii) Second Floor				
	Item # 23+30 / P-19	iv) Third Floor	190.0	Sq	12.50	2375.00
	Item # 23+30 / P-19	v) Roof	70.0	Sq	12.50	875.00
4.3		Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints & curing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 24 / P-19 / Vol-III,Part-II, (General)	a) <b>6" Thick Block Masonry</b>				
	Item # 24 / P-19	i) Ground Floor	227.0	Sq	12.50	2837.50
	Item # 24+30 / P-19	ii) First Floor	220.0	Sq	12.50	2750.00
	Item # 24+30 / P-19	iii) Second Floor	10.0	Sq	12.50	125.00
	Item # 24+30 / P-19	iv) Third Floor	134.0	Sq	12.50	1675.00
	Item # 24+30 / P-19	v) Roof	10.0	Sq	12.50	125.00
	Item # 24 / P-19	b) <b>4" Thick Block Masonry</b>				
	Item # 24 / P-19	i) Ground Floor	10.0	Sq	12.50	125.00
	Item # 24+30 / P-19	ii) First Floor	125.0	Sq	12.50	1562.50
	Item # 24+30 / P-19	iii) Second Floor	10.0	Sq	12.50	125.00
	Item # 24+30 / P-19	iv) Third Floor	10.0	Sq	12.50	125.00
	Item # 24+30 / P-19	v) Roof				
<b>Total Amount Carried to Summary</b>						2362250.00

S.No	GOVT. OF SINDH CSR 2012 Item #/Page#/ Vol.sched ref.	DESCRIPTION	QTY	UNIT	RATE (PKR)	AMOUNT
9		<b>WALL FINISHES</b> All items under this head (Architectural) to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, and complete in all respect and to the entire satisfaction of the Engineer.				
9.1		<b>INTERNAL PLASTER</b> Providing and applying (1/2") thick cement plaster to internal walls, columns, beams, etc. with cement mortar, including all corners, recesses, jambs, raking out joints of masonry, scaffolding etc. completing all respects as per standard specification drawings and entire satisfaction of the Engineer.				
	Item # 11b / P-52 / Vol. II, Part-II, {General}					
	Item # 11b / P-52	i) Ground Floor	12.00	Sq	25.00	300.00
	Item # 11b+29 / P-52 & 54	ii) First Floor	6.00	Sq	25.00	150.00
	Item # 11b+29 / P-52 & 54	iii) Second Floor	11.928	Sq	25.00	298.20
	Item # 11b+29 / P-52 & 54	iv) Third Floor	3.00	Sq	25.00	75.00
	Item # 11b+29 / P-52 & 54	v) Roof	1.00	Sq	25.00	25.00
<b>Total Amount Carried to Summary</b>						



S.No	GOVT.OF SINDH CSR 2012 Item #/Page#/ Vol.sched ref.	DESCRIPTION	QTY	UNIT	RATE (RS)	AMOUNT (RS)
10		<b>CEILING FINISHES</b>				
		All items under this head (Architectural) to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, and complete in all respect and to the entire satisfaction of the Engineer.				
10.1		<b>PLASTER (INTERNAL CEILING SURFACE)</b>				
	Item # 13b / P-52 / Vol. III, Part-II, (General)	Providing and applying (1/2") thick cement plaster to internal ceiling, soffits of beams and projections etc. with cement mortar 1:5 or corners, recesses, jambs, raking out joints of masonry, scaffolding etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 13b / P-52	i) Ground Floor	57.0	sq	20.00	1140.00
	Item # 13b+29 / P-52 & 54	ii) First Floor	49.5	sq	18.00	891.00
	Item # 13b+29 / P-52 & 54	iii) Second Floor	49.5	sq	18.00	891.00
	Item # 13b+29 / P-52 & 54	iv) Third Floor	12.0	sq	18.00	216.00
	Item # 13b+29 / P-52 & 54	v) Roof	1.0	sq	20.00	20.00
10.2		<b>PAINT (INTERNAL CEILING SURFACE)</b>				
	Item # 23+24c / P-54 / Vol.III, Part II, (General)	Providing and applying painting on a ceiling surface with Distemper. Paint of approved shade three coats over and including a coat of primer over plastered surface of any height in any room including preparation of surface, filling depression with putty, rubbing, sand papering and cleaning etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 23+24c / P-54	i) Ground Floor	57.0	sq	15.00	855.00
	Item # 23+24c / P-54	ii) First Floor	49.5	sq	15.00	742.50
	Item # 23+24c / P-54	iii) Second Floor	49.5	sq	15.00	742.50
	Item # 23+24c / P-54	iv) Third Floor	12.0	sq	15.00	180.00
	Item # 23+24c / P-54	v) Roof	1.0	sq	15.00	15.00
<b>Total Amount Carried to Summary</b>						751,075.20

S.No	GOVT. OF SINDH CSR 2012 Item #/Page#/ Vol.sched ref.	DESCRIPTION	QTY	UNIT	RATE (RS)	AMOUNT (RS)
11	2	<b>EXTERNAL FINISHES</b>				
		All items under this head (Architectural) to be carried out as per specifications, Drawings, relevant BSI/ASTM Standards, and complete in all respect and to the entire satisfaction of the Engineer.				
11.1		<b>PLASTER (EXTERNAL SURFACE)</b>				
	Item # 11c / P-52 / Vol. III, Part-II, (General)	Providing and applying (3/4") thick cement plaster to external walls, columns, beams, etc. with cement mortar 1:4 including all corners, recesses, jambs, raking out joints of masonry, scaffolding etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	Item # 11c / P-52	i) Ground Floor	1.44	sq	1,100	1,584
	Item # 11c+29 / P-52 & 54	ii) First Floor	4.40	sq	3,150	13,860
	Item # 11c+29 / P-52 & 54	iii) Second Floor	4.390	sq	3,150	13,828
	Item # 11c+29 / P-52 & 54	iv) Third Floor	3.40	sq	3,150	10,710
	Item # 11c+29 / P-52 & 54	v) Roof	1.20	sq	3,150	3,780
11.2		<b>Rough Cast Plaster</b>				
	Item # 13b / P-52 / Vol. III, Part-II, (General)	Providing and applying (1/2") thick cement plaster to internal ceiling, soffits of beams and projections etc. with cement mortar 1:6 including all corners, recesses, jambs, raking out joints of masonry, scaffolding etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
			1.20	sq	1,100	1,320
11.3		<b>Groove Plaster</b>				
	Item # 34 / P-55 / Vol. III, Part-II, (General)	Extra labor rate for making grooves at 1" x 1/4" or 3/4" x 1/2" grooved surface with true edges both vertically and horizontally with uniform width with groove base smoothly finished etc. as per standard specification, drawing and entire satisfaction of the Engineer. At any height any floor.				
			2.50	sq	1,100	2,750
<b>Total Amount Carried to Summary</b>						825,567.15

# Annexure-B

BILL OF QUANTITY

S.No	GOVT.OF SINDH CSR 2012 Item #/Page#/ Vol.sched ref.	DESCRIPTION	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
<b>PART-A (SCHEDULE ITEMS)</b>						
		<b>LOW HEIGHT BOUNDRY WALL</b>				
		<b>EXCAVATIONS, BACKFILLING AND DEWATERING</b> Excavation in foundation & dewatering or boring or pumping out sub soil water during excavation concreting, cast in situ concrete or masonry work in foundation of building, bridges and other structures including daggbellling dressing refilling around structure with (suitable) excavated earth watering, ramming lead upto 5-0' ft. Complete and disposal of surplus excavated material to designated area (to all lead & ft), etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
1	Vol. III, Part-II & III, (General & PHEW)	a) In Sand, Ashes or Loose Soil ± 0'-0" ft to -5'-0" ft				
	Item # 18(a)+18(iii) / P-4+75/	<b>STONE SOLING</b> Providing and laying dry rammed brick or stone ballast / soling 1-1/2" to 2" gauge from approved quarry including nona packing & filling voids with stone material, consolidating & compacting with power or hand roller, etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	80	CH	21.25	1700.00
2	Item # 2 / P-15 / Vol-III, Part-II, (General)	<b>PCC 1:4:8</b> Providing and laying cement concrete plain including packing, compacting, finishing, leveling and curing complete including concrete and washing of stone aggregate with water etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	240	CH	2.67	640.80
3	Item # 5(i) / P-16 / Vol-III, Part-II, (General)	Below foundation, plinth beams, sita, walls, tanks, over stone soling or where required (Ratio 1:4:8)	240	CH	2.67	640.80
		<b>WOODEN FORMWORKS/SHUTTERING</b> Providing, fixing, erection and removal of centering for R.C.C or plain cement concrete works of parta: wood (shuttering / formwork) of approved quality in horizontal / vertical surface etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
4	Item # 19b(i+ii/2) / P-18 / Vol-III, Part-II, (General)	Form work for lean 1:4:8 1:1/2 to 1:3 to 1:4:8				
		Providing and laying Reinforced cement concrete having 3000 psi <b>cylindrical strength</b> (ready mixed concrete) including all kinds of formwork, hoisting, placing, compacting, finishing, watering, curing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (Excluding the cost of steel reinforcement)				
5	Item # 10i / P-112 / Vol-III, Part-II, (General)	Plinth Beams	80	CH	271.61	21728.80
		Providing, supplying, cutting, fabrication of bar / deformed steel reinforcement bar for cement concrete including cutting, bending, laying in position making joints and fastening including cost of binding wire (but includes removal of ) etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. (as per cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer)	100	CH	70.00	7000.00
6	Item # 8b / P-17 / Vol-III, Part-II, (General)	<b>BITUMEN COATING</b> Providing and applying industrial bitumen paint/coating to plastered or cement concrete surface etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	400	sq	1.75	700.00
7	Item # 9 / P-71 / Vol-III, Part-II, (General)	<b>D.P.C</b> Providing and laying DPC damp proof course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mastic with covering, curing, finishing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	40	sq	39.12	1564.80
8	Item # 28b / P-19 / Vol-III, Part-II, (General)					

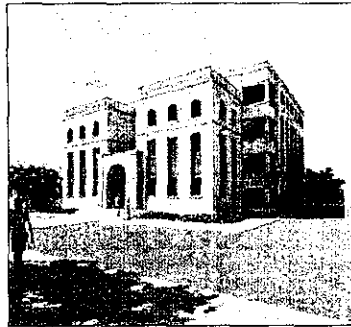
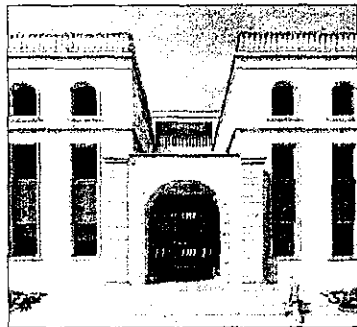
BILL OF QUANTITY

9	Item # 23 / P-19 /Vol.III,Part-II, (General)	<b>Block Masonry</b> Providing and laying 1:3:6 cement concrete solid brick masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure including raking out joints & curing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	c)	<b>8" Thick Block Masonry</b> i) Block column	35	00	35.00	100.00
10	Item # 24 / P-19 /Vol.III,Part-II, (General)	Providing and laying 1:3:6 cement concrete solid brick masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structure including raking out joints & curing etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
	c)	<b>6" Thick Block Masonry</b> i) Ground Floor	180	00	180.00	290.00
11	Item # 11c / P-52 / Vol. III,Part- II,(General)	<b>PLASTER (EXTERNAL SURFACE)</b> Providing and applying (3/4") thick cement plaster to external walls, columns, beams, etc. with cement mortar 1:4 including all corners, recesses, joints, raking out joints of masonry, scaffolding etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.				
		i) Ground Floor	12	00	12.00	302.00
12	Item # 38 A / P-56 / Vol. III,Part- II,(General)	Preparing the surface and painting with weather coat on the surface with rubbing brick/sand paper, filling the voids with approved mortar of bits and then painting with weather coat of approved make.  2nd and subsequent coat	420 220	00 00	420.00 220.00	520.00 520.00
13	Item # 72 / P-49 / Vol. III,Part- II,(General)	<b>CC Pre-Cast Paving</b> Providing & fixing cement paving blocks flooring having size of 177 x 77 x 40 (mm) of city/quaddra/cobble shape with pigmented, having strength of 5000 psi to 8500 psi/c filling the joints with bit sand and laying in bed form manner /pattern and design etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	4000	00	4000.00	920.00
<b>Total of Schedule Items</b>						<b>1,563,452.28</b>
<b>Add ..... % Above / Below / At par on Civil Works of Sindh CSR-2012</b>						
<b>Grand Total Carried to Master Summary</b>						



**Sindh Madressatul Islam  
University**

**Development of SMIU Model School & University Academic Block  
at SMIU City Campus Karachi (Phase 1, Model School)**



**Tender Document**

**Volume-II**

**Technical Specifications**



**EA Consulting Pvt Ltd**

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June, 2018

## SECTION – 9

### 9.0 STRUCTURAL STEEL WORKS

#### 9.1 SCOPE

This Section covers requirements of steels, steel work, fabrication, methods including precautions for erection of steel structures and other general requirements incidental to steel work.

#### 9.2 GENERAL

The applicable requirements of this section as determined by the Engineer shall apply to all structural steel works under this contract. The work covered by this Section consists of all material, labour, plant, equipment and appliances including welding, bolts, nuts, washers, anchor bolts, embedded parts etc. fabrication and erection in accordance with the specifications and as per drawings and as directed by the Engineer.

#### 9.3 DRAWINGS

##### 9.3.1 Design and Working Drawings

These shall be prepared by the Engineer and supplied to the Contractor. These shall contain main dimensions, sizes of member & typical details of joints, list of material etc.

##### 9.3.2 Workshop Drawings

- a) Before proceeding with the manufacture, or fabrication, Workshop drawings shall be prepared by the Contractor from the working drawings supplied, taking into consideration the following instructions:
- Fabrication in convenient sub-assemblies and each shop assembly to be given an erection mark.
  - Milling (machining of bases of supporting plate) for erection without adjustments.
  - Provision of basic elements for/with erection devices.
  - Keeping with the requirements of computed strength of all connections and joints of structures not foreseen in the design and working drawings.
  - Other requirements having an influence on the technology of fabrication transportation and erection of steel structures.
  - Uniformity of elements and parts of the steel structures should be maintained for mass fabrication.
- b) Workshop drawings shall consist of two parts:
1. An erection scheme having the following information:

It shall be mandatory for all procuring agencies to advertise all procurement requirements exceeding prescribed financial limit i.e. **one hundred thousand rupees**. However under following circumstances deviation from the requirement is permissible with the prior approval of the Head of Department:-

- (a) in cases of emergency, specified minimum time period may be reduced subject to the prior approval with reasons to be recorded by the Head of Department or an officer not below BS-20 who has been delegated such powers;
- (b) in cases of procurement related to national security, the requirement of advertisement and publication may be waived; provided the competent authority declares beforehand that such a publication could jeopardize national security objectives;
- (c) the requirement of advertisement and publication may be waived in a case of procurement, if it relates to disclosure of information, which is proprietary in nature or falls within the definition of intellectual property which is available from a single source.

Provided that the approval of competent authority has been sought beforehand and such an authority, while giving approval shall record its reasons in writing for granting such approval.

**4.10 Extension of Deadline/Time Period for Submission of bids (Rule 22).** Procuring agency may extend the dead line for submission of bids, as per conditions mentioned in Rule 22.

Provided that advertisement of such extension in time shall be done in a manner similar to the original advertisement, in which case all rights and obligations of the procuring agency and bidders previously subject to the original dead line will thereafter be subject to the dead line extended.

In case, corrigendum or addendum is issued, following points be taken into consideration:-

- i. notice of corrigendum or addendum is issued prior to expiry date of submission of bids or at least published within 3 days of expiry date/opening date and hoisting on the same date.
- ii. notice is to be advertised in a manner similar to the original advertisement. Affixing of corrigendum on notice board of office of the procuring agency cannot substitute to the requirement of publication in newspaper or hoisting on SPPRA website as the case may be.
- iii. in case of material deviation or addendum, it is necessary to provide a minimum response period of fifteen days which will be counted from the date of publication/hoisting of such corrigendum or addendum;
- iv. in case addendum which envisages additional items to be tendered, then it is essential to enhance the response period by fifteen days to be counted from date of publication or hoisting on SPPRA website addendum at least for new items.