



**OFFICE OF THE PROJECT DIRECTOR**  
**REHAB: DHQ/THQ HOSPITALS IN SINDH, HEALTH DEPARTMENT**  
**GOVERNMENT OF SINDH, KARACHI**  
**(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE)**

Ref: No. PD/DHQ/1739/2013

Dated: 02/04/2013

To

✓  
The Manager (CB)  
SPPRA  
Karachi

Subject

ADP Scheme No. 1937 (2012-13) i.e. Expansion & Improvement of DHQ Hospitals in Sindh (06) "Tender for External Development & External Services for DHQ Hospital Nausheroferoze (Hoisting of Result of Bid Evaluation of SPPRA Web Site)

Reference

your office letter no Dir (Enf-I) SPPRA/1/3(Gen)/12-13 dated 2<sup>nd</sup> April 2013

In pursuance to your office letter as referred above regarding subjected matter, it is hereby confirmed that rule no. 48 has been complied.

  
Project Director

Rehab: DHQ/THQ Hospitals in Sindh  
Karachi

C.c. to:

Dr. Sikandar Mendhro MPA, Chairman, Health Advisory Board, Karachi  
PS to Secretary Health, Government of Sindh, Karachi.  
Director, Local Fund Audit, Karachi.

  
Project Director

Rehab: DHQ/THQ Hospitals in Sindh  
Karachi



**OFFICE OF THE PROJECT DIRECTOR**  
**REHAB: DHQ/THQ HOSPITALS IN SINDH, HEALTH DEPARTMENT**  
**GOVERNMENT OF SINDH, KARACHI**  
**SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE**

Ref: No. PD/DHQ/1741/2012

Dated: 02/04/2012

To ✓

The Manager (Enforcement-II)  
Sindh Public Procurement Regulatory Authority  
Karachi

Subject

NIT REF: NO.

1. PD/DHQ/1276/2012 (Equipment & Furniture 41 – Nos.) (INF-KRY No: 4531/12)
2. PD/DHQ/1275/2012 (Equipment & Furniture for TMK) (INF-KRY No: 4527/12)
3. PD/DHQ/1379/2013 Dated 04.01.2013
4. PD/DHQ/1264/2012 (Renovation Works at DHQ Naushero Feroz) Dated 30.11.2012
5. PD/DHQ/1354/2012 (Up-gradation of 4 – Nos.) DHQ Hospitals at Umerkot & Kamber @ Shahdadkot Dated 30.11.2012
6. PD/DHQ/1348/2013 Dadu & Mirpurkhas (INF-KRY No: 19/13)

I am hereby submitting the names with designations of Procurement Committee of Rehabilitation of DHQ/THQ Hospitals in Sindh for your record.

1. Dr. Ashfaq Hussain Memon, DGHSS, Hyderabad, Health Department. **Chairman**
2. Dr. Abdul Rashid, Project Director, Rehabilitation of DHQ/THQ Hospitals. **Member**
3. Mr. Mumtaz Ali Gopang, Deputy Secretary (Dev) B-18, Representative of Finance Department. **Member**
4. Ms. Shaista Jabeen, Additional Director (Dev) B-19, Representative of Development Wing, Health Department. **Member**
5. Dr. Javed Akhtar, Representative of WHO. **Member**

Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Karachi

Address: D-57/1, Block-9, Near Haque's Nursery, Clifton Karachi  
Tel: 021-36024884-5, Fax: 021-35822317  
Email: hab.karachi2010@yahoo.com

To


The Manager (Enforcement-II)  
Sindh Public Procurement Regulatory Authority  
Karachi

Subject: NIT REF: NO.

1. PD/DHQ/1276/2012 (Equipment & Furniture 41 – Nos) (INF-KRY No: 4531/12)
2. PD/DHQ/1275/2012 (Equipment & Furniture for TMK) (inf-kry No: 4527/12)
3. PD/DHQ/1379/2013 DATED 04.01.2013
4. PD/DHQ/1264/2012 (Renovation Works at DHQ Naushchro Feroze) Dated 30.11.2012
5. PD/DHQ/1354/2012 (Upgradation of 4-Nos) DHQ Hospitals at Umerkot & kamar @ Shahdadm Kot Dated 30.11.2012
6. PD/DHQ/1348/2013 Dadu & Mirpurkhas (Infkry No. 19/13)

I am hereby submitting the names with designations of Procurement Committee of Rehabilitation of DHQ / THQ Hospitals in Sindh for your record.

1. Dr. Ashfaq Hussain Memon, DGHSS, Hyderabad, Health department, **Chairman**
2. Dr. Abdul Rashid, Project Director, Rehabilitation of DHQ/THQ Hospitals **Member**
3. Mr. Mumtaz Ali Gopang, Deputy Secretary (Dev) B-18, Representative of Finance Department **Member**
4. Ms. Shaista Jabeen, Additional Director (Dev) B-19, Representative of Development Wing, Health Department **Member**
5. Dr. Javed Akhtar, Representative of WHO **Member**

  
Project Director  
Rehabilitation of DHQ/THQ Hospitals in  
Sindh  
Karachi



Government of Sindh  
Health Department (Development Wing)

VOLUME - VII

**COMPARATIVE STATEMENT**

**Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, NAUSHAHRO FEROZE, Sindh.**

**Project:**

**Expansion & Improvement of DHO Hospital in Sindh.**

**Client:**

**Health Department**



**Consultant:**

**Atif Nazar Associates**

**Consulting Engineers & Architects**

**B-28, Block - 15, Gulshan-e-Iqbal, Karachi - Pakistan.**

**Phone: 021-34982561, 34820497, E-mail: info@atifnazarassociates.com**



ATIF NAZAR ASSOCIATES



**Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT**

**GRAND SUMMARY**

	Engineer's Estimate	Approved PC-1 Cost / Ceiling	M/s. Z.I.A. Services
<b>Package - 1</b>			
Total	Rs. 72,862,341.06	Rs. 57,545,854.49	Rs. 89,987,012.50
Allied Buildings & Residential Buildings At D.H.Q. Hospital,			
<b>Package - 2</b>			
Total	Rs. 26,884,577.09	Rs. 30,619,245.17	Rs. 26,814,490.82
External Development & Renovation Works At D.H.Q. Hospital,			
<b>Add Contingency (1.725 M) / PC-1 Provisions (3.460 M)</b>		Rs. 5,184,900.34	-
<b>Grand Total</b>	Rs. 99,746,918.15	Rs. 93,350,000.00	Rs. 118,801,503.32
	<b>Rebate (+ / - ) if any ( Minus 9.65%)</b>		
		9.65%	Less Rebate
		Rs.	11,464,345.07
<b>Grand Total after Less Rebate</b>	Rs. 99,746,918.15	Rs. 93,350,000.00	Rs. 107,337,158.25



*Handwritten signature: J. A. Khan*  
*Handwritten text: Cooperated office*

*Handwritten signature: S. M. Khan*  
*Handwritten text: AD D.H.Q.*

*Handwritten signature: S. M. Khan*  
*Handwritten text: S.C.D. (1)*



Government of Sindh  
Health Department (Development Wing)

**EVALUATION REPORT (TECHNICAL)**

**Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, NAUSHAHRO FEROZE, Sindh.**

**Project:**

**Expansion & Improvement of DHQ Hospital in Sindh.**

**Client:**

**Health Department**



**Consultant:**

**Atif Nazar Associates**

**Consulting Engineers & Architects**

**B-28, Block - 15, Gulshan-e-Iqbal, Karachi - Pakistan.**

**Phone:021-34982561,34820497, E-mail:info@atifnazarassociates.com**



ATIF NAZAR ASSOCIATES

## Summary Evaluation Report Technical Bids

Project: Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work At D.H.Q. Hospital Nosharo Feroze.

- DHQ Hospital Nosharo Feroze.

Sr.	Participated Contractor	Marks Attained	Total Marks	% age	Position	Remarks
1.	M/s. Z.I.A. Services	60	100	60%	Ist	Qualify

  
Director General Health Services Sindh  
(Chairman)

  
W.H.O. Operation Officer  
(Member)

  
Project Director DHQ/THQ Hospitals in Sindh  
(Member)

*Rep. of*  
  
Additional Secretary (Dev.) Health Dept  
(Member)

  
Special Secretary (F.D.) / Representative  
(Member)





## EVALUATION REPORT (TECHNICAL)

Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work  
 At D.H.Q. Hospital, Noshara Feroze.

Aggregate Qualifying Score is 60%,  
 but it is mandatory to obtain at least 30% in each of the following sections.

S.#	PRE QUALIFICATION PARAMETERS	MAX. MARKS SUB TOTAL	M/s. Z.I.A. Services
1	2	3	4
	<b>GENERAL EXPERIENCE RECORD</b>	30	30
(B)	Projects of similar nature and complexity completed over last 05 years.	15	3 Projects
i.	(3 Marks for each project) (Attach satisfactory completion certificates)	15	2 Projects
ii.	Projects of similar nature and complexity in hand. (5 Marks for each project having cost 100 Million or above) (Attach Copies of Work orders.)	30	19
	Total Section (B)	20	63
	Attained % age.		20
(C)	<b>PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.</b>		
	Requirement of persons will vary from Project to Project		
	Following factors may be used as a guideline.		
Sr. No	Description / Position with qualification & experience	Number Required	Marks Assigned
1	BSc (Civil Engg) / BE (Civil) Engineers Registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02 Nos.	10
			05 Marks for experience of 5 to 10 years. 05 Marks for above 10 years. (Attach Tax payment challans showing at least 1 year continuous employment with firm.) 1 additional Mark for MSc. (Civil Engg.) / M.A.E. (Civil)
2	Diploma in Civil Engineering with experience of 2 years or above.	04 Nos.	10
			02 Marks for 2 years experience. 02 Marks for above 02 years.
	Total Section (C)	20	10
	Attained % age.		6.
		80	16
		80	Pass



*(Handwritten signature)*

## EVALUATION REPORT (TECHNICAL)

Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work  
 At D.H.Q. Hospital, Noshahro Feroze.

*Aggregate Qualifying Score is 60%  
 but it is mandatory to obtain at least 30% in each of the following sections.*

S.#	PRE QUALIFICATION PARAMETERS	MAX. MARKS SUB TOTAL	M/s. Z.I.A. Services
1	2	3	4
(D)	<b>EQUIPMENT CAPABILITY.</b>	<b>10</b>	<b>10</b>
a.	Critical equipment and number required for the project shall be specified by the Procuring Agency.	3	3
b.	High value equipment should be an option to own, lease or hire.	3	3
c.	Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects.	4	4
	Total Section (D) Attained %age.	10	10 100 Pass
(E)	<b>FINANCIAL SOUNDNESS / STATUS.</b>	<b>25</b>	<b>25</b>
	For Financial status assessment, the applicants may be required to submit Audited Financial Statement for the last five years or any other document which verifies their financial status. Where necessary, the Procuring Agency will make enquiries with the firm's / contractor's bankers.		
	Working Capital in hand for this project / work. (Attach proof of Bank Statement / Credit Facilities)		
i.	Less than 15% of Estimated Cost of this Work.	5	
ii.	16 -25% of Estimated Cost of this Work.	10	10 100 (60 Credit Facility Letter)
iii.	26 -40% of Estimated Cost of this Work.	20	
iv.	More than 40% of Estimated Cost of this Work.	25	
	Total Section (E) Attained %age.	25	10
	TOTAL	100	40 60 Pass
	Total Attained % age.		60 Pass
	Position		1st
	Remarks.		QUALIFY
	List of Attached Documents.	C/S	1.Volume-V, Post Qualification Doc. 2.Company Profile.



*Signature*

*Signature*



**OFFICE OF THE PROJECT DIRECTOR  
REHAB: DHQ/THQ HOSPITALS IN SINDH, HEALTH DEPARTMENT  
GOVERNMENT OF SINDH, KARACHI  
(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE)**

Ref. No. PD/DHQ 2304 / 2013

Dated: 23/07/2013

To

✓ The Deputy Director (Enf-1)  
Sindh Public Procurement Regulatory Authority,  
Govt. of Sindh,  
Karachi

Subject

ADP Scheme No. 1937 (2012-13) Expansion & Improvement of DHQ Hospitals in Sindh for Renovation works in Existing DHQ Hospitals External Development and External Services at DHQ Hospital Naushero Feroz.

With reference to your letter No. Dir (CB)/SPPRA/PC/HD/2013/227 on the subject cited above required information of Letter of Award, Form of Contract (Agreement) & Bill of Quantities is hereby enclosed for further process.

Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Karachi

C. c. to;

1. The Secretary, Health Department, Government of Sindh, Karachi.

Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Karachi

SPPRA INITIATED BY  
707  
24/7  
MUN

Address:  
Tel:  
Email:

D-57/1, Block-9, Near Haque's Nursery, Clifton Karachi  
021-36024884-5, Fax: 021-35822317  
hab.karachi2010@yahoo.com



PROJECT DIRECTOR  
REHAB: DHQ/THQ HOSPITALS IN SINDH, HEALTH  
DEPARTMENT GOVERNMENT OF SINDH, KARACHI  
(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH  
HEALTH INITIATIVE)

Ref No : PD/DHQ/ 1950 /2012

Dated: 02 / 05 /2013

**ADVANCE ACCEPTANCE**

To,

M/s Z.I.A Services.  
Suite # M-3 Sana Arcade 2 C,  
Sehar Lane # 2 Sehar Commercial  
Phase VII DHA Karachi-75500.

SUBJECT

Procurement of Services as Construction Firm for "Construction of Allied Buildings, Residential Buildings, External Development & External services and Renovation Work at DHQ Hospital, Naushahro Feroze in Sindh, Under ADP Scheme No. 1937 (2012-13)"

After scrutiny of your documents, which were submitted to this office in response to our advertisement regarding Construction of Allied Buildings & Residential Buildings, External Development and Renovation Works at DHQ hospital Sindh and subsequently on the approval of Procurement Committee in its meeting and after clearing of hoist on SPPRA website, this office is pleased to inform you that your firm has been selected as lowest evaluated qualified responsive bidder for carrying-out work of following components as per the tender documents, subject to the following conditions:

1.	ALLIED BUILDINGS AND RESIDENTIAL BUILDINGS	89,987,013
2.	EXTERNAL DEVELOPMENT AND RENOVATION WORKS	28,814,491
	TOTAL	118,801,504.00
	Less Rebate 9.65%	11,464,345.00
	Grand Total After Less Rebate	107,337,158.00
	In words, Rupees: One Hundred Seven Million, Three hundred Thirty Seven Thousand, One Hundred Fifty Eight Only.	

1. In case the competent authority is dissatisfied with the quality of your work, conduct and technical efficiency, the undersigned shall be at liberty either to suspend or remove your name from the panel of the approved/pre-qualified contractors and the work order for the above components/works shall be cancelled.
2. You will not sublet the works awarded to you to any other party/firm/company without written permission from the Project Authority.

3. Advance acceptance shall be subject to 3% of contract price in the form of Call Deposit/ Pay Order/ Bank Guarantee from any schedule bank of Pakistan (Bid security submitted as 1% Contract Amount to be retained and the balance 2% shall be deposited as per contract agreement.

4. You are therefore directed to please attend the Office of the undersigned for signing the Contractual Agreement within Fifteen (15) days from the date of issue of this letter along with following documents:

- |       |   |       |
|-------|---|-------|
| (i)   | C.N.I.C (Photostat)                                       | 1 No. |
| (ii)  | Proprietorship/Partnership deed/Pvt. Ltd Co. (Photo copy) | 1 No. |
| (iii) | Income Tax registration certificate (Photo copy)          | 1 No. |

5. The acceptance of this Contract which is concluded at your risk and expenses will however be governed, as per conditions laid down in the Conditions of Contract given & accepted at the time of Tender.

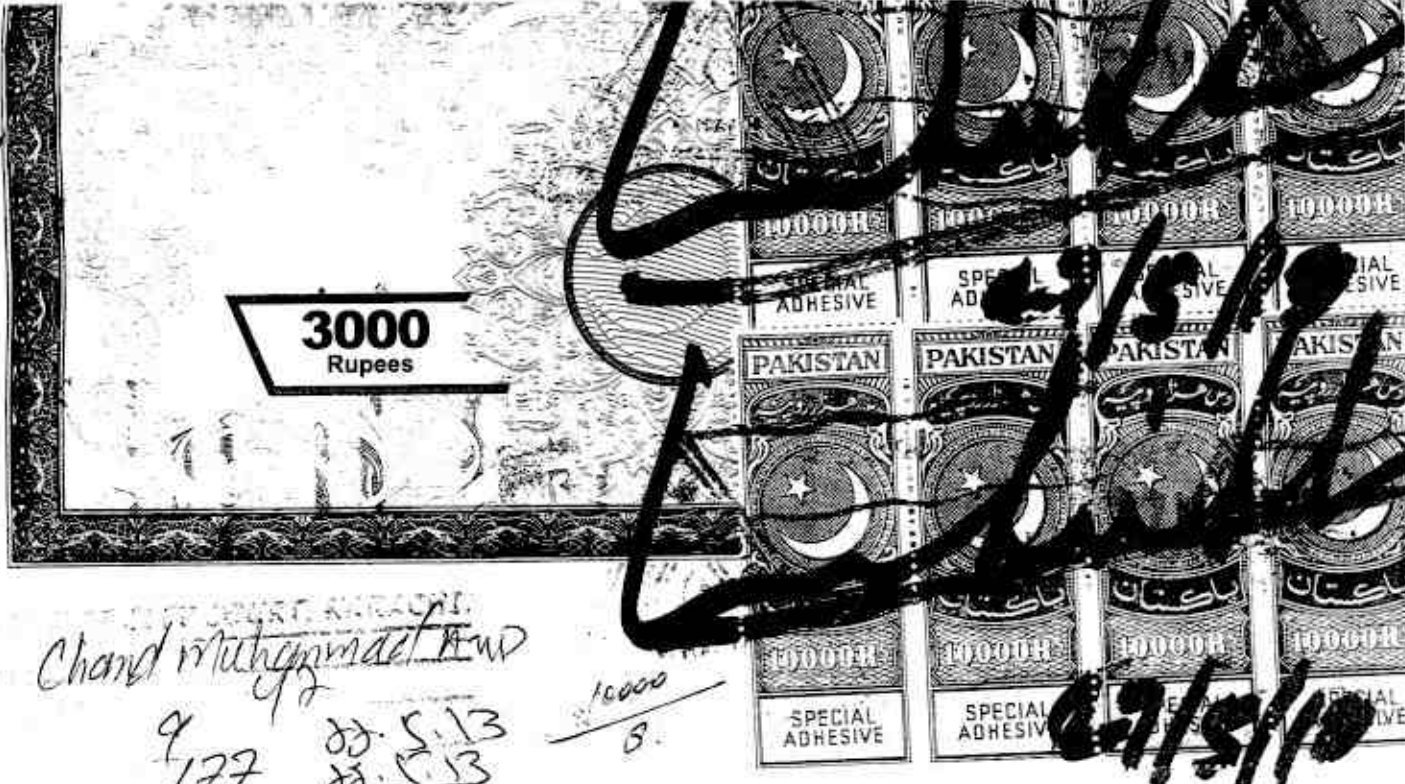
6. The time limit for the completion of work is **up to 12 months**, which will be reckoned from the date of signing of the Contract Agreement. The civil works including Electrical & Plumbing etc. are to be executed strictly in accordance with the terms & conditions of the Contract and as per Specifications. The claims will be entertained as per actual works done duly verified/certified/recommended by the concerned consultant and approval by the competent authority. **The Civil/Construction work is to be restricted within the Contract Price as mentioned above.** If any excess/ extra item to be needed, it shall be taken approval before execution.

7. The introductory meeting about the Project will be held on 09-05-2013 at 11:00 A.M in the Office of the undersigned. You are directed to please attend the same.

*OK*  
*4/5/13*  
Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Karachi

*Received 5/5/13*  
*AT*  
C. c to  
P.S to Secretary, Government of Sindh, Health Department, Karachi  
M/s Atif Nazar Associates

*OK*  
*4/5/13*  
Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Karachi



Chand Muhammad And  
9 177 88.5.13  
51P 88.5.13  
9 88.5.13  
5/5/13

10000  
8.

09/5/13

### Contract Agreement

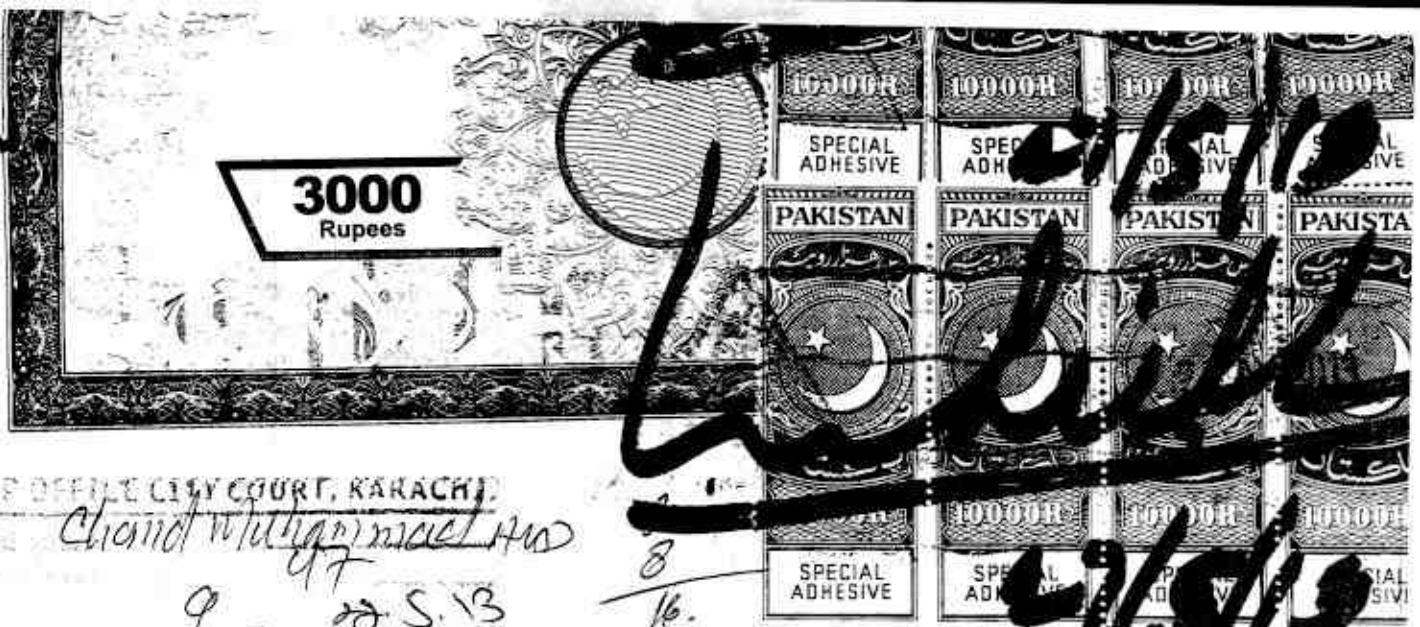
Contract Agreement is made on this 24<sup>th</sup> day of May, 2013 between the Project Director "Rehab: DHQ/THQ in Sindh", Health Department Government of Sindh. (hereinafter called the employer) of the other part, and M/s Z.I.A Services located at suit # M-3 Sana Arcade 2-c. Sehar Lane # 2. Sehar Commercial Phase VII DHA Karachi 75500, here is called the contractor of the other part.

Whereas the employer is desirous that certain work viz Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work at DHQ Hospital, Naushahro Feroze, Sindh is to be undertaken in the existing vicinity of D.H.Q Hospital Naushahro Feroze, Sindh and has accepted the tender submitted by the contractor for the construction, completion & maintenance of such work.

That, the contractor has quoted a price of Rs.107,337,158/- (One Hundred Seven Million, Three Hundred Thirty Seven Thousand, One Hundred Fifty Eight Only. This is tentative cost and bills will be claimed on the basis of actual work executed and verified by the authorities concerned.

Any item of work not covered in the BOQs will be agreed with mutual consensus in writing, incorporating all material, labour and other associated costs as mentioned in the Tender Documents (Volume-I, II & III & IV)

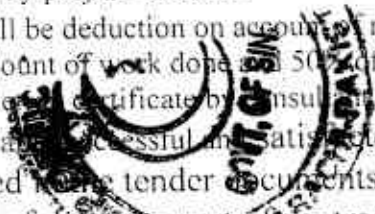
- I. The Following documents shall form part of the Contractor Documents.
- Condition of the contract - Volume-I
  - Specifications - Volume - II
  - Special Stipulations
  - Drawing & Sketches given before & during execution of work
  - Bill of Quantities (BOQ) - Volume - III



STATE OFFICE CITY COURT, KARACHI  
Chond Mithanmaet And  
9 177 20 S. 13  
9 20 S. 13

8  
16.  
10000

2. It is expressly stated that all item rates/prices quoted by the contractors in the quotation shall be inclusive of all the costs required for furnishing all materials, carriage, Tool/Plants, Labour, Equipment, Appliance & Performing all operations in the connection with relevant work in accordance with technical specification as per the Contractor.
3. The time of completion for the whole work in all respects, as specified by project director "Rehab: DHQ/THQ Hospital in Sindh shall be 12 months from the date of issuance of work order or from handing taking over site.
4. The detailed work schedule is to be submitted by contractors, after the receipt of letter of intent. As the hospital is operational, therefore works are to be carried-out in phase with a modular approach. The schedule to be made in co-ordination with the Project Director and the Consultant.
5. The Contractor will deploy competent, efficient and experienced staff and adequate number of supervisors, so as to deliver good quality of work, list of staff with qualification to be deployed at site is to be finalized at the time of agreement as per the schedule submitted by the contractor, All key staff members are to be deployed with mutual consent/approval by the employer.
6. All the payment to be made to contractor shall be mutually verified by Consultants Engineer & Project Engineers, further certified by Consultant for quality and quantity in accordance to contract specification for recommendation to the Project Authorities.
7. Any variation in worker shall be executed/Approved through variation orders and the Contractor has to manage all such variation orders duly signed by Consultant & final approval by project Director.
8. There will be deduction on account of retention money from each running bill @5% from gross amount of work done and 50% of retention money shall be released after issuance of completion certificate by consultant and remaining 50% of retention money shall be released after successful and satisfactory completion of maintenance period, as specified in the tender documents.
9. In case of delay on part of contractors beyond the stipulation time, liquidate damages will be applicable @ 0.10 of the contract price per day up to a maximum of 10% of the total contract price.





16.  
15  
31. 10000.

10. It is expressly stated that the prices quoted and accepted are inclusive of all taxes, duties & charges etc. The Contractor is expected to ensure that all type of duties, Taxes, Including General Sales Tax (subject to actual) as per prevailing Government rules, levies, Budgetary or statutory increase in cost of material announced by Government or increase otherwise by supplier, Manufacturer/Importer etc are accounted in aforesaid contract price. The quoted unit price shall include all such increase during the currency of Contract.
11. All payments to Contractor are subject to deduction of Income Tax rule enforced by the Government from time to time. As per the section 153 (8a) of the Income Tax Ordinance 2001, withholding Tax will be enhanced by 2% over and above the normal rate of withholding Tax if NTN & CNIC of the Contractor/Supplier is not provided. The Contractor is accordingly required to submit his CNIC No.
12. The Contractor shall help Government indemnified and harmless from against all losses claims and suits if occurred to the Government due to any violation in contract and tender document by the Contractors.
13. (i) The contractor shall be responsible to ensure that safety precaution are well taken while execution of all types of hard works, during the construction phase of the project inclusive of arrangements for fireman on actual need basis.  
 (ii) In case of fire incident occurs and investigation reveals the violation of SOP at contractors and then all damages of machinery, Equipment and facility/including loss of production/sale, if any will be the responsibility of the Contractors.  
 (iii) In case of violation of SOP which may cause any incident of fire or explosion, the equipment or facility damage at hospital premises, the contractor will have to pay the penalty that will be decided by Health Advisor Board after analyzing the severity of the violation/this clause is also applicable to other safety violations, related to best Engineering practices and safe work execution practices.





SEALED

(HAMED ALI)

27/5/13

MUHAMMAD HAFIBULLAH KHAN  
Office Superintendent  
Camp Office, City Court, Karachi.

27 MAY 2013

- 14. The Contractor shall cooperate with the Project Director/Consultant on all matters and keep them informed of the progress in their Contractual obligation.
- 15. This document is in addition to the quotation & shall be read along with the same. However, where there is a difference between this document and the quotation, the contract agreement shall prevail and will override any provision in the quotation being contrary to the letter of intent. In witness whereof, the parties here have set their respective hands and seal the day year first above written.

Project Director  
Rehab: DHQ/THQ Hospitals in Sindh  
Health Department Govt of Sindh, Karachi

M/s Z.I.A Services  
Suite#M-3 Sana Arcade 2C, Sehar  
Lane # 2, Sehar Commercial, Phase  
VII DHA, Karachi



Witnesses

1.   
(SALEEM Ali)

3. \_\_\_\_\_

2.   
Wsyed Rohaib Ali



Government of Sindh  
Health Department (Development Wing)

VOLUME - III

BILL OF QUANTITY

Renovation Work of Existing Buildings,  
External Development & External Services  
At D.H.Q. Hospital,  
NOSHIARO FEROUZE, Sindh.

Project:  
Expansion & Improvement of DHO Hospital in Sindh.

Client:  
Health Department

Issued to M/s. Z.I.A. Services

Dated: 14/3/2012



ATIF NAZAR ASSOCIATES

Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-4, SB-14, Sheikh Center, Main University Road, Karachi.

Phone: 021-4982561, 4820497, E-mail: info@atifnazarassociates.com





Renovation Work of Existing Buildings,  
External Development & External Services  
At D.H.Q. Hospital, Naushahro Feroze.  
BILL OF QUANTITY

GRAND SUMMARY

Ref. Volume - III (A) Total External Development & External Services At D.H.Q. Hospital,	Rs.	19004834-50 18942334-00
---	-----	----------------------------

Ref. Volume - III (B) Total Renovation Work of Existing Buildings At D.H.Q. Hospital,	Rs.	19189007-00
--	-----	-------------

Grand Total	Rs.	38181341-00
-------------	-----	-------------

Total in Words: Three crore eighty one lac eighty one  
thousand three hundred and one

Signature:   
dated: 22-3-12

38,193,841-00  
R 38,181,341-00  
76,3876.82  
(-) 76,3626-00

Less Rehabil 2%  
Less further Rehabil 9% on (a)  
i.e. Rs 33,68,696.76

(a) R 37,41,771.82  
37,42,996.00

Revised bid value after Rehabil.  
(b) R 31,06,126.00  
and 05/4/12  
  
S-12  
05/4/12



05/4/12

# PREAMBLE TO BILL OF QUANTITIES

## **Renovation Work of Existing Buildings, External Development & External Services, At D.H.Q. Hospital, Nosharo Feroze, Sindh.**

1. The tenderer are required to fill in all columns for rates and amount, including appendices for item wise price. All priced must be in Pak rupees and shall be inclusive of all taxes and duties.
2. All tenders are inviting to quote strictly as per description of items and specification. Any alternatives or deviation from specification /BOQ would be subjected to rejection of bid. The cost of imported equipment must include all the duties and taxes.
3. All tenders shall be accompanied by one additional copy of the main proposal and the priced BOQ marked DUPLICATE.
4. All specification drawing and other documents supplied by the Consultant for the purpose of bidding shall be returned with the tender bid. Tenderer unable to bid shall also return complete bid documents on the date of the opening of the tender.
5. Electric, Water Supply and other utilities required for construction will be arranged by the Contractor.
6. Site preparation / No disturbance in the existing Area / cleaning of the area is the responsibility of the contractor; No Separate payment will be made for cleaning and preparing the area.
7. Area should be delineated using Fencing / G.I. Sheets as per Instructions of Engineer In-Charge; No Separate payment will be made for delineating the area.
8. Contractor is responsible to remove or demolish the existing /hidden / old foundation or Construction debris below the ground surface. No extra claim or extra item is admissible against removing / dismantling of foundation i.e. concrete / Reinforced Cement Concrete / Brick Masonry etc.
9. Contractor is responsible to remove the existing debris or resulting debris during the project and to dispose off outside the premises with in 5km radius as per directives of Engineer In-charge; No Separate / extra / additional payment will be made for removing the debris.
10. Contractor shall also be responsible to carry out all the works which deemed to be essential or a pre-requisite for carrying out a particular task; No separate / extra / additional payment will be done for any of this task not mentioned in the B.O.Q. but it is essential to be done to carry out the particular task.
11. Consultant can omit or delete any B.O.Q. Item.



*S. W.*  
05/4/12

## PREAMBLE TO BILL OF QUANTITIES

### **Renovation Work of Existing Buildings, External Development & External Services, At D.H.Q. Hospital, Nosharo Feroze, Sindh.**

12. Contractor is responsible to re-routing the sewer line, electric, water supply lines for renovation work as per directives of Engineer In-charge; No Separate / extra / additional payment will be made for re-routing the same.
13. All the current /upcoming taxes will be deducted as per prevailing Government Rules.
14. No Secured Advance will be given other than for steel, cement & tiles.
15. Contractor / Owner of the Construction Firm are responsible to attend the fortnightly meeting with the Client / Consultant and further attend any urgent meeting at site or at Project Office.
16. Contractor is responsible to prepare & forward the progress report on approved format in hard copy & soft copy along-with colored Photographs (2xSets) of the project monthly to the Consultant before 5<sup>th</sup> of the each month for onward submission to the Client.
17. Contractor will be responsible for the prior submission of the Labour list working against the Contract (if required).
18. All the work shall be carried out strictly in accordance with the drawings and specification or as instructed by the Consultant, where such reference is missing the standard specification of PEC shall be referred as per Consultant's instruction.
19. As the hospital and allied building is running and is providing services to locality therefore modular approach has to be adopted as per the space provided by the hospital administration, Contractor will not be allowed any claim of escalation due to late possession of blocks.
20. Contractor must have running finance of at least 10% of the bid amount throughout the project duration. This amount shall not include retention money and any other taxes.
21. Contractor shall provide adequate quantity of shuttering / formwork for each and every individual block; no delay shall occur due to non availability of shuttering / form work.
22. As the current time period is only 07 months, therefore no escalation will be permissible in any item.
23. Technically and financially qualified Contractor would be required to submit rate analysis of each and every item of bill of quantity within 07 seven days of his prior selection for award of work.



## PREAMBLE TO BILL OF QUANTITIES

### **Renovation Work of Existing Buildings, External Development & External Services, At D.H.Q. Hospital, Nosharo Feroze, Sindh.**

24. All bar bending schedule shall be submitted by Contractor to Consultant Head Office in soft and hard copy at least 20 days prior to scheduled steel cutting activity on site. It will be the responsibility of Contractor to execute the work on approved bar bending schedule and retain approved bar bending schedule on site at least 2 days before the scheduled pouring activity.
25. Technically and financially qualified Contractor would be required to conduct the Topographic Survey of DHQ Hospital including Contour levels / Invert Levels etc. and submit drawing on AutoCAD Format in Hard Copy & Soft Copy within 15 days after award of work.
26. All tests such as cube test, compaction test, pressure test, material testing etc. would be conducted as per directives of Consultant during the project through approved out source laboratory at the cost of Contractor and No separate / extra / additional payment would be made for the same.
27. All existing / removed material would be handed over to hospital administration and handing / taking over list would be prepared and forwarded by contractor to Project Authorities. If any claim occurs on part of hospital administration due to non fulfillment of the above prerequisite then the contractor would be responsible for all compensation.

S. H.  
05/4/12



Signature: \_\_\_\_\_

dated: \_\_\_\_\_



VOLUME - III (A)

EXTERNAL DEVELOPMENT &  
EXTERNAL SERVICES  
AT D.H.Q. HOSPITAL,

*200*

*S.H.*  
*05/4/2012*



*AB*

DHQ  
HOSPITAL  
NAUSHAHRO FEROZE



Government of Sindh  
Health Department (Development Wing)

VOLUME - III (A)

BILL OF QUANTITY

External Development &  
External Services At D.H.Q. Hospital,  
NAUSHAHRO FEROZE, Sindh.

Project:  
Expansion & Improvement of DHQ Hospital in Sindh.

Client:  
Health Department



S. H.  
05/4/2017



Consultant:  
Atif Nazar Associates  
Consulting Engineers & Architects  
A-4, SB-14, Sheikh Center, Main University Road, Karachi.  
Phone: 021-4982561, 4820497, E-mail: info@atifnazarassociates.com





Government of Sindh  
Health Department (Development Wing)

VOLUME - III (A)

**BILL OF QUANTITY**

Land Scaping & External Development.  
External Plumbing Works.  
External Electrical Works.

Project:  
Expansion & Improvement of DHQ Hospital in Sindh.

Client:  
Health Department



Consultant:  
Atif Nazar Associates  
Consulting Engineers & Architects  
A-4, SB-14, Sheikh Center, Main University Road, Karachi.  
Phone:021-4982561,4820497, E-mail:info@atifnazarassociates.com



External Development & External Services.  
At D.H.Q. Hospital, Naushahro Feroze.  
BILL OF QUANTITY

### SUMMARY

Total Landscaping & External Development.	✓	Rs.	7500649.00
Total External Plumbing Works.	✓	Rs.	4718410.00
Total External Electrical Works.	6785775/	Rs.	6773275.-
Grand Total		Rs.	18992334.00

Total in Words: one crore eight nine lac nine thousand

Signature: [Signature] (Price has this form only)

dated: 22.3.2012

S-11  
07/05/12





1

**LAND SCAPING / EXTERNAL DEVELOPMENT**

S. 12  
05/4/2012

DHQ  
HOSPITAL  
NAUSHAHRO FEROZE



LAND SCAPING & EXTERNAL DEVELOPMENT  
 At D.H.Q. Hospital, NOSHARO FEROZE  
 BILL OF QUANTITY

SUMMARY

Total Land Scaping & External Development Work	Rs.	7500649.00 ✓
--	-----	--------------

Total In Words: Seventy five lac six hundred forty nine only

Signature: \_\_\_\_\_

dated: \_\_\_\_\_



S-12  
05/4/2012



EXTERNAL DEVELOPMENT  
DISTRICT HEAD QUARTER HOSITALNOUSHERO FEROZ  
BILL OF QUANTITY

Sr.	Description	Quantity	Unit	Rate (In figures)	Rate (In words)	Amount
1	<b>LANDSCAPING &amp; EXTERNAL DEVELOPMENT</b> <b>PAVERS</b> Providing and Fixing CC 1:2:4 Pavers City & Quadra (60mm thick) (Make Envicrete) fixing with 1/c 2" sand cushioning complete as per drawing; and specification including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means or as directed by Consultant / Engineer In-charge	4486	Sq.ft	150.00		✓ 672900.00
2	<b>FOOTPATH</b>					
2.1	<b>STONE SOLING</b> Providing and laying stone soling (6" thick) of approved quality under foundation & sub floor including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means by compacter or roller, as per drawings, specification and as per instruction of the Consultant / Engineer In-charge.	15638	Sq.ft	35.00		✓ 547330.00
2.2	Providing and laying of finish floor (4" thick), preparation and laying in 1:2:4 using Pea Crush or fine crush along with (pudlo - 2kg per bag of approved quality) over bottom slab complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	5419	Cu.ft	240.00		✓ 1300560.00
3	<b>LANDSCAPING</b> Providing and laying Sweet earth filling up to 1'-0" depth with manure and remaining part average 2'-0" with imported earth fill as approved, and also providing grass with plants approved by consultant or as per drawing and specification or as directed by Consultant / Engineer In-charge	3780.00	Sqft	90.00		✓ 340200.00
						Rs 2860990.00 ✓



S.S.K.  
05/4/12




EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL NOUSHERO FERAZ						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in words)	Amount
4	ROAD Excavation or cutting in all kind of soil (except gravelly, murmur wet silt, clay or mud and Rock) to a required grade camber and side slopes including dressing top and sides and disposal of excavated stuff within a lift of 5ft and lead upto 100ft.	16561.13	cft	15.00		248417.00
5	Earth Filling Earth work for road embankment by bulldozers including ploughing, mixing, clod breaking, dressing leveling compacting and consolidating with mechanical means by compacter or roller in layers not exceeding 6" to obtain 95% modified AASHTO density i/c all lead and lift and or as per instructions and approval of Consultant / Engineer In-charge.	1260.00	cft	6.00		7560.00
6	SUB BASE COURSE Preparing sub-base course by supplying and spreading stone metal of 2"-1 1/2" in guage of approved quality from approved quarry in required thickness of (6" in 2 layers) to proper camber and grade, i/c hand packing, filling voids with 10 cft screeding and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification (Rate i/ces all cost of material T&P and carriage upto site of work (3 chain)	441.00	Cuft	38.00	800	16758.00

Rs 3133725.00



EXTERNAL DEVELOPMENT						3133725.00	
DISTRICT HEAD QUARTER HOSPITAL NOUSHERO FERAZ							
BILL OF QUANTITY							
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in words)	Amount	
7	<b>BASE COURSE</b> Preparing base-course including supplying and spreading stone metal of approved quality properly grade to maximum size of 1 1/2" in required thickness of (6" in two layers each of 3") to proper camber and grade including supplying and spreading 15 cft. screening and non plastic quarry fines, filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specification (rate includes providing and using templates, camber plates, screen, forms etc as directed) rate includes all cost of material T&P labours and carriage upto site of work (3chain)	10019.38	Cuft	50.00		500969.00	
8	<b>FIRST COAT SURFACE TREATMENT</b> Providing surface dressing first coat 4 1/2" thick of on new or existing surface with 30 lbs Bitumen of 80/100 penetration and 4'-0" cft of crush bajri of required size of 3/4" - 1/2" including cleaning the road surface, rolling etc complete. Rate includes all cost of materials Labours, T&P and carriage upto site of work (3 chain)	18996.10	Sft	50.00		949805.00	
9	<b>1 1/2" THICK CARPET</b> Providing 1 1/2" thick (consolidated) premixed carpet in proper camber and grade including supplying 10 cft. Crush bajri, 4 cft, hill sand of approved quality and grade, bitumen of 80/100 penetration including mixing in mechanical mixture in required proportion including heating material and cleaning the road surface ( rates includes all the cost of material, labor, T&P and carriage up to site of work.)	53020.90	Sft	55.00		2916150.00	
Total Amount					Rs.	Rs 7500649.00	

Signature: 

dated: 22.3.2012



S. H. 2  
05/4/12



II.

**EXTERNAL PLUMBING WORKS.**

*Leo*

DHQ  
HOSPITAL  
NAUSHAHRO FEROZE



**Bill of Quantities**  
**PLUMBING WORKS EXTERNAL**  
**DHQ NOSHERO FEROZE HOSPITAL**  
**SUMMARY**



**Bill of Quantities**  
**(EXTERNAL PLUMBING WORKS)**

S.NO.	DESCRIPTION	AMOUNT (Rs.)
A	WATER SUPPLY & U.G. WATER TANK ✓	2559110.00 ✓
B	SEWERAGE & SEPTIC TANKS ✓	2159300.00 ✓
	TOTAL	
C	WATER FILTRATION PLANT	— ✓
	GRAND TOTAL	4718410.00 ✓

Signature: \_\_\_\_\_

dated: 22.3.2012



S-14  
 05/4/2012

Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHERO FEROZE HOSPITAL  
 WATER SUPPLY SYSTEM

Bill of Quantities (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
A 1	<b>WATER SUPPLY PIPING</b> Providing, laying, jointing and testing P.E. 80 pipe PN-10 for water supply i/c fittings and jointing. This will include jointing, excavation in foundation and pipe trenches, in shaft, wells and independent holes each and throw earth clear of edges of excavation timbering to be paid extra (for trenches over 1.5m wide) and back filling, disposal of access earth as per direction of Engineer and providing of thrust blocks where required i/c at bends/turns, valves and hydrant location. Complete in all respect as per drawings and specifications and to the approval of the Engineer i/c. 150 mm sand bedding, pipes to be installed at 900 mm. Complete all as per specified in DIN 8074 & ISO No. 4427.					
i	—do— but 25mm dia	Mtr	5	398.00		1990.00 ✓
ii	—do— but 32mm dia	Mtr	50	570.00		28500.00 ✓
iii	—do— but 40mm dia	Mtr	85	780.00		66300.00 ✓
iv	—do— but 50mm dia	Mtr	150	1160.00		174000.00 ✓
v	—do— but 63mm dia	Mtr	80	1347.00		107760.00 ✓
vi	—do— but 75mm dia	Mtr	5	1475.00		7375.00 ✓
2	Providing G.I Pipes. & special etc including fixing cutting and fitting complete with and i/c the cost of cutting trench upto 2-1/2' feet deep refitting water ramming & disposal of surplus earth with in one chain and painting two coats of bitumen paint to pipe & special after cleaning and hassian cloth soaked in a maxphalt composition wrapped tightly round pipes & testing to a pressure head of 300 feet and handling.					
i	2" dia G.I. Pipe	Mtr	6	600.00		3600.00 ✓
ii	2-1/2" dia G.I. Pipe	Mtr	6	675.00		4050.00 ✓

Rs 393575.00 ✓



*S. H.*  
 25/4/12

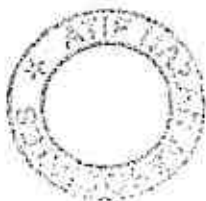


Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHEROZERO HOSPITAL  
 WATER SUPPLY SYSTEM

Bill of Quantities (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
3	GATE VALVE (GUN METAL)					✓ 1450.00
i	1" dia Heavy Pattern	Nos.	1	1450.00		✓ 3440.00
ii	1-1/4" dia Heavy Pattern	Nos.	2	1720.00		✓ 4200.00
iii	1-1/2" dia Heavy Pattern	Nos.	2	2100.00		✓ 8145.00
iv	2" dia Heavy Pattern	Nos.	3	2715.00		✓ 12300.00
v	2-1/2" dia Heavy Pattern	Nos.	3	4100.00		
4	VALVE CHAMBER Providing chamber 3'-0" x 3'-0" inside dimension 4-1/2' deep as per approved design for sluice valve 3" to 12" dia with 18" dia inside cast iron cover and frame (wt=1 Cwt 3qr) fixed in RCC 1:2:4 thick brick masonry walls set in 1:6 cement mortar 6" (152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all insidw wall surface and to top including providing and fixing M.S floor rest at every one foot beyond 2-1/2" ft. depth. curving, excavation, back filling and disposal of surplus earth etc. complete in all respect	Nos.	5	10,000.00		✓ 50,000.00
5	BOOSTING PUMPS Supply and fixing equipment and ancillaries  Centrifugal Pump, Brass Double Impeller, Stainless Steel Shaft complete with driving motor, electrical control wirings/cables, conduits, control panel and all necessary accessories fitting including valves, network pipes, fittings necessary to complete the job					
i	Max Flow: 15m <sup>3</sup> /hr Max Head 20m, 3 phase, 380 V,	Nos.	3	160,000.00		✓ 480,000.00

Rs 393575.00

Rs 953110.00



*[Handwritten signature]*



*[Handwritten signature]*  
05/12/2012

Water Supply and Irrigation

Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHERO FEROZE HOSPITAL  
 WATER SUPPLY SYSTEM

Bill of Quantities (EXTERNAL PLUMBING WORKS) <span style="float: right;">Rs. 953110.00</span>						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
i	WATER TANK Construction of U.G. Water Tank ( 6000 gal. cap.) including partitions complete package in all respect.	Job	1	390,000.00		390,000.00
ii	Construction of U.G. Water Tank ( 8000 gal. cap.) including partitions complete package in all respect.	Job	1	496,000.00		496,000.00
iii	Construction of U.G. Water Tank ( 12000 gal. cap.) including partitions complete package in all respect.	Job	1	720,000.00		720,000.00
SUB TOTAL				Rs.		Rs. 2559110.00

Note:  
 All the tools, equipments and machinery required for laying joining and testing of the pipe line shall be arranged by the contractor at his own cost  
 All leaks and other defects if any shall be made good by the contractor at his own cost



Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHEROZERO HOSPITAL  
 SEWERAGE SYSTEM

Bill of Quantities (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In figures)	Rate (In words)	AMOUNT (Rs.)
B	SEWERAGE PIPE					
1	Providing uPVC pipes of class B equivalent make fixing in trench including cutting fitting, driving close timbering to trenches for depth upto 10' wherever required, jointing with z joint with one rubber ring, i.e. Testing with water to head of 61 m or 200 ft.					
i	150 mm dia pipe	Mtr	55	1325.00		72325.00
ii	200 mm dia pipe	Mtr	35	2085.00		72975.00
iii	250 mm dia pipe	Mtr	30	2600.00		78000.00
2	MANHOLES					
i	Construction manhole or inspection chamber for the required dia of circular sewer and 3'-6" (1067mm) depth with walls of B.B. in cement mortar 1:3 cement plaster 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel including fixing C.I. manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457 x 457mm) of 1.75 Cwt (88.9 kg) embedded in plain C.C. 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm), wide projecting 4" (102mm) from the face of wall at 12" (305 mm) C.C. duly painted etc. complete as per specification and drawing					
	4" to 12" dia 2' x 2' x 3'-6"	Nos.	11	17000.00		187000.00

B 410300.00



S-112  
05/4/202



Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHERO FERZE HOSPITAL  
 SEWERAGE SYSTEM

Bill of Quantities						
(EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In figures)	Rate (In words)	AMOUNT (Rs.)
2	Construction manhole or inspection chamber for the required dia of circular sewer and 7'-6" depth with walls of B.B. In cement mortar 1:3 cement plaster 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel including fixing C.I. manhole cover with frame of clear opening 2' x 2' (610 x 610mm) of 4.5 Cwt (88.9 kg) embedded in plain C.C. 1:2:4 and two way reinforced 6" thickness including fixing 1" (25mm) dia M.S steps 6" (150mm), wide projecting 4" (102mm) from the face of wall at 12" (305 mm) C.C. duly painted etc. complete as per specification and drawing	Nos.	1	21000.00		21000.00
3	SEPTIC TANKS					
1	Construction of U.G. Septic Tank (16000 gal. cap.) including partitions complete package in all respect.	Job	1	960000.00		960000.00
2	Construction of U.G. Septic Tank (12000 gal. cap.) including partitions complete package in all respect.	Job	1	768000.00		768000.00
SUB TOTAL				Rs.		2159300.00

410300.00 ✓

Note:

All the tools, equipments and machinery required for laying joining and testing of the pipe line shall be arranged by the contractor at his own cost ✓

All leaks and other defects if any shall be made good by the contractor at his own cost



*[Handwritten signature]*



Bill of Quantities  
 PLUMBING WORKS EXTERNAL  
 DHQ NOSHERO FERZE HOSPITAL  
 WATER FILTRATION PLANT

Bill of Quantities (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
C 1	WATER FILTRATION PLANT Supply, installation, testing and commissioning of Reverse Osmosis Plant for potable water having 10000 gpd, treating capacity from 5000- 200 TDS and construction of plant room over U.G.W. Tank, electrical panels pumps for direct supply etc with all accessories, valves fittings, measuring meters complete package in all respect.	Job	1	1800000.00	ONLY RATE	1800000.00
SUB TOTAL				Rs.		



*Handwritten signature*



*Handwritten signature and date: 05/12/2012*



BN

**EXTERNAL ELECTRICAL WORKS  
INCLUDING GENERATOR.**

DHQ  
HOSPITAL  
NAUSHAHRO FEROZE



**Bill of Quantity**  
**ELECTRICAL WORKS EXTERNAL**  
**DHQ NOSHERO FEROZE HOSPITAL**  
**SUMMARY**

Bill of Quantity (EXTERNAL ELECTRICAL WORKS)		
S.NO.	DESCRIPTION	AMOUNT (Rs.)
1	Electrical Power Distribution	✓ 1202425.00 512150/1 ✓
2	Communication System	✓ 499650.00
3	External Illumination	✓ 887700.00
4	HT Power Distribution	✓ 4183500.00
		<b>Total</b>
5	Generator	—
<b>Grand Total</b>		<b>6773275.00</b>

Signature: 

6773275.00 - 6785775/1 ✓

dated: 22.03.2012



S.H.  
05/4/2012

Bill of Quantity  
ELECTRICAL WORKS EXTERNAL  
DHQ NOSHERO FEROZE HOSPITAL  
ELECTRICAL POWER DISTRIBUTION

Bill of Quantity						
(EXTERNAL ELECTRICAL WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
SECTION: A						
1	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES					
a	Providing and Digging holes in ordinary soil provision and erection in position an I setting in 150 mm thick 1:4:8 PCC foundation and 80 mm thick 1:4:8 PCC muffer all round for and steel tubular galvanised painted pole 7.00 meter long complete with base plate as specified	Nos	6	37500.00		225000.00
b	Providing and Digging holes in ordinary soil provision and erection in position and setting in 150 mm thick 1:4:8 PCC foundation and 80 mm thick 1:4:8 PCC muffer all round for and steel tubular galvanised painted pole 9.00 meter long complete with base plate as specified	Nos	3	45000.00		135000.00
c	Bracket on Building	Nos	6	9000.00		54000.00
d	Providing and fixing Cross Arms Galvanised channels iron (for 3 phase supply neutral & earth) with Insulators, clamps washers bolts and nuts etc complete in all respects.	Nos	9	7500.00		67500.00
e	Providing and fixing stay flying / stay assembly wire (7/10SWG stay clamps including setting in earth with PCC 1:3:6 complete up to 15 meter in length)	Nos	12	12500.00		150000.00
f	Providing and Stringing straining tensioning and binding copper conductor bare solid 10 SWG	Mtr.	400	285.00		114000.00
g	Providing and Stringing straining tensioning and binding copper conductor bare solid 8 SWG	Mtr.	10	350.00		3500.00
h	Providing and Stringing straining tensioning and binding copper conductor bare solid 6 SWG	Mtr.	10	425.00		4250.00
i	Providing, Laying and Testing of Following sizes single core / multicore PVC insulated and PVC sheated, armored / unarmored copper conductor cables in already laid surface mounted / concealed PVC conduit or underground PVC pipe or on cable tray, for power and miscellaneous wiring. Complete in all respects as per Drawing.					
a	4 core 6sq.mm PVC	Mtr.	5	450.00		2250.00
b	4 core 10sq.mm PVC	Mtr.	5	650.00		3250.00
c	4 core 16sq.mm PVC	Mtr.	5	1250.00		6250.00
d	4 core 25sq.mm PVC	Mtr.	5	1800.00		9000.00
e	1 core 4 Sq.mm PVC E.C.C	Mtr.	5	85.00		425.00
f	1 core 6 Sq.mm PVC E.C.C	Mtr.	5	125.00		625.00
g	1 core 10 Sq.mm PVC E.C.C	Mtr.	5	175.00		875.00
h	1 core 16 Sq.mm PVC E.C.C	Mtr.	5	250.00		1250.00

*[Handwritten Signature]* Rs 777175.00



Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 DHQ NOSHERO FEROZE HOSPITAL  
 ELECTRICAL POWER DISTRIBUTION

Bill of Quantity							777175.00
(EXTERNAL ELECTRICAL WORKS)							
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In figures)	Rate (In words)	AMOUNT (Rs.)	
2	<b>CONDUITS &amp; PIPES</b> Providing and Laying following sizes (internal diameter of underground class 'D' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing as per Drawing).						
a	100mm dia	Mtr.	5	750.00		3750.00	
b	150mm dia	Mtr.	5	1850.00		9250.00	
3	<b>C.I COVER FOR CHAMBERS</b> Construction of RCC or Brick Manhole of internal dimensions as below including excavation, backfilling and construction of RCC wall and slab, providing medium duty CI cover of 600 mm x 600 mm with frame, complete in all respects as per Drawing.						
a	900 mm x 900 mm x 900 mm	Each	1	8500.00		8500.00	
b	750 mm x 750 mm x 750 mm	Each	1	8000.00		8000.00	
c	600 mm x 600 mm x 600 mm	Each	1	7500.00		7500.00	
				Total			
SECTION : B							
1	<b>LT DISTRIBUTION BOARDS</b> Providing and Installation of following LT Distribution Boards (as per single line diagrams), including all accessories, related civil works etc. Complete in all respects as per Drawing.						
a	DP-1	Nos.	1	45000.00		45000.00	
b	DP-2	Nos.	1	60000.00		60000.00	
c	DP-(PUMP ROOM)	Nos.	1	60000.00		60000.00	
				Total			

B 979175.00

*[Handwritten signature]*



Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 DHQ NOSHERO FEROUZE HOSPITAL  
 ELECTRICAL POWER DISTRIBUTION

Bill of Quantity							979175.00
(EXTERNAL ELECTRICAL WORKS)							
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)	
SECTION : C							
1	<b>EARTHING SYSTEMS</b> Providing and Installation of the following are in respect of the whole of the Electrical Installations inclusive. Complete in all respects as per Drawing. Allow for the following and executing to the satisfaction of the Project Manager/Engineers and Authorities.						
2	<b>GROUNDING &amp; BONDING FOR ELECTRICAL SYSTEMS</b> Providing and Installation of following sizes of single core PVC Insulated copper conductor cable as earth continuity conductor (ECC) installed on surface or on already installed cable tray or on already installed pipes/conduits or in trench etc. Complete in all respects as per Drawing.						
a	70 sq mm	Mtrs	10	975.00		9750.00	
b	Earth connecting point.	Nos	1	3500.00		3500.00	
c	Rod type earth electrode including earthing lead, inspection chamber and all accessories.	Nos	6	2000.00		12000.00	
d	Construction, Digging and refilling of 6 feet deep pit in green area/ordinary soil with supply and installation of earthing copper plate size 1' x 1' x 1/4" with 25mm bare copper wire, soil conditioning material and with output termination point as per details given in drawings. Complete in all respects as per Drawing.	Nos	2	45000.00		90,000.00	
				Total			
				G.TOTAL			

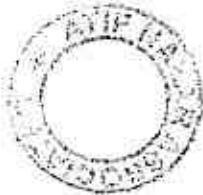
Rs 1202425.00



Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 DHQ NOSHERO FEROUZE HOSPITAL  
 COMMUNICATION SYSTEM

Bill of Quantity (EXTERNAL ELECTRICAL WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)
SECTION: A						
1	Providing, Installation and wiring for Telephone cabinet from Telephone Exchange with multipair cable etc, suitable for electronic exchange. Complete in all respects as per Drawing.					
a	2 Pair cable	Mtr.	10	70.00		700.00
b	5 Pair cable	Mtr.	5	120.00		600.00
c	25 Pair cable	Mtr.	5	575.00		2875.00
d	40 Pair cable	Mtr.	5	875.00		4375.00
2	Providing, Installation and wiring for Telephone/ Intercom lines from PTCL upto Telephone Cabinet with multipair cable etc, suitable for electronic exchange. Complete in all respects as per Drawing.					
a	10 Pair aerial cable	Mtr.	250	310.00		77500.00
b	12 Pair aerial cable	Mtr.	50	320.00		16000.00
c	20 Pair aerial cable	Mtr.	80	625.00		50000.00
d	50 Pair aerial cable	Mtr.	150	925.00		138750.00
SECTION: B						
1	Telephone Cabinet Floor Standing Type:					
a	MS Telephone Cabinet of 10 Pairs	Nos	1	6500.00		6500.00
b	MS Telephone Cabinet of 20 Pairs	Nos	1	13000.00		13000.00

Rs 3,12,800.00



*[Handwritten signature]*

*[Handwritten signature]*  
 05/4/2012



Bill of Quantity  
ELECTRICAL WORKS EXTERNAL  
DHQ NOSHERO FEROZE HOSPITAL  
COMMUNICATION SYSTEM

Bill of Quantity (EXTERNAL ELECTRICAL WORKS)							312800.00
S.NO.	DESCRIPTION	UNIT	QTY	Rate (in figures)	Rate (in words)	AMOUNT (Rs.)	
SECTION: C							
1	<b>CONDUITS &amp; PIPES</b>						
	Providing and Laying of following sizes (internal diameter of underground class 'D' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.						
a	25mm dia	Mtr.	50	110.00		5500.00	
b	40mm dia	Mtr.	50	125.00		6250.00	
c	50mm dia	Mtr.	50	165.00		8250.00	
d	75mm dia	Mtr.	30	250.00		7500.00	
2	<b>Communication Cable Chambers</b>						
	Providing and Construction of RCC Manhole of internal dimensions as below including excavation, backfilling and construction of RCC wall and slab, providing medium duty CI cover of 600 mm x 600 mm with frame. Complete in all respects as per Drawing						
a	500mm x 500 mm x 500 mm	Each	2	7500.00		15000.00	
b	400mm x 400 mm x 400 mm	Each	1	6900.00		6900.00	
SECTION: D							
1	<b>POLES &amp; CONDUCTORS</b>						
a	Providing and Digging holes in ordinary soil provision and erection in position and setting in 150 mm thick 1:4:8 PCC foundation and 80 mm thick 1:4:8 PCC muffer all round for and steel tubular galvanised painted pole 5.00 meter long complete with base plate as specified	Nos	3	19500.00		58500.00	
b	Providing and fixing Cross Arms Galvanised channels Iron with Insulator, clamps washers bolts and nuts etc	Nos	3	7500.00		22500.00	
c	Providing and fixing stay flying / stay assembly wire (7/10SWG stay clamps including setting in earth with PCC 1:3:6 complete up to 8 meter in length	Nos	3	12500.00		37500.00	
d	Providing and fixing Pole to Pole Telephone bare Conductor on Insulator	Mtr.	250	85.00		21250.00	
e	Providing and Installation of Telephone Insulated Drop Wire	Mtr.	120	40.00		4800.00	
f	5 pair pole mounted junction box	Mtr.	3	2100.00		6300.00	
				G.TOTAL		499650.00	



*[Handwritten signature]*



8 499650.00  
512,150.00

Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 DHQ NOSHERO FEROZE HOSPITAL  
 EXTERNAL ILLUMINATION

Bill of Quantity						
(EXTERNAL ELECTRICAL WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In Figures)	Rate (In words)	AMOUNT (Rs.)
<b>SECTION-A</b>						
<b>1 Poles &amp; Light Fixtures</b>						
Following pole are required for Street lighting with light fixtures						
a	Single Pole Of (19.68ft) 6m Height with Four lighting fixture Providing and installation of Philips model no.SGX 186 With flat glass SON/SON-T 400W with 1' bracket. Complete in all respect as per Drawing.	Nos	1	150000.00		150000.00
b	Single Pole Of (19.68ft) 6m Height with Two lighting fixture Providing and installation of Philips model no.SGX 186 With flat glass SON/SON-T 250W with 1' bracket. Complete in all respect as per Drawing.	Nos	1	80000.00		80,000.00
c	Single pole Of (13.12ft) 4m Height with One lighting fixture Providing and installation of Philips model no.SGX 186 With flat glass SON/SON-T 250W with 1' bracket. Complete in all respect as per Drawing.	Nos	1	58000.00		58000.00
d	Single pole Of (6.56ft) 2m Height with One lighting fixture for Lawn Lights. Providing and installation of Philips model no. Philips Metronomis Torino CDS530 C 1XCDM-T70W 220V. Complete in all respects as per Drawing.	Nos	1	55000.00		55000.00
e	Providing and installation of lighting fixture Philips model no.SGX 186 With flat glass SON/SON-T 400W with 1' bracket. Complete in all respect as per Drawing. On existing electrical pole	Nos	8	30000.00		240000.00
<b>2 WIRING AND CABLING</b>						
		Mtr.	5	115.00		575.00
a	2 Core 4 sqmm	Mtr.	5	195.00		975.00
b	3 Core 4 sqmm	Mtr.	5	275.00		1375.00
c	3 Core 6 sqmm	Mtr.	5	525.00		2625.00
d	3 Core 10 sqmm	Mtr.	5	675.00		3375.00
e	3 Core 16 sqmm					

R 591925.00



Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 DHQ NOSHERO FEROZE HOSPITAL  
 EXTERNAL ILLUMINATION

591925.00

Bill of Quantity						
(EXTERNAL ELECTRICAL WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In Figures)	Rate (In words)	AMOUNT (Rs.)
SECTION-B						
1	Providing and Installation of following LT Distribution Boards ( as per single line diagrams), including all accessories, related civil works etc. Complete in all respects as per Drawing.	Nos	1	35000.00		35000.00
a	S1/DP - Street Lightning 1					
SECTION-C						
2	CONDUITS & PIPES Providing and Laying of following sizes (internal diameter of underground class 'D' PVC pipe with accessories including pull wire, excavation and backfilling etc. Complete in all respects as per Drawing.	Mtr.	5	750.00		3750.00
a	100mm dia	Mtr.	5	650.00		3250.00
b	75mm dia	Mtr.	5	525.00		2625.00
c	50mm dia	Mtr.	5	430.00		2150.00
d	25mm dia					
SECTION-C						
1	EARTHING SYSTEMS					
a	Construction, Digging and refilling of 6 feet deep pit in green area/ordinary soil with supply and installation of earthing copper plate size 1' x 1' x 1/4" with 25mm bare copper wire, soil conditioning material and with output termination point as per details given in drawings. Complete in all respects as per Drawing.	Nos	3	44000.00		132000.00
b	Rod type earth electrode including earthing lead, inspection chamber and all accessories.	Nos	6	19500.00		117000.00
				G.TOTAL		

887700.00





Bill of Quantity

ELECTRICAL WORKS EXTERNAL  
 QNOSHERO FEROUZE HOSPITAL  
 ELECTRICAL POWER DISTRIBUTION

Bill of Quantity

(EXTERNAL ELECTRICAL WORKS)

DESCRIPTION	UNIT	QTY	Rate (In figures)	Rate (In words)	AMOUNT (Rs.)
SECTION: A					
POWER TRANSFORMER WITH HT BREAKER					
125 KVA <i>see note</i>	Nos.	1	855000		855000
100 KVA	Nos.	1	575000		575000
HT BREAKER (VCB Arvea)	Nos.	2	1150000		2300000
HT DISC ISOLATER (11KV knife switch)	Nos.	1	195000		195000
				Total	6 3925000

SECTION: B

HT CABLES

Providing and Digging holes in ordinary soil provision and erection in position and setting in 150 mm thick 1:4:8 PCC foundation and 80 mm thick 1:4:8 PCC muffer all round for and steel tubular galvanised painted pole 11.00 meter long for HT complete with base plate as specified.

Providing and Stringing straining tensioning and binding aluminium conductor steel reinforced (ACSR) 6/083 aluminium and 1/83 steel (squirrel) supply and fixing.

3 Core 25 sq.mm 11 kV, XLPE insulated copper tape screened steel wire armoured copper conductor cables laid in MV cable trench, installed on surface, on trav/ladder or in completed in all respect.

	Nos.	3	19500		58500
	Mtr.	300	250		75000
	Mtr.	50	2500		125000
				Total	6 258500
				Grand Total	6 4183500



*[Handwritten signature]*



Notes

- 1-a. 200 KVA quoted as per Wapda requirement.
- 1-c VCB (Arvea)
- 1-d 11 kV knife switch

Bill of Quantity  
 ELECTRICAL WORKS EXTERNAL  
 HQ NOSHERO FEROZE HOSPITAL  
 DIESEL GENERATOR SETS

*D. K. URBAN*

Bill of Quantity (EXTERNAL ELECTRICAL WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	Rate (In figures)	Rate (In words)	AMOUNT (Rs.)
<b>ELECTRICAL</b>						
<b>LOW VOLTAGE DIESEL GEN.SETS</b>						
1	250KVA standby rating LV D.G Set including skid mounted fuel day tank, 400 A, 4 pole auto mains failure automatic transfer panel and all control wiring between D.G. Set and L.T. Switchboard and all accessories, complete with foundation related civil works.	Nos	1	5192000.00		51,92,000.00
2	Supply and installation of an underground fuel storage tank having 2000 liters capacity manufactured as per DIN 6608/ASME Section VIII DIV 1, complete with manhole, cover, vent pipe etc. including excavation backfilling, civil works, fuel pump, piping networks.	Nos	1	407000.00		4,07,000.00
3	Auto mains failer transfer switch (ATS/AMF) for the above D.G set	Nos	1	650000		6,50,000.00
<b>Total</b>						<b>62,49,000.00</b>

ONLY RATE



*SB*

*S. H.*  
05/4/12



*2009*  
05/4/12



**VOLUME - III (B)**

**RENOVATION WORK OF EXISTING  
BUILDINGS AT D.H.Q. HOSPITAL**

**DHQ  
HOSPITAL  
NAUSHAHRO FEROZE**



Government of Sindh  
Health Department (Development Wing)

VOLUME - III (B)

BILL OF QUANTITY

Renovation Work of Existing Buildings  
At D.H.Q. Hospital,  
NAUSHAHRO FEROZE, Sindh.

Project:  
Expansion & Improvement of DHQ Hospital in Sindh.

Client:  
Health Department



Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-4, SB-14, Sheikh Center, Main University Road, Karachi.

Phone: 021-4982561, 4820497, E-mail: info@atifnazarassociates.com





Government of Sindh  
Health Department (Development Wing)

VOLUME - III (B)

BILL OF QUANTITY

Building - I	Renovation of Existing Indoor Block.
Building - II	Renovation of Existing OPD Block.
Building - III	Renovation of Existing C.C.U.
Building - IV	Renovation of Existing Casualty.
Building - V	Renovation of Existing Doctor Accommodations.

Project:  
Expansion & Improvement of DHQ Hospital in Sindh.

Client:  
Health Department



Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-4, SB-14, Sheikh Center, Main University Road, Karachi.

Phone: 021-4982561, 4820497, E-mail: [info@atifnazarassociates.com](mailto:info@atifnazarassociates.com)



Renovation Work of Existing Buildings  
At D.H.Q. Hospital, Naushahro Feroze  
BILL OF QUANTITY

SUMMARY

Total Building - I Renovation of Existing Indoor Block. Building - II Renovation of Existing OPD Block. Building - IV Renovation of Existing Casualty. Building - V Renovation of Existing Doctor Accomodations.	Rs.	19189007 ✓
--	-----	------------

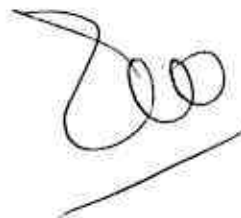
Grand Total	Rs.	19189007 ✓
-------------	-----	------------

Total in Words: One crore nine lakh eighty nine thousand  
*Seven Lakh only*

Signature: 

dated: 22.3.2012







**BUILDING - I, II, IV & V**

**RENOVATION OF EXISTING  
INDOOR BLOCK.**

**RENOVATION OF EXISTING  
O.P.D. BLOCK.**

**RENOVATION OF EXISTING  
CASUALTY.**

**RENOVATION OF EXISTING  
DOCTOR ACCOMMODATIONS.**

**DHQ  
HOSPITAL  
NAUSHAHRO FEROZE**

RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.  
At DHQ Hospital NOUSHERO FEROZ SINDH  
BILL OF QUANTITY



SUMMARY

Total (Part-A) Civil Work	Rs.	1544027.00
Total (Part-B) Plumbing Work	Rs.	1424930.-
Total (Part-C) Electrical Work	Rs.	2323950.--
Total (Part-A + B + C)	Rs.	19189007.-

Total in Words: *One crore nine lac eighty nine thousand Seven hundred*

Signature: *[Handwritten Signature]*

dated: *22.3.2012*



*S.H.*  
*05/4/2012*



RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.  
At DIQ Hospital NOUSHERO FERAZ SINDH  
BILL OF QUANTITY



SUMMARY

Total (Part-A) Civil Work	Rs.	15440127
---------------------------	-----	----------

Total in Words: *One crore fifty four lac one hundred*

Signature: *[Signature]*

dated: \_\_\_\_\_

*(One crore fifty four lac four thousand one hundred seven only)*



RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHQ Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(CIVIL WORKS)



Sr.	Description	Quantity	UNIT	RATE (in figures)	RATE (in words)	AMOUNT
1	DEMOLITION					
1.1	Dismantling glazed or encrustic tiles including the mortar etc, that also includes the removing debris / Surplus material outside the hospital premises and or as per instructions of Engineer Incharge.	23432.4	Sft	10.00	✓	234324.00
2	Removing door with chowkat.	29.0	Nos	475.00	✓	13775.00
2.2	Removing windows and sky light with chowkat.	36.0	Nos	475.00	✓	17100.00
3	Providing and fixing G.I. frames / Chowkats of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I. Sheet including welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also includes all carriage tools and plants used in making and fixing as per drawing / specifications and instructions of Consultant.	522.0	Rft	200.00	✓	104400.00
4	Providing and fixing in position door for first class deodar wood frames 1-1/2" thick and teak wood ply shutter of first class deodar wood skelton (Solid) Stiled and ply wood stiled and rails core of partal wood and teak ply wood (3 ply on both sides including holdfasts hinges adrops iron tower bolts handles cleats with cord etc (that also include the cost of see P/F see through glass if required).complete as per drawing / specifications and instructions of Consultant.	683.0	sft	320.00	✓	218560.00
5	Providing and fixing floors & Dado of approved coloured Porcelain Tiles tiles with approved bond and 1/4" thick in white cement and pigment and or as per instruction of Engineer in-charge.	12827.7	Sft	215.00	✓	2757956.00
6	Providing and fixing ceramic tiles on floor and Dado tile 1/4" thick jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing.	16118.0	Sft	170.00	✓	2740060.00
7	Scraping Ordinary distemper, oil bound distemper or paint on wall and ceiling	208582.6	Sft	4.50	✓	938622.00
8	Paint Ordinary distemper, oil bound distemper or paint on ceiling	64636.4	Sft	15.50	✓	1001865.00



Rs 8026662.00

RENOVATION OF II.DOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHC Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(CIVIL WORKS)

Rs 8026662.00

Sr.	Description	Quantity	UNIT	RATE (in figures)	RATE (in words)	AMOUNT
9	Preparing the surface and painting with Plastic Emulsion including removing of existing paint and rubbing with bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk. Plaster of paris mixture, applying first coat premix making the surface smooth and then painting three coats with matt finish of approved make etc complete (New surface + 2nd & subsequent coat).	135244.4	Sft	24.00		3245866.00
10	Preparing surface painting of doors & windows of any type. (including edges). (three coats)	23598.0	Sft	25.00		589950.00
11	Providing & fixing Aluminum sheet on doors pasted with glue as per requirement.	2460.0	sft	30.00		73800.00
12	Glazing with plate glass 1/4" thick including the cost of 1st.class deodar wood fillets and putty.	22.1	Sq.ft	50.00		1105.00
13	Rubbing and Polishing on old mosaic floor. Applying chemical polish	55703.1	Sq.ft	11.00		612734.00
14	Preparing the old surface and brick pointing on the exterior walls i/c the cost of scaffolding, material required and all type of skilled / unskilled labour complete in all respects also including the cost of repair on old surface where ever required and or as per instruction of Consultant and Engineer incharge.	57124.78	Sq.ft	14.00		799747.00
15	Providing and fixing RCC Repairing work at any height in RCC Columns, Staircase, Ceiling, Walls with (SBR or Approved chemical / bonding agent) and finished with 3/4" thick 1:2 Cement Sand Plaster finishing as per required standard complete in all respects as per drawings, specifications, and/or as directed by the Consultant.	768.0	Sqft	80.00		61440.00
16	Providing & Making Roof finishing composed of C.C.1:2:4 screed of min. 50mm thickness laid in panels in specified slopes over RCC slab (after removing of old screed) and applying two coats of hot bitumen PBA and sprinkling of a P-Gravel as per drawing / specifications that includes the removing of all debries out side the Hospital premises and or as per instruction of Engineer-In-Charge / Consultants	25038.6	Sqft	65.00		1627509.00



Rs 15038813.00




RENOVATION OF INDOOR, OPD BLOCK. CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHQ Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(CIVIL WORKS)

15038813.00

Sr.	Description	Quantity	UNIT	RATE (in figures)	RATE (in words)	AMOUNT
17	Termite Proofing work with injection of approved chemical after drilling of Holes 3/4" dia 3'-6" deep and 2'-0" interval at all internal walls / external walls and all around the plinth protection of the building for effective barrier of termite protection as per manufacturer specification and complete as per drawing / specification and instructions of Engineer Incharge / Consultant.	25038.6	Sqft	8.00		200304.00
18	Providing and fixing fairface precast CC Jali of 1:4 cement sand mortar (Double Jali 2" thick each total thickness 4") of approved sample. Setting the jali in 1:4 cement sand mortar including grouting, curing, scaffolding etc, complete in all respects as per drawings, specifications, and/or as directed by the Consultant.	618.0	Sft	85.00		52530.00
19	Providing & Fixing FlyProofing in existing Windows including (Chicken Mesh + Mosquito Mesh) with wooden beading complete as per directions of Engineer Incharge	1856.00	Sft	80.00		148480.00
Total AMOUNT						

Signature: 

dated: 22.3.2012

B 15440127.00



15440127.00  
15440131.00



S-110  
05/4/2012



RENOVATION OF INDOOR OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.  
At DHQ Hospital NOUSHERO FEROZ SINDH  
BILL OF QUANTITY



SUMMARY

Total (Part-B) Plumbing Work	Rs. 1424930-
------------------------------	--------------

Total in Words: Fourteen Lac Twenty-four thousand nine hundred  
Thirty only

Signature: [Handwritten Signature]

dated: 22.3.2012

[Handwritten Signature]



[Handwritten Signature]  
05/4/2012



RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHQ Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(PLUMBING WORKS)

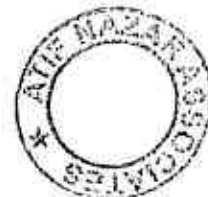


Sr.	Description	Quantity	Unit	RATE (In figures)	RATE (In words)	Amount
1	Providing and fixing squatting type white glazed earthen ware W/C pan including removing of existing W/C	63	Nos	5800.00		481400.00
2	Providing and Fixing 24"X18" Lavatory Basin including earthen ware pedestal and position swan type pillar cock, Nylon connection with 1/2" dia stop cock complete in all respect and or as per instruction of consultant.	62	Nos	6900.00		427800.00
3	Providing and fixing CP galee trap	55	Nos	1600.00		88000.00
4	Providing and fixing concealed stop cock	86	Nos	1150.00		98900.00
5	Providing chambers 15"X9" inside dimension in to 24" deep for house matters with 6" thick cc 1:3:6.	4	Nos	2500.00		10000.00
6	Providing and fixing PVC pipe 4" dia make of pak arab including all required tee, Band, sockit, clamp etc complete in all respects, as per design drawing and or as per instruction of Consultant.	200	Rft	650.00		130000.00
7	providing and fixing 4" PVC Cover	18	Nos	395.00		6320.00
8	Providing and fixing PVC pipe 2" dia make of pak arab including all required tee, Band, sockit, clamp etc complete in all respects, as per design drawing and or as per instruction of Consultant.	410	Rft	140.00		57400.00
9	Providing and fixing PVC pipe 3/4" dia make of pak arab including all required tee, Band, sockit, clamp etc complete in all respects, as per design drawing and or as per instruction of Consultant.	325	Rft	80.00		26000.00
10	Providing and fixing PVC pipe 1" dia make of pak arab including all required tee, Band, sockit, clamp etc complete in all respects, as per design drawing and or as per instruction of Consultant.	525	Rft	110.00		57750.00

Rs 1383570.00

*[Handwritten signature]*

S-11  
05/12



RENOVATION OF INDOOR, CPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHQ Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(PLUMBING WORKS)

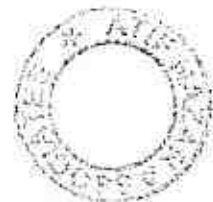
₹ 1383570.00

Sr.	Description	Quantity	Unit	RATE (in figures)	RATE (in words)	Amount
11	Providing and fixing Plastic Valve 2"	18	Nos	1320.00		23760.00
12	Providing and fixing Plastic Valve 1"	32	Nos	550.00		17600.00
TOTAL AMOUNT						

B 1424930.00

Signature: 

dated: 22.3.2012





S-110  
05/4/2012



RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.  
At DHQ Hospital NOUSHERO FERAZ SINDH  
BILL OF QUANTITY



SUMMARY

Total (Part-C) Electrical Work	Rs.	2323950--
--------------------------------	-----	-----------

Total in Words: Twenty three Lac Twenty three thousand

*with hundred fifty only*

Signature: 

dated: 22.3.2012



*S-11*  
*25/4/2012*









RENOVATION OF INDOOR, OPD BLOCK, CASUALTY EMERGENCY & DOCTOR ACCDS.

At DHQ Hospital NOUSHERO FERAZ SINDH

BILL OF QUANTITY  
(ELECTRICAL WORKS)

Sr.	Description	Quantity	Unit	RATE (in figures)	RATE (in words)	Amount
1	Wiring for lights or fan 3/29	150	Nos	1200--	✓	180000--
2	Wiring for plug point	54	Nos	1200--	✓	64800--
3	wiring for main 7/36 pvc insulated in 1" conduit	800	Rft	90--	✓	72000--
4	wiring for main 7/29 pvc insulated in 3/4" conduit	1300	Rft	75--	✓	97500--
5	wiring for main 7/44 pvc insulated in 1" conduit	2300	Rft	135--	✓	310500--
6	Providing and fixing SW canopy block and back light ceiling rose on SAW vlock	350	Nos	60--	✓	21000--
7	Providing and fixing D3 metal board dubble shutter	80	Sqft	750--	✓	45000--
8	Providing and fixing circuit breaker 6 amp to 50 amp.	66	Nos	650--	✓	42900--
9	Providing and fixing circuit breaker 50 amp to 63 amp.	55	Nos	1500--	✓	82500--
10	Providing and fixing circuit breaker 100 amp.	25	Rft	2500--	✓	62500--
11	Providing and fixing 2/40 watt tube light make Philips complete in all respects.	80	Nos	3500--	✓	280000--
12	Providing and fixing 1/40 watt tube light make Philips complete in all respects.	310	Nos	1800--	✓	558000--
13	Providing and fixing AC three pin including wiring complete in all respects.	30	Nos	2500--	✓	75000--
14	Providing and fixing flush type two pin including wiring complete in all respects.	110	Nos	975--	✓	107250--
15	Supplying and fixing ceiling fans 56" sweep. Of approved make and model and or as per instruction of Consultant.	130	Nos	2500--	✓	325000--
TOTAL AMOUNT						

Rs 2323950--

Signature: \_\_\_\_\_

dated: 22-3-2012



S.I.K  
05/4/2012





Renovation Work of Existing Buildings  
A.D.H.Q. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT

### SUMMARY

	Engineer's Estimate	Approved PC-1 Cost/ Ceiling	M/s. Z.I.A. Services
Total, Building - I Renovation of Existing Indoor Block. Building - II Renovation of Existing OPD Block. Building - IV Renovation of Existing Casualty. Building - V Renovation of Existing Doctor Accommodations.	Rs. 18,062,771.13	Rs. 22,396,446.61	Rs. 17,909,108.00
Grand Total	Rs. 18,062,771.13	Rs. 22,396,446.61	Rs. 17,909,108.00
Grand Total in Millions Rs.	Rs. 18.063	Rs. 22.396	Rs. 17.909



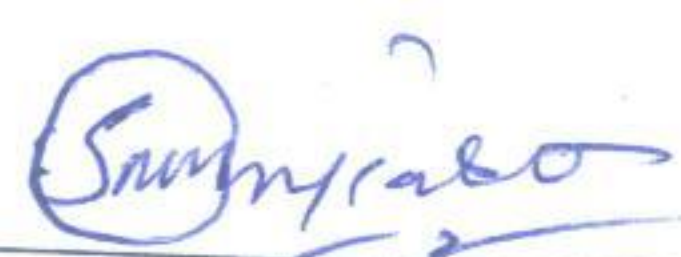
## Bid Evaluation Report

1. Name of Procuring Agency: Project Director, Rehabilitation of DHQ / THQ Hospitals in Sindh.
2. Tender Reference No: INF/KRY: No. 4531/12.
3. Tender Description/Name of work/item: Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work At D.H.Q. Hospital, NAUSHAHRO FEROZE, Sindh.
4. Method of Procurement: Single Stage – Two Envelope Procedure
5. Tender Published: Daily Jang Dated 9/12/2012 & Daily SPPRA Web Site ID # \_\_\_\_\_ Dated / /2013  
*Print & Electronic Media (SPPRA ID No. & News papers names with dates)*
6. Total Bid documents Sold; 02 Nos.
7. Total Bids Received: One Nos.
8. Technical Bid Opening date: (if applicable) 10/01/2013 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): One Nos.
10. Bid(s) Rejected: Nil.
11. Financial Bid Opening date: 25/02/2013.


### 12. Bid Evaluation Report:

Sr.	Name of Firm or Bidder	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 Z.I.A. Services	107.337 As per Calculation	Ist Lowest	93.350 Approved PC-1 Cost / Provisions	With in PC-1 Cost / Provisions of 14.98%	Recommended for Award of Work

  
Project Director DHQ/THQ Hospitals in Sindh  
(Member)

  
Additional Secretary (Dev.) Health Dept / Representative  
(Member)

  
Rep. of Special Secretary Finance Dept  
(Member)

  
W.H.O. Operation Officer  
(Member)

  
Director General Health Services Sindh  
(Chairman)



Government of Sindh  
Health Department (Development Wing)

VOLUME - VII

COMPARATIVE STATEMENT

Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, NAUSHAHRO FEROZE, Sindh.



**Consultant:**  
Atif Nazar Associates  
Consulting Engineers & Architects  
B-28, Block - 15, Gulshan-e-Iqbal, Karachi - Pakistan.  
Phone:021-34982561,34820497, E-mail:info@atifnazarassociates.com

**Project:**  
Expansion & Improvement of DHQ Hospital in Sindh.

**Client:**  
Health Department



Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT

**GRAND SUMMARY**

	Engineer's Estimate		Approved PC-1 Cost / Ceiling		M/s. Z.I.A. Services	
	Rs.		Rs.		Rs.	
Package - 1 Total Allied Buildings & Residential Buildings At D.H.Q. Hospital,	Rs. 72,862,341.06		Rs. 57,545,854.49		Rs. 89,987,012.50	
Package - 2 Total External Development & Renovation Works At D.H.Q. Hospital,	Rs. 26,884,577.09		Rs. 30,619,245.17		Rs. 28,814,490.82	
Add Contingency (1.725 M) / PC-1 Provisions (3.460 M)			Rs. 5,184,900.34			
<b>Grand Total</b>	Rs. 99,746,918.15		Rs. 93,350,000.00		Rs. 118,801,503.32	
Rebate ( + / - ) if any ( Minus 9.65%)					9.65% Rs. 11,464,345.07	Less Rebate
<b>Grand Total after Less Rebate</b>	Rs. 99,746,918.15		Rs. 93,350,000.00		Rs. 107,337,158.25	



*Bid quote higher than approved  
PC-1 cost and Engineer's Estimate*



Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, Naushahro Feroze.

COMPARATIVE STATEMENT

GRAND SUMMARY

%age lower or Above than Engineers Estimate		+	7.61
Position As per Approved Engineers Estimate			1st Lowest
%age lower or Above than PC-1 Cost. / Provisions.		+	14.98
Position As per Approved PC-1 Cost / Provisions.			1st Lowest





Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, Naushahro Feroze,  
COMPARATIVE STATEMENT

### GRAND SUMMARY

	Engineer's Estimate	Approved PC-1 Cost / Ceiling	M/s. Z.I.A. Services
Package - 1 Ref. Volume - VI (A) Total Construction of Allied Building At D.H.Q. Hospital,	Rs. 19,386,835.90	Rs. 14,309,369.80	Rs. 23,462,624.50
Package - 1 Ref. Volume - VI (B) Total Construction of Residential Buildings At D.H.Q. Hospital,	Rs. 53,475,505.17	Rs. 43,236,484.68	Rs. 66,524,388.00
Grand Total	Rs. 72,862,341.06	Rs. 57,545,854.49	Rs. 89,987,012.50





Construction of Allied Buildings.  
At D.H.O. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT

**SUMMARY**

	Engineer's Estimate		Approved PC-1 Cost / Ceiling		Ms. Z.I.A. Services	
	Rs.		Rs.		Rs.	
Total, Building - I Construction of Morgue House.	Rs.	2,473,268.50	Rs.	1,420,078.71	Rs.	2,683,573.00
Total, Building - II Construction of Utility Building.	Rs.	2,754,068.69	Rs.	1,580,211.39	Rs.	3,232,812.50
Total, Building - III Construction of Kitchen & Cafeteria.	Rs.	7,711,619.29	Rs.	6,169,458.39	Rs.	9,119,177.00
Total, Building - IV Construction of Laundry.	Rs.	3,611,619.90	Rs.	2,564,744.73	Rs.	4,287,817.00
Total, Building - V Construction of Ambulance Parking Garrages.	Rs.	718,761.34	Rs.	1,001,760.01	Rs.	884,074.00
Total, Building - VI Construction of Parking Shed.	Rs.	2,117,498.18	Rs.	1,573,115.59	Rs.	3,255,171.00
Grand Total	Rs.	19,386,835.90	Rs.	14,309,369.80	Rs.	23,462,624.50
Grand Total in Millions Rs.	Rs.	19.387	Rs.	14.309	Rs.	23.463





Construction of Residential Buildings.  
At D.H.Q. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT



**SUMMARY**

	Engineer's Estimate		Approved PC-1 Cost / Ceiling		M/s. Z.I.A. Services	
	Rs.		Rs.		Rs.	
Total, Building - I Construction of Paramedical Staff Accommodation.	Rs. 33,605,334.00		Rs. 28,353,628.90		Rs. 41,253,234.00	
Total, Building - II Construction of Lower Staff Accommodation Block A.	Rs. 9,935,085.58		Rs. 7,441,427.89		Rs. 12,635,577.00	
Total, Building - III Construction of Lower Staff Accommodation Block B.	Rs. 9,935,085.58		Rs. 7,441,427.89		Rs. 12,635,577.00	
<b>Grand Total</b>	Rs. 53,475,505.17		Rs. 43,236,484.68		Rs. 66,524,388.00	
<b>Grand Total in Millions Rs.</b>	Rs. 53.476		Rs. 43.236		Rs. 66.524	





Construction of Allied Buildings, Residential Buildings,  
External Development & External Services and Renovation Work  
At D.H.Q. Hospital, Naushahro Feroze,  
COMPARATIVE STATEMENT

### GRAND SUMMARY

	Engineer's Estimate	Approved PC-1 Cost /	M/s. Z.I.A. Services
Package - 2 Ref. Volume - VI (C) Total External Development & External Services At D.H.Q. Hospital,	Rs. 8,821,805.96	Rs. 8,222,798.56	Rs. 10,905,382.82
Package - 2 Ref. Volume - VI (D) Total Renovation Work of Existing Buildings At D.H.Q. Hospital,	Rs. 18,062,771.13	Rs. 22,396,446.61	Rs. 17,909,108.00
<b>Grand Total</b>	<b>Rs. 26,884,577.09</b>	<b>Rs. 30,619,245.17</b>	<b>Rs. 28,814,490.82</b>





External Development & External Services.  
Al D.H.Q. Hospital, Naushahro Feroze.  
COMPARATIVE STATEMENT

### SUMMARY

	Engineer's Estimate		Approved PC-1 Cost / Ceiling	Mis. Z.I.A. Services
	Rs.	5,630,573.96		
Total, Land Scaping & External Development.	Rs.	822,787.00	Rs.	7,053,867.82
Total, External Plumbing Works.	Rs.	2,369,445.00	Rs. 8,222,798.56	Rs. 1,199,415.00
Total, External Electrical Works.	Rs.			Rs. 2,662,100.00
Grand Total	Rs.	8,822,805.96	Rs. 8,222,798.56	Rs. 10,905,382.82
Grand Total in Millions Rs.	Rs.	8.822	Rs. 8.223	Rs. 10.905

