



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/1948/2013

Dated: 02 / 05 / 2013

ADVANCE ACCEPTANCE

To,

M/s Pakistan Electric Works
Office # 308, 3rd Floor,
Frere Road, Frere Business Centre,
Saddar, Karachi-74400,
Pakistan.

SUBJECT Procurement of Services as Construction Firm for "External Development & External Services for DHQ Hospital at MirpurKhas, Under ADP Scheme No. 1937 (2012-13)"

After scrutiny of your documents, which were submitted to this office in response to our advertisement regarding Allied Services & Building, External Development & External Services of DHQ Hospital MirpurKhas 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.	CONSTRUCTION OF BOUNDARY WALL	13,279,263.00
2.	CONSTRUCTION OF PARKING SHADE	5,201,540.00
3.	CONSTRUCTION OF U.G. W. TANK	4,640,047.00
4.	LAND SCAPING & EXTERNAL DEVELOPMENT	35,338,552.00
5.	EXTERNAL PLUMBING WORKS	17,105,821.00
6.	EXTERNAL ELECTRICAL WORKS	51,526,540.00
	TOTAL	127,091,763.00
	Less: Rebate 12.75%	16,204,200.00
	Grand Total	110,887,563.00
	In words, Rupees: One Hundred Ten Million, Eight hundred Eighty Seven Thousand, Five Hundred & Sixty Three 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. 2% Bid security submitted at the time of tender will be retained & treated as performance security as already mentioned in Contract Documents.
4. You are therefore directed to please attend the Office of the undersigned for signing the Contract 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 06 months**, which will be reckoned from the date of signing of the Contract Agreement. The civil works including Electrical & Plumbing works are to be executed strictly in accordance with the terms & conditions of the Contract 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 for 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.

[Handwritten signature]
2/5/2013

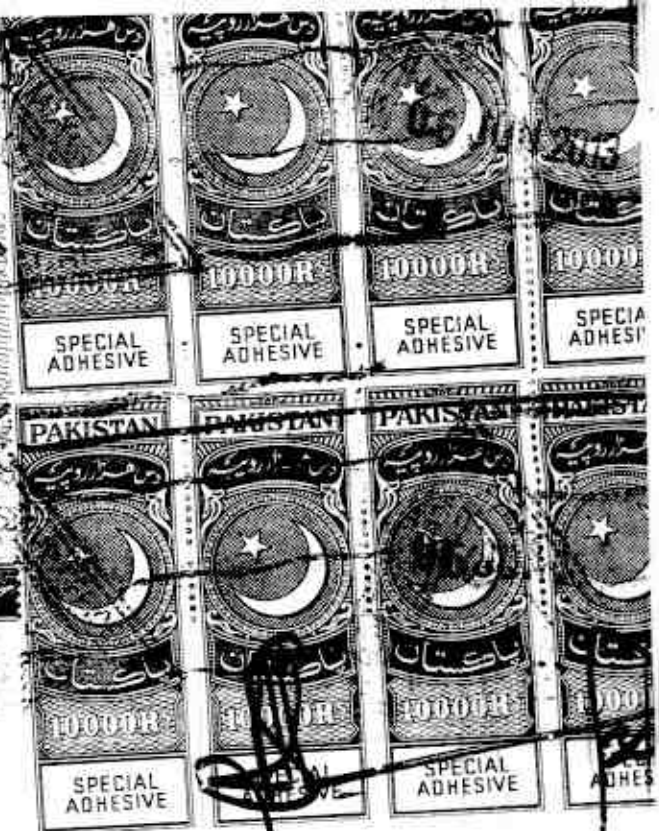
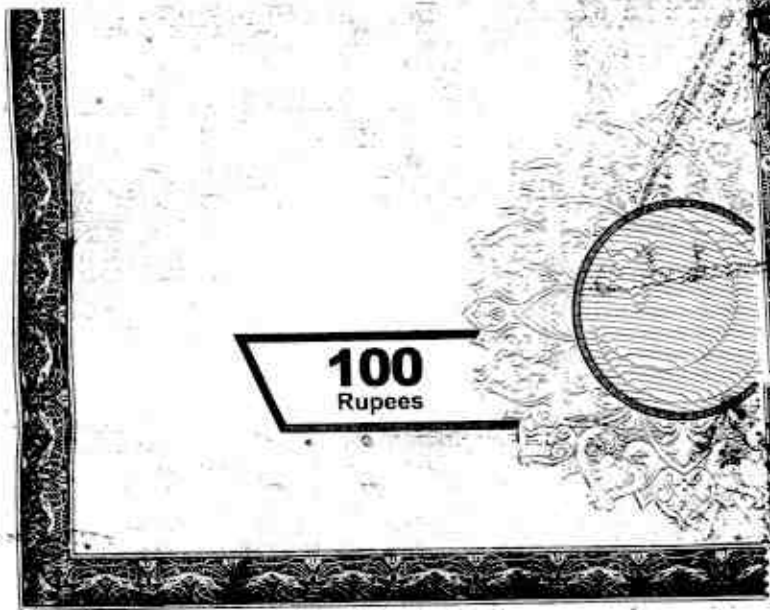
C. c to

- P.S to Secretary, Government of Sindh, Health Department, Karachi
- M/s Atif Associates

Project Director
Rehab: DHQ/THQ Hospitals in Sindh
Karachi

[Handwritten signature]
Project Director
Rehab: DHQ/THQ Hospitals in Sindh
Karachi

[Handwritten signature]
9/5/13



05 JUN 2013

Handwritten notes and stamps on the left side of the page, including a date stamp and some illegible text.

100000/- Sc/2

6-6-1

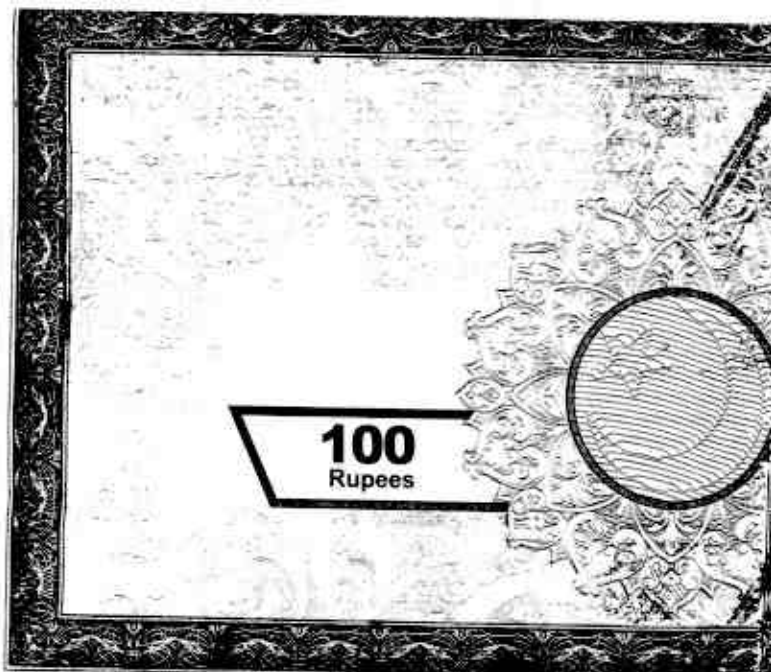
CONTRACT AGREEMENT

THE CONTRACT AGREEMENT (hereinafter called the "Agreement" made on the 05 day of June 2013 between PROJECT DIRECTOR REHABILITATION DHQ/THQ HOSPITALS IN SINDH (hereafter called the "Procuring Agency" of the one part and PAKISTAN ELECTRIC WORK (hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz External Development & External Services for DHQ Hospital at Mirpurkhas, Under ADP Scheme No. 1937 (2012-13) Sindh is to be undertaken in the existing vicinity of D.H.Q Hospital Mirpurkhas, Sindh and amount of Rs. 110,887,536/- (One Hundred Ten Million, Eight Hundred Eighty Seven Thousand, Five Hundred & Sixty Three Only) should be executed by the Contractor and has accepted a bid by the Contractor for the execution and completion of such works and the remedying of any defects therein.

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
 - a) The Contract Agreement.
 - b) The Letter of Acceptance.
 - c) The complete Form of Bid
 - d) Special Stipulations (Appendix - A to Bid).
 - e) The Special Conditions of Contract - Part II
 - f) The General Conditions - Part I.
 - g) The priced Bill of Quantities (Appendix - D to Bid)
 - h) The complete Appendices to Bid (B.C.F. to I).

Handwritten signature or initials at the bottom left of the page.



MUHAMMAD ASHRAF QURESHI STAMP VENDOR
 License No. 1038, Station Road,
 District Faisalabad
 No. 5749
 ANIS ASSOCIATED AGENCIES
 No. 1205, H.C. ROAD, RAJPUT
 Valt
 Signature


05 JUN 2013

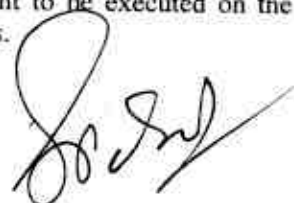
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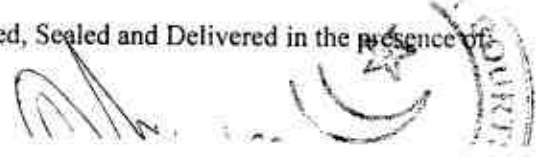
3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the work and remedy defects therein in conformity and in all respects with the provisions of the contract.
4. Procuring agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

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


 Signature of the Contractor
 Pakistan Electric Works
 308, 3rd Floor, Frere Road,
 Frere Business Centre, Saddar, Karachi.
 PH: 32711866, Fax # 32711867
 Email: pak_electricwork@yahoo.com


 Signature of Project Director,
 Rehab: DHQ/THQ In Sindh

Signed, Sealed and Delivered in the presence of



ADHESIVE STAMP
(FAROOQ)



OFFICE SUPERINTENDENT
Stamp Office, City Court
Karachi

6-6-13

06 JUN 2013

16
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10000 x 17 = 170000
2000 x 01 = 2000
1000 x 01 = 1000
Total = 172000



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/ 1953 /2012

Dated: 02 / 05 /2013

ADVANCE ACCEPTANCE

To,

M/s Muhammad Hasni Builders
Office # 513-514, 5th Floor
Park Avenue, Main Shahrah-e-Faisal
Karachi.

SUBJECT Procurement of Services as Construction Firm for "External Development & External Services for DHQ Hospital at DADU, Under ADP Scheme No. 1937 (2012-13)"

After scrutiny of your documents, which were submitted to this office in response to our advertisement regarding Boundary wall, Parking Shade, Underground water Tank, landscaping & external Development, external plumbing works, external electrical works of DHQ Hospital DADU 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.	CONSTRUCTION OF BOUNDARY WALL	16,370,384.00
2.	CONSTRUCTION OF PARKING SHADE	3,158,633.00
3.	CONSTRUCTION OF U.G. W. TANK	5,904,504.00
4.	LAND SCAPING & EXTERNAL DEVELOPMENT	36,833,954.00
5.	EXTERNAL PLUMBING WORKS	15,837,845.00
6.	EXTERNAL ELECTRICAL WORKS	46,799,219.00
	TOTAL	124,904,539.00
	Less Rebate 12%	14,988,545.00
	Grand Total	109,915,994.00
	In words, Rupees: One Hundred Nine Million, Nine hundred Fifteen Thousand, Nine Hundred & Ninety Four Only.	

Received
JZO
2/5/13

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. 2% Bid security submitted at the time of tender will be retained & treated as performance security already mentioned in Contract Documents.
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:

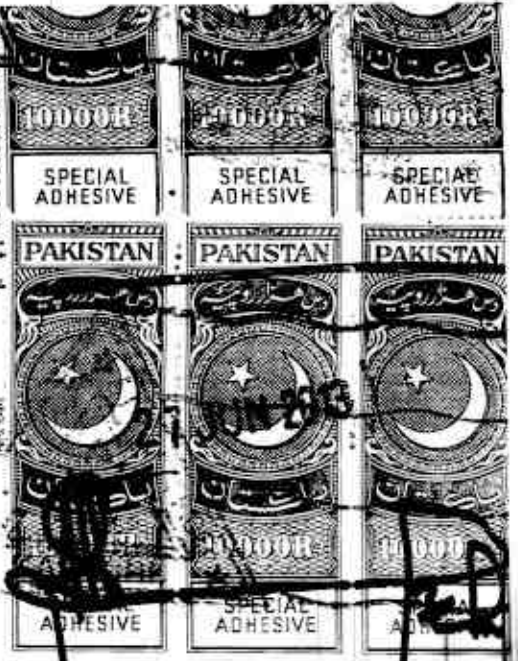
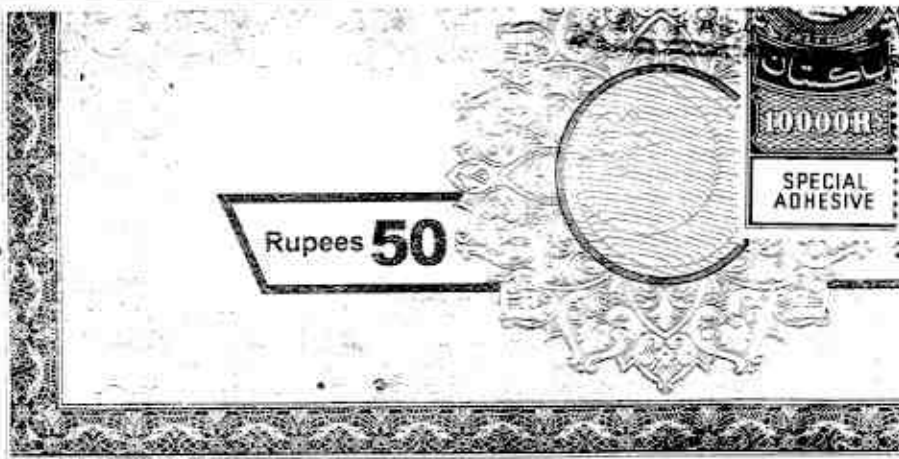
(i)	C.N.I.C (Photostat)	1 No.
(ii)	Proprietorship/Partnership deed/Pvt. Ltd Co. (Photo copy)	1 No.
(iii)	Income Tax registration certificate (Photo copy)	1 No.
5. The acceptance of this Contract which is concluded at your risk and expenses will however be governed, as per conditions laid down in the Conditions of Contract given & accepted at the time of Tender.
6. The time limit for the completion of work is **up to 06 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.

Project Director
Rehab: DHQ/THQ Hospitals in Sindh
Karachi

C. c to

- P.S to Secretary, Government of Sindh, Health Department, Karachi
- M/s Atif Nazar Associates


Project Director
Rehab: DHQ/THQ Hospitals in Sindh
Karachi



ABED NASIM JAVED IQBAL Stamp Vendor

Licence No. 98, Office in City Court
Shed (A) Stall No. 14, Karachi-Pakistan

18 MAR 2013

S. No. 38729
ISSUED TO WITH A.P. No. _____
THROUGH WITH A.P. No. _____
PURPOSE _____
VALUE RS _____ (ATTACHED) _____
STAMP VENDOR SIGNATURE _____

**MIRZA ASIF BAIG
ADVOCATE
4515 H.C.**

Handwritten signature/initials

27-6-13

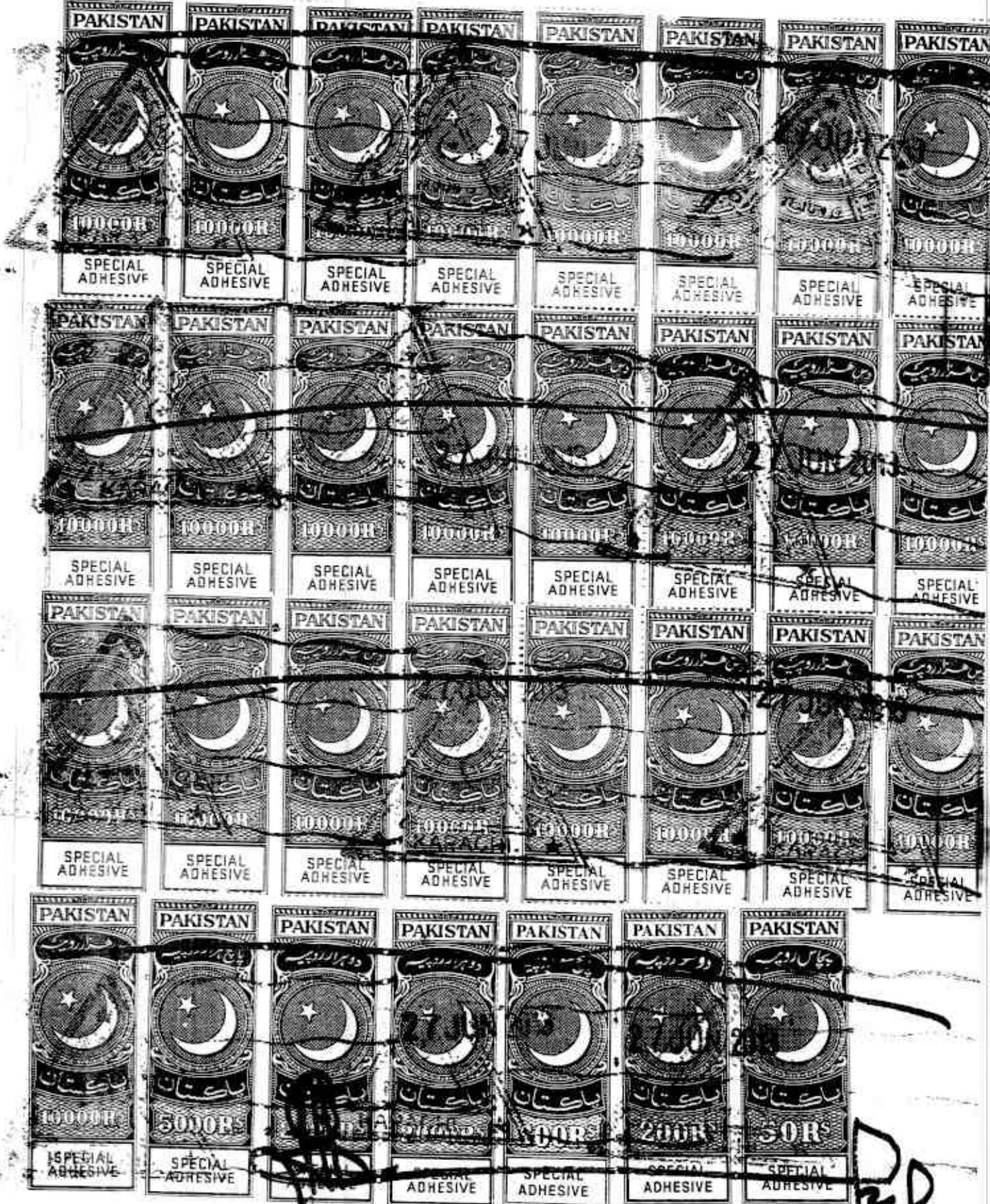
FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (herein after called the "Agreement") made on _____ day of _____ (month) 2013 between P.D Rehabilitation of DHQ and THQ Hospitals in Sindh (hereafter called the "Procuring Agency") of the one part and M/s. Muhammad Hasni Builders (hereafter called the Contractor) of the other part.

Whereas the Procuring Agency is desirous that certain works viz. External Development & External Services at D.H.Q. Hospital, DADU, Sindh. Should be executed by the Contractor and has accepted a bid by the Contractor for the execution and completion of such works and the remedying of any defects therein.

Now this Agreement witnesses as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract herein after referred to.
2. The following documents after incorporation addenda, if any, except those parts relating to instructions to bidder shall be deemed to form and be read and construed as part of this Agreement viz.
 - a) The Contract Agreement :
 - b) The Letter of Acceptance :
 - c) The Completed form of Bid :
 - d) Special Stipulations (Appendix-A to Bid) :
 - e) The Special Conditions of Contract – Part-II :
 - f) The General Conditions – Part-I :
 - g) The Priced Bill of Quantities (Appendix-D to Bid)
 - h) The Completed Appendices to Bid (B,C,E to L)
 - i) The Drawings :
 - j) The Specifications :
 - k) _____ (any Other)



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OFFICE SUPERINTENDENT
Stamp Office, City Court
Karachi.

27 JUN 2013

27-6-13

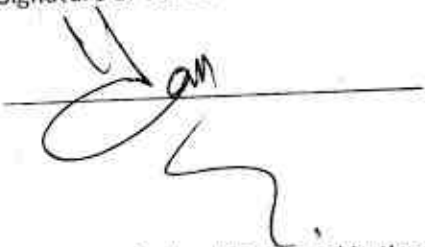
The Contract amount is Rs. 109,915,994/-

3. In Consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
4. Procuring agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as

may become payable under the provisions of contract at the times and in the manner prescribed by the contract.

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

Signature of the Contractor



Signature of the Project Director



Signed, Sealed and Delivered in the presence of :

Witness :

0210-726416-7

Name :
Title :
Address :



Witness :

Name :
Title :
Address :

Appendix-L to Bid

(INTEGRITY PACT)

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

Contract No. PD/1206/1948 Date 02-05-2013
Contract Value: Rs. 110,887,563
Contract Title: DATA M. Jhas

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

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

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

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

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

.....
[Procuring Agency]

.....
[Contractor]



DATA M. Jhas

BL-1

Appendix-L to Bid

(INTEGRITY PACT)

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

Contract No. PD/1548/1853 Date 02-05-2017
Contract Value: Rs. 108,915,394.
Contract Title: DAS IASP Dadr.

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

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

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

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

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

.....
[Procuring Agency]



[Contractor]

DAS Dadr.

MSW



Government of Sindh
Health Department (Development Wing)

CONTRACT DOCUMENT

VOLUME - III

BILL OF QUANTITY

**External Development & External Services
At D.H.Q. Hospital,
DADU, Sindh.**

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

**Client:
Health Department**

**Contractor:
M/s. Muhammad Hasni Builders.**



**Consultant:
Atif Nazar Associates
Consulting Engineers & Architects
A-3 & 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)

CONTRACT DOCUMENT

NO. III

BILL OF QUANTITIES

**External Development & External Services
At D. Hospital,
D. Sindh.**

Expansion & Improvement of D. HQ Hospital in Sindh.

Health Department

M/s. Muhammadi Asni Builders.



Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-3 & A-4, SB-14, Sheikhan

Phone: 021-4982561, 482

Main University Road, Karachi.

info@atifnazarassociates.com



**Government of Sindh
Health Department (Development Wing)**

VOLUME - III

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH

BILL OF QUANTITY

**External Development & External Services
At D.H.Q. Hospital,
DADU, Sindh.**

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

**Client:
Health Department**

Issued to M/s. Muhammad Hasni Builders.
Dated. 1 / 20



Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-3 & A-4, SB-14, Sheikh Center, Main University Road, Karachi.

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



[Handwritten signature]
10/2/13.

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH



PREAMBLE TO BILL OF QUANTITIES

External Development & External Services At D.H.Q. Hospital, Dadu, 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 within 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.
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.



PREAMBLE TO BILL OF QUANTITIES

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

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 5th 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 Main hospital Building and allied buildings are under construction therefore modular approach has to be adopted as per the space provided by the Project Authorities, Contractor will not be allowed any claim of escalation due to late possession of area.
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 work; no delay shall occur due to non availability of shuttering / form work.
22. As the current time period is only 12 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.
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.



PREAMBLE TO BILL OF QUANTITIES

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

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 project administration and handing / taking over list would be prepared and forwarded by contractor to Project Authorities. If any claim occurs on part of project administration due to non fulfillment of the above prerequisite then the contractor would be responsible for all compensation.

Signature: _____

dated: _____





VOLUME - III

**EXTERNAL DEVELOPMENT & EXTERNAL
SERVICES**



[Handwritten signature]

**DHQ
HOSPITAL
DADU**





External Development & External Services.

At D.H.Q. Hospital, Dacca.

BILL OF QUANTITY

SUMMARY

Total Construction of Boundary Wall.	Rs.	16,370,384/-
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Total Construction of Parking Shed.	Rs.	3,158,632/-
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Total Construction of Under Ground Water Tank.	Rs.	5,904,504/-
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Total Land Scaping & External Development.	Rs.	36,833,958 ³ / ₂
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Total External Plumbing Works.	Rs.	15,837,845 ¹ / ₂
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Total External Electrical Works.	Rs.	43,252,517 ¹ / ₂
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Grand Total	Rs.	124,904,531 ¹ / ₂₄
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Total in Words: *One hundred twenty one million three hundred fifty seven thousand eight hundred seventy two only*

Signature:
dated: *21/1/13*

Stamp:

Less: 12% Rebate all B.O.O. items.

BID Amount: *118,930,718/-*
109,915,994¹/₅₃



Handwritten calculations and signatures:
7-1498854471
145,629,94
24,277,571/-
Various signatures and scribbles



COMPONENT - I

**CONSTRUCTION OF
BOUNDARY WALL.**



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**DHQ
HOSPITAL
DADU**



Construction of Boundary Wall.
At D.H.Q. Hospital, Dadu.
BILL OF QUANTITY

SUMMARY

Total (Part-A) Civil Work	Rs.	16370384/2
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Total in Words: _____

Signature: _____

dated: _____





Construction of Boundary Wall.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
1	CIVIL WORK					
1	EARTHWORK					
1.1	EXCAVATION Excavation for foundation in all kinds of soils, dry or wet, hard or soft, up to 7'-0" from Natural Ground Level (N.G.L.) including all operation of site clearing, complete with breaking clods, levelling, dressing, dewatering, shoring & compacting including lifting, shifting or disposing of surplus earth outside premises or as per instructions of Consultant / Engineer In-charge.	50130	Cu.ft.	6		300,780/=
1.2	BACKFILLING Filling excavated earth in plinth and under floors i/c breaking clods, dressing, watering and consolidating by ramming in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	38743	Cu.ft.	5		193,715/=
2	PLAIN CONCRETE Providing and laying Plain Cement Concrete where required using approved quality 3/4" max size graded crushed aggregate or stone with approved quality local river sand i/c all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge. (SR cement should be used for all sub structure works)					
2.1	4" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation & Situ.	5114	Cu.ft.	162		828,468/=
2.2	PCC 1:3:6 (1 cement 3 sand and 6 coarse aggregate) Cast in Situ.	2951	Cu.ft.	216		637,416/=
3	DAMP PROOF COURSE Providing and laying 2" thick 1:11/2:3 (1 cement 11/2 sand & 3 coarse aggregate) DPC under walls and entrance over Tie Beam using pudio as per manufacturers instructions with 2 Coats of Hot Bitumen 10/20 at 1.64 kg per sqm complete as per drawing, specification and as per instructions of Engineer In-charge.	3935	R.ft.	73		287,255/=





Construction of Boundary Wall.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
4	WATER PROOFING Providing, laying and applying hot bitumen to the vertical surfaces of the columns and the walls in foundation & plinth in two layers with 10/20 at 1.64 kg per sqm, applied hot over the completely dry surfaces of the concrete works, after the curing period is over, complete as per drawings, specifications and as per instructions of Engineer In-charge.	60892	Sq.ft.	15		913380/-
5	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of specified strength using approved quality 3/4" max. size and down gauge graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete but excluding the cost of steel (SR cement should be used for all sub structure works).					
5.1	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) footing (isolated/combined)	6209	Cu.ft.	248		1,539,832/-
5.2	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate) Column Stem upto Plinth Beam	1292	Cu.ft.	287		370,804/-
5.3	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) in Plinth Beams.	5010	Cu.ft.	253		1,267,530/-
5.4	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate) in Super Structure Columns of Boundary Wall	2484	Cu.ft.	293		727,812/-
5.5	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) PCC Coping of Boundary Wall	386	Cu.ft.	248		95,728/-
6	STEEL REINFORCEMENT Providing fabricating and laying hard grade ribbed deformed (min yield point 60,000 psi) steel reinforcement bars including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawings, placing in position on cement concrete 1:2:4 precast spacer block or m.s chairs, tying with binding wire (GI wire of 18 gauge), including cost of chairs and wires etc. in all kinds of RCC works.					
6.1	Deformed Steel (Grade 60)	38.50	Tons	126000		4851000





Construction of Boundary Wall.

At D.H.Q. Hospital, Dadu.

ENGINEER'S ESTIMATE

(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
7	BRICK MASONRY					
7.1	Providing and laying brick masonry with good quality 1st class burnt bricks (Face Bricks) (origin from Local T.M. Khan) in 1:4 (1 cement 4 sand) including fixing of wall ties (b/w RCC & Brick Masonry Joints)(3/8"ØBar at every 3rd course of masonry) (inclusive of cost of steel) including pointing on both sides of the boundary wall complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.					
	Ground Floor:	8628	Cu.ft.	250		2,157,000/-
8	PLASTER					
	Providing & applying smooth 3/4" th plaster to Tie Beam, columns of boundary wall, Gate Columns, Coping & Design Portion of Boundary Wall with 1:4 (1 cement 4 sand) ratio, i/c all corners, recesses, jambs and racking out joints complete as per drawings, specifications and as per instructions of Consultant.(SR cement should be used for plaster works).					
8.1	External Plaster	26808	Sq.ft.	30		804,240
9	PAINTS					
9.1	Providing & applying weather shield paint over the Plinth Beam, columns of boundary wall, Gate Columns & Coping on both side i/c. filling, rubbing, smoothing with sand paper. Applying three coats of dulux (ICI) or Berger of approved shade & colour complete as per drawings, specifications and as per instructions of Consultant.	26808	Sq.ft.	28		750,624 ✓(12)





Construction of Boundary Wall.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
10 10.1	MS DOOR Providing and fixing MS Door complete with Spikes, Handles, Aldrops and all accessories comprising of MS angle iron and MS Sheet (@ 3 Kg per S.ft.) including applying primer coat of red oxide and three coats of dulux (ICI) or Berger Enamel Paint of approved shade and colour complete as per drawings, specifications and instructions of Engineer/Consultant (Shop drawings shall be provided for the approval of Engineer/Consultant)	806	Sq.ft.	800		644800/=
Total (Part-I) Civil Work				Rs.		16,370,384/=

Say Rs. 16,370,384/=

Signature: 

dated: 21/1/13


PROJECT DIRECTOR
REHABILITATION
SLVM





COMPONENT - II

CONSTRUCTION OF PARKING SHED.



**DHQ
HOSPITAL
DADU**





Construction of Parking Shed.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
1	CIVIL WORK					
1	EARTHWORK					
1.1	EXCAVATION Excavation for foundation in all kinds of soils, dry or wet, hard or soft, up to 7'-0" from Natural Ground Level (N.G.L) including all operation of site clearing, complete with breaking clods, levelling, dressing, dewatering, shoring & compacting including lifting, shifting or disposing of surplus earth outside premises or as per instructions of Consultant / Engineer In-charge.	378	Cu.ft.	6		2,268/-
1.2	BACKFILLING Filling excavated earth in plinth and under floors i/c breaking clods, dressing, watering and consolidating by ramming in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	96	Cu.ft.	5		480/-
1.3	EARTH FILLING Filling earth obtained from outside source (as per approved AASHTO Standard) and filling the same in foundation and under floors i/c breaking clods, dressing, watering and consolidating with mechanical means by compacter or roller in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	10000	Cu.ft.	9		90,000/-
1.4	STONE SOLING 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.	5000	Sq.ft.	65		325,000/-



PROJECT DIRECTOR
REHABILITATION & MAINTENANCE
SINDH





Construction of Parking Shed.

At D.H.Q. Hospital, Dadu.

ENGINEER'S ESTIMATE

(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
2	PLAIN CONCRETE Providing and laying Plain Cement Concrete where required using approved quality 3/4" max size graded crushed aggregate or stone with approved quality local river sand i/c all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer in-charge. (SR cement should be used for all sub structure works)					
2.1	6" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation.	63	Cu.ft.	162/=		10,206/= ✓
3	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of specified strength using approved quality 3/4" max. size and down gauge graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete but excluding the cost of steel (SR cement should be used for all sub structure works).					
3.1	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) footing (isolated)	218	Cu.ft.	248		54064/= ✓
4	STEEL (BASE PLATE & REINFORCEMENT) Providing fabricating and fixing of 6mm thick MS plate (Size 9" x 9") in foundation of MS Columns of Parking Shed including Cross Bars with welding E70XX Electrodes including the cost of straightening, cutting, bending, binding, wastage and placing in position on cement concrete 1:2:4 complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer in-charge.					
4.1	6 mm thick (MS Plate)	0.150	Tons	120,000		18,000/= ✓
4.2	Deformed Steel (Grade 60)	0.029	Tons	126,000		3,654/= ✓
5	FLOORING					
5.1	3" thick CC 1:3:6 (1 cement 3 sand and 6 coarse aggregate) under flooring	5000	Sq.ft.	56		280,000/= ✓





Construction of Parking Shed.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
5.2	Providing & laying 4" thick RCC Flooring comprising of (4" th. RCC 1:2:4 Flooring with nominal steel 3/8"Ø @12"c/c (Trowel finished leveled surface in panels not more than 30 Sft.) (over already laid subfloor) Reinforced cement concrete of specified strength using approved quality 3/4" max. size graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete (but excluding the cost of steel) in all respect as per drawings, specifications and as per instructions of Engineer In-charge.	5000	Sq.ft.	175		875,000 ✓
6	SHED					
6.1	Providing & Fixing Toughlight high Impact Polycarbonate sheet 6mm thick Hollow Sheet (Make Toughlight Sheet by Protector / Fibre Tech or equivalent approved by Consultant) of approved shade / colour including its fitting, Fixtures & water proof Seals on joints as per approved design & pattern with MS Frame comprising of MS Sq. Pipe as column / vertical support and MS Sq. Pipe frame incl truses complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge. (Shop drawings shall be provided for the approval of Engineer/Consultant)	5000	Sq.ft.	300		1,500,000 ✓
Total Civil Work				Rs.		3158632 ✓

Say Rs. 3158672 ✓

3158633 ✓

Signature:

dated: _____

PROJECT OFFICE
REHAB/DHQ & HOSPITALS
Sindh





COMPONENT - III

**CONSTRUCTION OF UNDER GROUND
WATER TANK.**



DHQ
HOSPITAL
DADU





Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Dadu.

BILL OF QUANTITY

SUMMARY

Total (Part-A) Civil Work	Rs.	59,04,504/-
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Total in Words: ()

Signature:

dated:

21/1/13





Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Dadu.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
1	UNDER GROUND WATER TANK					
1	EARTH WORKS Excavation in foundation in all kinds of soils, dry or wet, hard or soft, upto 11-0" depth with dewatering and carting surplus upto 2km from site, including levelling of the bottom surface and dressing sides of pit / trenches, complete with back filling the excavated earth in foundations in 6" thick layers including watering levelling, dressing, ramming and also removing of boulders, stones etc upto required levels and slopes complete as per drawings / specifications and as per instruction of the Consultant/Engineer Incharge.	25252	Cu.ft.	11		277,772 1/2
2	STONE SOLING Providing and laying stone soling (6" thick) of approved quality including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means by compaction equipment, complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	2020	Sq.ft.	65		131,300 1/2
3	PLAIN CEMENT CONCRETE Providing and laying Plain Cement Concrete (1:4:8) where required using approved quality 3/4" max size graded crushed aggregate with approved quality local river sand 1/c all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.(SR Cement should be used in all works)	1010	Cu.ft.	162		163,620 1/2
4	WATER PROOFING Providing and laying polythene sheet (1 mm thick) over the lean concrete and the vertical surfaces of RCC wall laying with hot two hot coat of bitumen (1st coat of 80/20 and 2nd coat of PB4) over the dry surfaces of the concrete works, after the curing period is over, complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	3974	Sq.ft.	53		2,10,622 1/2



PROJECT SUPERVISOR
D.H.Q. HOSPITAL, DADU





Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Dadu.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
5	STEEL REINFORCEMENT Providing fabricating and laying hard grade ribbed deformed (min yield point 60,000 psi) steel reinforcement bars including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawings, placing in position on cement concrete 1:2:4 precast spacer block or m.s chairs, tying with binding wire (GI wire of 18 guage), including cost of chairs and wires etc. in all kinds of RCC works.					
5.1	Deformed Steel (Grade 60)	20	Tons	126,000		2,520,000/2 ✓
6	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of 1:11/2:3 (3750 psi) strength using approved quality 3/4" max. size graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc and excluding the cost of steel. (SR Cement should be used in all works)					
6.1	U. G. W. Tank Bottom Slab	2874	Cu.ft.	287		824,838/2 ✓
6.2	U. G. W. Tank Columns & Walls	2499	Cu.ft.	325		812,175/2 ✓
6.3	U. G. W. Tank Top Slab	1111	Cu.ft.	295		327,745/2 ✓
7	WATER STOPPER (12" high) (1/2" thick) Providing and fixing PVC Water Stopper 12" high PVC water stopper for safeguarding them from hydro-static pressures and water seepages of approved quality and maintaining proper alignment complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	245	R.ft.	136		33,320/2 ✓
8	PLASTER Providing & applying smooth 3/4" thick to walls columns etc. with 1:4 cement ratio, i/c all corners, recesses, jambs and raking out joints alongwith (pudlo - 2kg per bag of approved quality) complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.					
8.1	Internal Plaster	2898	Sq.ft.	50		144,900/2 ✓



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Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Dadu.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
8.2	External Plaster (Above Ground Level)	201	Sq.ft.	47		9,447/=
9	FLOOR FINISH					
9.1	Providing and laying of finish floor (3" 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.	1666	Sq.ft.	65		108,290/=
9.2	Providing and making roof finishing composed of CC 1:2:4 screed of (min. 2" thick) laid in panels in specified slopes over RCC slab complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	1916	Sq.ft.	45		86,220/=
10	PLINTH PROTECTION Plinth protection all around tank including the cost of levelling, dressing and compacting surface, providing and laying 4" thick stone soling & 3" thick 1:2:4 (1 cement 2 sand & 4 coarse aggregate) over stone soling in panels and specified slopes as shown on drawing and complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	713	Sq.ft.	135		96,255/=
11	MANHOLE COVER Supply and Fix Manhole cast iron cover with frame (24" x 24") (Make CMP) with frame rectangular set in cement mortar and fixing in tank slab in concrete complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	Nos.	5000		10,000/=
12	MONKEY LADDER Providing and fixing 1" dia G.I. Pipe monkey ladder with 8 steps complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	Nos.	2000		4000/=
13	VENT PIPES (Cast iron 4" dia) Providing and fixing Vent pipes (Cast iron 4" dia) as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	6	Nos.	10,000		60,000/=

PROJECT DIRECTOR
D.H.Q. & HOSPITAL
SINDH



Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Dadu.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
14	LEVELING PIPES (Galvanized Iron 4" dia) Providing and fixing Leveling pipes (G.I. 4" dia) as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	4	Nos.	20,000		80,000/-
15	INLET & OUTLET CONNECTIONS Providing and fixing inlet and outlet connections as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	L.S.	2000		4,000/-
Total (Part-I) Under Ground Water Tank				Rs.		5,904,504/-

Say Rs. 5,904,504/-

Signature: 

dated: 21/1/13


PROJECT DIRECTOR
REHAB.DHQ & M.HOSPITAL
DADU





LAND SCAPING & EXTERNAL DEVELOPMENT

At D.H.Q. Hospital, DADU.

BILL OF QUANTITIES

SUMMARY

Total Land Scaping & External Development Work	Rs.	36833953/20
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Total (In Millions)	Rs.	
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Jm
PROJECT DIRECTOR
REHAB-DHQ & DHC HOSPITALS
SINDH

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EXTERNAL DEVELOPMENT

DISTRICT HEAD QUARTER HOSITAL AT DADU

BILL OF QUANTITY

Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
1	LANDSCAPING & EXTERNAL DEVELOPMENT EARTHFILLING Filling earth obtained from outside source and filling the same in Dipression area where ever required i/c breaking clods, dressing, watering and consolidating with mechanical means by compacter or roller in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions and approval of Consultant / Engineer In-charge.	252726	Cu.ft.	9		2,274,534/- ✓
2	KERBSTONE Providing and Fixing CC 1:2:4 Precast Kerbstone (12"x6"x18") (Make Envicrete or as per instruction of consultant) fixing with 1:3 cement sand mortar complete in all respects, that includes excavation / filling where ever required in all type of soils, dry or wet, hard or soft, up to required depth as per drawing and specification and or as directed by Consultant / Engineer In-charge	6040	Rft	185		1,117,400/- ✓
3	PAVERS Providing and Fixing CC 1:2:4 Pavers City & Quadra (60mm thick) (Make Envicrete) fixing with 2" thick sand cushioning complete as per drawing and specification including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means and or as directed by Consultant / Engineer In-charge	9894	Sqft	120		1,187,280/- ✓
4.0	FOOTPATH					
4.1	STONE SOLING 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.	14810	Sq.ft	65		962,650/- ✓
4.2	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 or as per instructions of Consultant / Engineer In-charge.	4887	Cu.ft	85		415,395/- ✓



EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL AT DADU						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
5	LANDSCAPING Providing and laying Sweet earth filling up to 1'-0" depth with manure and remaining part average 2'-0" with imported earth as appproved by consultant and also providing grass with plants as per drawing and specification or as approved / directed by Consultant / Engineer In-charge	21954.45	Sqft	9		197,586/-
6.0	ROAD					
6.1	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.	89828.03	Cft	10		898,280/-
6.2	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.	485619.75	Cft	12		5,827,437/-
6.3	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 quarryin 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/cs all cost of material T&P and carriage upto site of work (3 chain)	80936.63	Cuft	55		4,451,515/-



PROJECT DIRECTOR
REHAB:DHQ & HQ HOSPITALS
SINGH



EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL AT DADU						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
6.4	BASE COURSE 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 etSc as directed) rate includes all cost of material T&P labours and carriage upto site of work (3chain)	80936.63	Sft	60		4,856,198/- ✓
6.7	FIRST COAT SURFACE TREATMENT Providing surface dressing first coat 4% thick 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)	154165.00	Sft	15		2,312,475/- ✓
6.8	2" THICK CARPET providing 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 proportions including heating material and cleaning the road surface (rates includes all the cost of material , labor, T&P and carriage upto site of work.)	154165.00	Sft	80		12,333,200/- ✓
Amount in Rupees						36,833,952/-

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PROJECT DIRECTOR
REHAB-DEG A 100 RUSPT-3
DADU





LAND SCAPING & EXTERNAL DEVELOPMENT

At D.H.Q. Hospital, DADU.

BILL OF QUANTITIES

SUMMARY

Total Land Scaping & External Development Work	Rs.	
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Total (In Millions)	Rs.	
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COMPONENT - V

EXTERNAL PLUMBING WORKS.



**DHQ
HOSPITAL
DADU**

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
SUMMARY

BOQ (EXTERNAL PLUMBING WORKS)		
S.NO.	DESCRIPTION	AMOUNT (Rs.)
A	WATER SUPPLY & IRRIGATION SYSTEM	3,813,600/-
B	SEWERAGE, SOAK PITS & SEPTIC TANK	8,680,800/-
C	STORM WATER DRAINAGE	1,843,445/-
TOTAL		14,337,845/-
D	WATER FILTRATION PLANT	1,500,000/-
GRAND TOTAL		15,837,845/-



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PROJECT DIRECTOR
REHAB-DHQ & CHQ HOSPITALS
SINDH



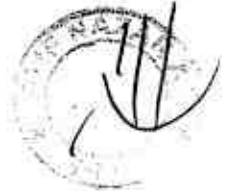
Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
A	WATER SUPPLY PIPING 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 excess 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. size 25 mm dia. Complete all as per specified in DIN 8074 & ISO No. 4427.				
1	do but 32mm dia	Mtr	10	115	1150/-
	do but 40mm dia	Mtr	12	145	1740/-
	do but 50mm dia	Mtr	15	192	2880/-
	do but 63mm dia	Mtr	125	270	33750/-
	do but 75mm dia	Mtr	487	390	189930/-
	do but 90mm dia	Mtr	335	530	177550/-
	do but 110mm dia	Mtr	135	730	98550/-
			50	1095	54750/-
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	4" dia G.I. Pipe	Mtr	6	100	600
ii	6" dia G.I. Pipe	Mtr	6	100	600



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PROJECT DIRECTOR
MUHAMMAD HASNI BUILDERS
SINDH



Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

BOQ					
(EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
3	GATE VALVE (GUN METAL)				
i	1" dia Heavy Pattern	Nos.	1	600	600 ✓
ii	1-1/4" dia Heavy Pattern	Nos.	1	800	800 ✓
iii	1-1/2" dia Heavy Pattern	Nos.	1	1450	1450 ✓
iv	2" dia Heavy Pattern	Nos.	3	1680	5040 ✓
v	2-1/2" dia Heavy Pattern	Nos.	16	1810	28960 ✓
vi	3" dia Heavy Pattern	Nos.	5	2500	12500 ✓
vii	4" dia Heavy Pattern	Nos.	2	3800	7600 ✓
4	VALVE CHAMBER				
i	Providing chamber 2'-0" x 2'-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" (1152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all inside 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.	21	20,000	420,000 ✓
ii	Providing chamber 4'-0" x 4'-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" (1152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all inside 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.	3	30,000	90,000 ✓
5	BOOSTING PUMPS FOR WATER SUPPLY 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 Max Flow: 22m ³ /hr Max Head 47m, 3 phase, 380 V, (appx. 7.5 hp)	Nos.	5	200,000	1,000,000 ✓
SUB TOTAL				Rs.	



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Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

S.NO.		DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
BOQ						
(EXTERNAL PLUMBING WORKS)						
6	IRRIGATION PIPING Providing, laying, jointing and testing P.E. 80 PN 8 pipe and fittings for irrigation with fusion jointing along with all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.					
i	20mm dia	Mtr	10	99	990/-	
ii	25mm dia	Mtr	875	115	100,625/-	
iii	32mm dia	Mtr	305	145	44,225/-	
iv	40mm dia	Mtr	420	192	80,640/-	
v	50mm dia	Mtr	232	270	62,640/-	
7	Complete assembly of sprinkler including excavation, riser, swing assembly, check valve and all accessories required to complete system ready to operate as per specification, drawings & instruction of Consultant.		Nos.	58	20,000	1,160,000/-
8	HANDLE VALVES FOR CONTROLLING SPRINKLERS Complete assembly of sprinkler control valve as per working details					
i	3/4" dia	Nos.	1	375	375/-	
ii	1" dia	Nos.	1	425	425/-	
iii	1-1/4" dia	Nos.	1	650	650/-	
iv	1-1/2" dia	Nos.	3	1310	3930/-	
v	2" dia	Nos.	2	1625	3250/-	
9	HANDLE VALVES FOR HOSE CONNECTION Complete assembly of Rubber Hose connection with nozzle, valve as per working details					
i	3/4" dia	Nos.	6	400	2400/-	
ii	1" dia	Nos.	50	500	25,000/-	



PROJECT

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
10	VALVE CHAMBER Providing chamber 4'-0" x 4'-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" (1152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all inside 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.	2	30,000	60,000/2 ✓
11	BOOSTING PUMPS FOR IRRIGATION 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 along with water proof shades as per specifications, drawing, conditions and instruction of the consultant.	Nos.	2	70,000	140,000/2 ✓
	Max Flow: 10m ³ /hr Max Head 22m, phase, 380 V. (appx. 2 hp)	3			
SUB TOTAL				Rs.	
GRAND TOTAL				Rs.	381360/2 ✓
<p>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</p>					



PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
SEWERAGE SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
B	SEWERAGE PIPE				
1	Providing uPVC pipes of class B equivalent make fixing in trench including cutting fitting and jointing with z joint with one rubber ring, i.e. Testing with water to head of 61 m or 200 ft.				
	i. 110 mm dia pipe	Mtr	262	675	176,850
	ii. 150 mm dia pipe	Mtr	433	1650	714,450
	iii. 200 mm dia pipe	Mtr	440	2150	946,000
	iv. 250 mm dia pipe	Mtr	190	3950	750,500
	v. 300 mm dia pipe	Mtr	5	5100	25,500
	vi. 350 mm dia pipe	Mtr	6	6500	32,500
	vii. 400 mm dia pipe	Mtr	5	7000	30,500
					30,500
					35,000
2	MANHOLES 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 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) (if required), C.C. duly painted etc. complete as per specification and drawing				
	2' x 2' x 3'-6"	Nos.	32	20,000	640,000
	Deduct from the above cost at the rate of Rs. 500 per foot depth where the depth of manhole is less than 3'-6"				



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Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
SEWERAGE SYSTEM


BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
3	Construction of manhole or inspection chamber of 3'-4' manhole inner dia or as specified dimensions in working dwgs up to 7'-6" depth with walls of precast reinforced concrete ring sections of the specified inside diameter and a minimum wall thickness of six (6) inches, with eccentric cone on the top, including fixing C.I. manhole cover with frame of clear opening 2' dia (approx 4.5 Cwt) embedded in grade ring with all necessary fittings and filling of joints/ grouting, 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. with all necessities, ready to complete the job as per specifications, working drawings and instructions of consultant				
	3'-4' dia x 7'-6"	Nos.	4	30,000	120,000
	Deduct from the above cost at the rate of Rs. 1500 per foot depth where the depth of manhole is less than 7'-6"				
4	Soak pit or Seepage Pit of 12' ϕ x 9' depth, with 6" Thick Layer of 2"-3" Gravel around Concrete Block Laid Flat with open Joints as shown in detail				
		Job	1	40,000	40,000
5	SEPTIC TANK				
	Construction of Septic Tank (70,000 gal. cap.) including partitions complete package in all respect.	Job	1	3,500,000	3,500,000



Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
SEWERAGE SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
6	WASTE WATER PUMP Supply and fixing equipment and ancillaries Waste Water Pump,Stainless Steel Impeller, Bearings & Shaft, base plate, electrical power cord ,control panel and all necessary accessories including valves, pipes, fittings, speed meter etc also excavation, back filling and disposal of surplus earth etc along with electric start for diesel engine, oil meter, water tank, oil tank and battery complete in all respect to complete the job				
i	Electrical Submersible Sludge Pump, min Flow: 20m ³ /hr min Head 10m,	Nos.	3	300,000	900,000
ii	Diesel Engine Sludge Pump (self priming),min Flow: 40m ³ /hr min Head 10m,	Nos.	1	800,000	800,000
SUB TOTAL				Rs.	8630,000/-

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


PROJECT DIRECTOR
ARRAB.DHQ DADU HOSPITAL







Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
STORM WATER DRAINAGE

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
C	STORM WATER DRAINAGE				
1	RAIN WATER GRATING Providing and fixing of Bar grating of 1/2" square solid steel bar having bearing bar spacing 2" C.C. & cross bars spacing 4" C.C. For rain water catchment, accessible for maintenance; of the following widths as shown in working drawing.				
	i. 150 mm wide grating	Mtr	332	700	232400
	ii. 200 mm wide grating	Mtr	157	935	146795
	iii. 300 mm wide grating	Mtr	62	1400	86800
	iv. 450 mm wide grating	Mtr	48	2500	120000
	v. 600 mm wide grating	Mtr	10	3500	35000
2	STORM WATER PIPES Providing uPVC pipes of class B equivalent make fixing in trench including cutting fitting and 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	25	670	16750
	ii. 200 mm dia pipe	Mtr	5	700	3500
	iii. 250 mm dia pipe	Mtr	4	800	3200
	iv. 300 mm dia pipe	Mtr	5	900	4500
	v. 350 mm dia pipe	Mtr	8	1000	8000
	vi. 400 mm dia pipe	Mtr	3	1200	3600
3	RAIN WATER INLETS				
i	Construction OF storm water chamber with flat type inlet grating capable of being moved for inspection purpose as per working drawing 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 of grating mentioned above, embedded in plain C.C. 1:2:4 complete as per specification and drawing	Nos.	11	3000	33000
ii	Construction storm water curb inlet as specified in working drawings 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 of grating mentioned above, embedded in plain C.C. 1:2:4 complete as per specification and drawing	Nos.	13	10000	130000



Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
STORM WATER DRAINAGE

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
4	CONSTRUCTION OF RCC RAIN WATER CHANNEL Construction of R.C.C Rain Water Channel to bear the load of grating & vehicles, permitting rain water to travel in the channel as shown in working drawing including providing and laying of RCC (1:4:8) using crush stone with round bars, with SR cement, solid block of cement concrete (1:2:4) using crushed stone, as specified in working drawing	Mtr	48	2000	96000
5	CONSTRUCTION OF CULVERTS Constn: of culvert according to working drawing including providing and laying of RCC (1:4:8) using crush stone as in slab sills with round bars, with SR cement, solid block of cement concrete (1:2:4) using crushed stone, with round bars as specified in working drawing	Mtr	92	5000	460,000
6	CONSTRUCTION OF RAIN WATER CHANNEL				
i	Providing and laying RCC 1:4:8 using crush stone with SR cement all as spd.	cum	44	500	22,000
ii	Providing and laying PCC 1:2:4 using crush stone with SR cement all as spd.	cum	26	300	7800.
iii	Providing and laying of block masonry walls 6" thick as shown in working drawing and RCC 1:2:4 using crush stone as in slab sills with round bars, using deform bar grade 40 including cutting, bending, binding and placing reinforcement in position, precast drainage cover copings, channels, RCC/PCC jali, jointing and pointing as spd.	cum	70	6000	420,000



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Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
STORM WATER DRAINAGE

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
7	SUCTION PUMPS Supply and fixing equipment and ancillaries Suction Pump (Positive Displacement Pump) Stainless Steel body 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 as per specifications, drawing, conditions and instruction of the consultant.				
1	Suction Pump Capacity: 1.5m ³ /hr Max Head 8m, single phase, 220 V, (appx. 1 hp)	Nos.	1	14100	14100.
SUB TOTAL					14,337,845/-

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

1843495/5

For

PROJECT DIRECTOR
 DHQ DADU HOSPITAL
 Sindh

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Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
WATER FILTRATION PLANT

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
1	WATER FILTRATION PLANT Supply, installation, testing and commissioning of Water Filtration Plant for potable water having 12,000 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	1,500,000	1,500,000
SUB TOTAL				Rs.	1,500,000

Jr
 PROJECT MANAGER
 REHAB:DHQ & HQ HOSPITALS
 SINDH

[Signature]
 MUHAMMAD HASNI BUILDERS
 Karachi





COMPONENT - VI

EXTERNAL ELECTRICAL WORKS



**DHQ
HOSPITAL
DADU**

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
SUMMARY

		BOQ
		(EXTERNAL ELECTRICAL WORKS)
S.NO.	DESCRIPTION	AMOUNT (Rs.)
		19727210/-
1	Electrical Power Distribution	19456310/-
		19136781/-
2	Communication System	17250182
		42799921/-
3	External Illumination	35339402
		89783401/-
4	HT Cable & Transformer	66372492
		348992201/-
	Total	313525171/-
5	Generator	11900000/-
	G.Total	482525171/-

46799220/-





PROJECT DIRECTOR
REHAB. DHQ
SINAH



Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION: A					
1	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES				
	Providing, Laying and Testing of Following sizes single core / multicore PVC insulated and PVC sheated, armoured / unarmoured 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 4 Sq.mm PVC	Mtr.	120	325	39000
b	4 core 6 Sq.mm PVC	Mtr.	230	463	106490
c	4 core 10 Sq.mm PVC	Mtr.	38	750	28500
d	4 core 16 Sq.mm PVC	Mtr.	24	1020	24480
e	4 core 25 Sq.mm PVC	Mtr.	295	1548	456660
f	4 core 35sq.mm PVC	Mtr.	172	2129	366188
g	4 core 50sq.mm PVC	Mtr.	900	2878	2590200
h	4 core 70sq.mm PVC	Mtr.	585	4120	2410200
j	4 core 95sq.mm PVC	Mtr.	1428	2000	2856000
k	1 core 2.5 Sq.mm PVC E.C.C	Mtr.	120	45	5400
l	1 core 4 Sq.mm PVC E.C.C	Mtr.	230	68	15640
m	1 core 6 Sq.mm PVC E.C.C	Mtr.	38	101	3838
n	1 core 10 Sq.mm PVC E.C.C	Mtr.	118	168	19824
p	1 core 16 Sq.mm PVC E.C.C	Mtr.	121	245	29645
q	1 core 25 Sq.mm PVC E.C.C	Mtr.	356	386	137416
r	1 core 35 Sq.mm PVC E.C.C	Mtr.	356	536	190816
s	1 core 50 Sq.mm PVC E.C.C	Mtr.	105	727	76335
t	1 core 70sq.mm PVC E.C.C	Mtr.	467	1031	481477
u	1 core 95sq.mm PVC E.C.C	Mtr.	136	1361	185096
				Total	100

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PROJECT DIRECTOR
 DHQ DADU HOSPITAL

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
2	CONDUITS & PIPES				
	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.				
a	100mm dia	Mtr.	2500	800	2,000,000
b	150mm dia	Mtr.	12	1720	20,640
3	CHAMBERS WITH C.I COVER				
	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	1200mm x 1200mm x 1200 mm	Each	4	30050	120,200
b	900 mm x 900 mm x 900 mm	Each	9	25025	225,225
c	750 mm x 750 mm x 750 mm	Each	20	15050	301,000
d	600 mm x 600 mm x 600 mm	Each	26	10040	261,040
				Total	7,888,105

V.P.O.



[Signature]
 PROJECT SUPERVISOR
 REHAB/DHQ & HOSPITALS
 SINDH

Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ DADU HOSPITAL
 ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION: B					
1	L.T DISTRIBUTION BOARDS				
	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	MLTP-1/S1	Nos.	1	1,000,000	1,000,000
b	MLTP-1/S2	Nos.	1	2,000,000	2,000,000
c	MLTP-1/S3	Nos.	1	623,600	623,600
d	DP-1/S1	Nos.	1	158,700	158,700
e	DP-1a/S1	Nos.	1	163,900	163,900
f	DP-3/S1	Nos.	1	163,900	163,900
g	DP-3a/S1	Nos.	1	163,900	163,900
h	DP-EL Room-1	Nos.	1	417,700	417,700
j	DP-EL Room-2	Nos.	1	597,900	597,900
k	DP-Emergency EL Room-1	Nos.	1	63,200	63,200
l	DP-Emergency EL Room-2	Nos.	1	99,500	99,500
m	DB- Pump Room	Nos.	1	54,500	54,500
n	DP-1/S3	Nos.	1	117,800	117,800
p	DP-2/S3	Nos.	1	121,000	121,000
q	DB- Sludge Pump	Nos.	1	54,900	54,900
				Total	






Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ DADU HOSPITAL
 ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION :C					
1	EARTHING SYSTEMS				
	Providing and Installation of the following				
a	Providing & fixing of earthing set with 2"x2"x1/4" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (with salt and charcoal, or earthing chemical powder) etc making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) i/c fixing of 8 SWG copper wire in 1/2" G.I conduit with earth connecting point with all necessary accessories complete in all respect as required.	Nos	7	50,000	350,000
b	Rod type earth electrode including earthing lead, inspection chamber and all accessories.	Nos	14	45100	631,400
				Total	981,400
				G.TOTAL	19,456,310/-

19727210/-





 PROJECT DIRECTOR
 REHAB:DHQ & HQ HOSPITALS
 SINDH


Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
COMMUNICATION SYSTEM

BOQ					
COMMUNICATION SYSTEM					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION -A					
1	Providing, Installation and wiring from telephone Exchange upto telephone Cabinets and telephone Cabinets to telephone Cabinets. Complete in all respects as per Drawing.				
a	10 Pair cable				
b	12 Pair cable	Mtr.	64	420.	26880 ✓
c	15 pair cable	Mtr.	55	470.	25850 ✓
d	25 Pair cable	Mtr.	61	534	32574 ✓
e	30 Pair cable	Mtr.	113	666	75258 ✓
f	40 Pair cable	Mtr.	104	130	13520 ✓
g	50 Pair cable	Mtr.	107	866	92662 ✓
		Mtr.	235	1265	247275 ✓
				Total	501120 ✓
2	Providing, Installation wiring for Telephone lines from Telephone Cabinet upto T.J.B (Electrical Room). Complete in all Respects as per Drawing.				
a	2 Pair cable				
b	5 Pair cable	Mtr.	183	32	5856 ✓
c	8 Pair cable	Mtr.	10	100	1000 ✓
d	10 Pair cable	Mtr.	76	200	15200 ✓
e	12 Pair cable	Mtr.	110	400	44000 ✓
f	20 Pair cable	Mtr.	280	467	130760 ✓
		Mtr.	308	501	154708 ✓
				Total	251120 ✓






Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
COMMUNICATION SYSTEM

BOQ					
COMMUNICATION SYSTEM					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION -B					
1	Telephone Cabinet Floor Standing Type:				
a	MS Telephone Cabinet of 80 Pairs	Nos	2	18000	36000/2
b	MS Telephone Cabinet of 70 Pairs	Nos	1	17100	17100
c	MS Telephone Cabinet of 60 Pairs	Nos	1	16050	16050
d	MS Telephone Cabinet of 50 Pairs	Nos	1	14040	14040
e	MS Telephone Cabinet of 20 Pairs	Nos	2	10020	20040
				Total	103230
SECTION -C					
1	CONDUITS & PIPES				
Providing and Laying of following sizes (internal diameter of underground class 'E' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.					
a	100mm dia	Mtr.	10	1820	18200
b	75mm dia	Mtr.	217	10	2170
c	50mm dia	Mtr.	292	235	68620
d	40mm dia	Mtr.	10	225	2250
e	32mm dia	Mtr.	93	215	19995
f	25mm dia	Mtr.	440	203	89320
				Total	208555
2	Communication Cable Chambers				
Providing and 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	750mm x 750 mm x 750 mm	Each	5	2500	12500
b	500mm x 500 mm x 500 mm	Each	19	15700	286900
c	400mm x 400 mm x 400 mm	Each	28	10100	282800
				Total	694700
G.TOTAL					1725018

1913678/







 PROJECT MANAGER
 DHQ DADU HOSPITAL

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
EXTERNAL ILLUMINATION

BOQ					
EXTERNAL ILLUMINATION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION-A					
1	Poles & Light Fixtures				
	Following pole are required for Street lighting with ligh fixtures.				
a	Providing and installation of Single Pole Of (19.88ft) 6m Height with Two lighting fixture Philips model no. Greenvision Flexi BRP310 LED77/CW 95W 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	10	65000	650,000
b	Providing and installation of Single pole Of (19.88ft) 6m Height with One lighting fixture Philips model no. Greenvision Flexi BRP310 LED46/CW 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	5	45000	225,000
c	Providing and installation of Single pole of (13 ft) 4m Height with One lighting fixture clamped on External Boundary wall Philips model no. Greenvision Flexi BRP310 LED46/CW 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	11	45000	495,000
d	Providing and installation of Single pole Of (6.56ft) 2m Height with One lighting fixture for Lawn Lights. Philips model no. Philips Metronomis Torino CDS530 C 1XCDM-T70W 220V. Complete in all Respects as per Drawing.	Nos	68	10,000	680,000
e	Providing and installation of Single pole Of (1.6ft) 1/2m Height with One lighting fixture for Walking Or Footpath Lights. Philips model no. Philips Metronomis Torino CDS530 C 1XCDM-T70W 220V. Complete in all Respects as per Drawing.	Nos	77	10,000	77,000
2	WIRING AND CABLING				
a	3 Core 2.5 sqmm	Mtr.	2,137	164.20	350,895
b	3 Core 4 sqmm	Mtr.	562	243.10	136,622
c	3 Core 6 sqmm	Mtr.	167	353	58,951
				TOTAL	336,469




Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ DADU HOSPITAL
 HT CABLE & TRANSFORMER

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION: A					
1	POWER TRANSFORMER WITH HT BREAKER				
	Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed, naturally cooled, step down 11000/400/230 volts 50 cycles all allied necessary accessories etc., complete in all respect.				
a	150KVA	Nos.	1	400,000	400,000
	Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step down 11000/400/230 volts 50 cycles & all allied necessary accessories etc., complete in all respect.				
b	750KVA	Nos.	1	1,400,000	1,400,000
c	1500KVA	Nos.	1	2,000,000	2,000,000
d	Providing and fixing HT 11 KV panels and disc isolators for all above transformers, floor mounting panels. Complete with selector switches indicating lamps sheet steel cubical factory assembled and duly wired, protection with all allied necessary accessories etc., complete in all respect.	Job	1	2,700,000	2,700,000
				Total	6,500,000
SECTION: B					
1	HT CABLES				
a	HT electric cable 11kV stranded copper conductor, XLPE insulated, extruded, PVC bedded, steel wire armoured and PVC sheathed overall 3 core, 50 mm ² laid in trenches complete with bricks, sand (included cost of excavation), supply and fixing.	Mtr.	585	3958	2315430
b	HT electric cable 11kV stranded copper conductor, XLPE insulated, extruded, PVC bedded, steel wire armoured and PVC sheathed overall 3 core, 35 mm ² laid in trenches complete with bricks, sand (included cost of excavation), supply and fixing.	Mtr.	10	3291	32910
				Total	2348340



Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ DADU HOSPITAL
 HT CABLE & TRANSFORMER

BOQ				
ELECTRICAL POWER DISTRIBUTION				
S.NO.	DESCRIPTION	UNIT	QTY	AMOUNT (Rs.)
SECTION: C				
1	LIGHTNING PROTECTION FOR BUILDING Providing & fixing 1-1/2" x 1/3" thick copper strip with suitable saddle at 12" intervals complete as required			
a	Lightning protection system at Roof of substation	Nos.	1	50,000
b	Lightning protection system for PMT (Pole Mounted Type)	Nos.	1	80,000
			Total	130,000
			G.Total	6637,000/=

8978340/=

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PROJECT DIRECTOR
 REHAB. DEPT. - DHQ HOSPITALS
 Sindh

[Handwritten Signature]




Bill Of Quantities
 ELECTRICAL WORKS EXTERNAL
 HQ DADU HOSPITAL
 DIESEL GENERATOR SETS

BOQ (EXTERNAL ELECTRICAL WORKS)				
S.NO.	DESCRIPTION	UNIT	QTY	AMOUNT (Rs.)
ELECTRICAL				
LOW VOLTAGE DIESEL GEN.SETS				
1	250 KVA standby rating LV D.G Set including skid mounted fuel day tank, 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 work	Nos	2	5,500,000 / 11,000,000
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 netw	Nos	1	500,000 / 500,000
3	Auto mains failer transfer swtich (ATS/AMF) for the above D.G set	Nos	1	400,000 / 400,000
Total				11,900,000/-

[Handwritten Signature]
 PROJECT ENGINEER
 REHAB/D/10
 2011/11/11

[Handwritten Signature]






Government of Sindh
Health Department (Development Wing)

CONTRACT DOCUMENT

VOLUME - III

BILL OF QUANTITY

**External Development & External Services
At D.H.Q. Hospital,
Mirpurkhas, Sindh.**

Project:
Expansion & Improvement of DHQ Hospital in Sindh.

Client:
Health Department

Contractor:
M/s. Pakistan Electric Works.

Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-3 & 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)

CONTRACT DOCUMENT

VOLUME - III

BILL OF QUANTITY

**External Development & External Services
At D.H.Q. Hospital,
Mirpurkhas, Sindh.**

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

**Client:
Health Department**

**Contractor:
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Consultant:

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Consulting Engineers & Architects

A-3 & A-4, SB-14, Sheikh Center, Main University Road, Karachi.

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



ATIF NAZAR ASSOCIATES



Government of Sindh
Health Department (Development Wing)

VOLUME - III

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS,
SINDH

BILL OF QUANTITY

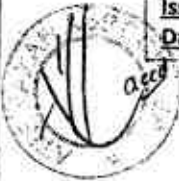
**External Development & External Services
At D.H.Q. Hospital,
MIRPURKHAS, Sindh.**

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

**Client:
Health Department**

Issued to M/s. *Pakistan Electric Works.*

Dated. *1* / *20*



ATIF NAZAR ASSOCIATES

Consultant:

Atif Nazir Associates

Consulting Engineers & Architects

A-3 & A-4, SB-14, Sheikh Center, Main University Road, Karachi.

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

am
10/1/13.



PAKISTAN ELECTRIC WORKS

**APPROVED GOVERNMENT CONTRACTOR
CIVIL & ELECTRICAL WORKS**

308, 3rd Floor,
Frere Business Centre,
Frere Road, Saddar,
Karachi - 74400, Pakistan.
Tel: (+92-21) 32711866
Fax: (+92-21) 32711867
email: pak_electricwork@yahoo.com

PEW/KHI/560/13
Dated 20-01-2013

To,
The project Director,
Rehabilitation of DHQ /THQ hospital
In Sindh.

Subject Submission of Financial Bids of External Development & External Services

R/Sir,

It is therefore submission of Financial Bids of External development & External Services of DHQ hospital Mirpurkhas. The bid amount is Rs. 11,92,15,228/= vide pay order no 0038051

In the Bids we are Giving Rebate and the Rate of Rebate is ^{12.75%} ~~1%~~ of Financial Bids.

We are hopeful and waiting of our results .

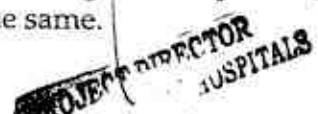
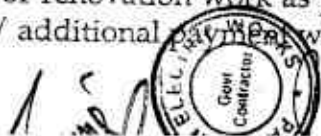
Thanking you,



PREAMBLE TO BILL OF QUANTITIES

External Development & External Services At D.H.Q. Hospital, Mirpurkhas, 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.
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.



PREAMBLE TO BILL OF QUANTITIES

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

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 5th 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 Main hospital Building and allied buildings are under construction therefore modular approach has to be adopted as per the space provided by the Project Authorities, Contractor will not be allowed any claim of escalation due to late possession of area.
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 work; no delay shall occur due to non availability of shuttering / form work.
22. As the current time period is only 12 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.
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 07 days before the scheduled pouring activity.

Contractor
7 days
PARSIAN ENGINEERING WORKS
MIRPURKHAS

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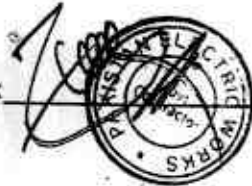
PROJECT DIRECTOR
D.H.Q. HOSPITAL
MIRPURKHAS
SINDH

PREAMBLE TO BILL OF QUANTITIES

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

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 project administration and handing / taking over list would be prepared and forwarded by contractor to Project Authorities. If any claim occurs on part of project administration due to non fulfillment of the above prerequisite then the contractor would be responsible for all compensation.

Signature:



A handwritten signature in black ink is written over a circular stamp. The stamp contains the text "MIRPURKHAS ELECTRIC WORKS" around the perimeter and "Mirpurkhas" in the center.

dated: 21-Jan-2013



A handwritten signature in black ink is written over a rectangular stamp. The stamp contains the text "PROJECT DIRECTOR" and "REHAB:DHQ HOSPITALS SINDH" in a stylized font.



VOLUME - III

EXTERNAL DEVELOPMENT & EXTERNAL SERVICES



**PROJECT DIRECTOR
STAB-DHQ
HOSPITALS**



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

SUMMARY

Total Construction of Boundary Wall.	Rs.	132,79,000/2
Total Construction of Parking Shed.	Rs.	52,01,560/22
Total Construction of Under Ground Water Tank.	Rs.	46,40,000/2
Total Land Scaping & External Development.	Rs.	28,89,717.52/2
Total External Plumbing Works.	Rs.	1,71,05,821/2
Total External Electrical Works.	Rs.	50,89,173/2
Grand Total	Rs.	11,92,15,228/2

Total in Words: Eleven Crore Ninty Two Lacs Fifteen Thousand Two Hundred Twenty Eight only.

Signature:
dated: 21-Jan-2013



SULTAN



12-7st 1-7
Rs. 12,70,91,762/21
Rs. 16,04,197/68
Rs. 11,08,87,562/53

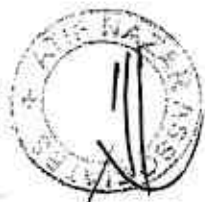


25/2



COMPONENT - I

**CONSTRUCTION OF
BOUNDARY WALL.**



for

AP Hazar Associates
100/101, W.P. Road, ...



Construction of Boundary Wall.
At D.H.Q. Hospital, Mirpurkhas.
BILL OF QUANTITY

SUMMARY

1327262/50

Total (Part-A) Civil Work	Rs. 1,32,79,000/-
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Total in Words: Thirteen million two lac seventy nine thousand

Signature:

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dated: 21-Jan-2013

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Construction of Boundary Wall,
At D.H.Q. Hospital, Mirpurkhas.
Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
1	CIVIL WORK					
1	EARTHWORK					
1.1	EXCAVATION Excavation for foundation in all kinds of soils, dry or wet, hard or soft, up to 7'-0" from Natural Ground Level (N.G.L) including all operation of site clearing, complete with breaking clods, levelling, dressing, dewatering, shoring & compacting including lifting, shifting or disposing of surplus earth outside premises or as per instructions of Consultant / Engineer In-charge.	43695	Cu.ft.	5/50		240320 1/2
1.2	BACKFILLING Filling excavated earth in plinth and under floors i/c breaking clods, dressing, watering and consolidating by ramming in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	33740	Cu.ft.	2/50		84350 1/2
2	PLAIN CONCRETE Providing and laying Plain Cement Concrete where required using approved quality 3/4" max size graded crushed aggregate or stone with approved quality local river sand i/c all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge. (SR cement should be used for all sub structure works)					
2.1	4" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation & Situ.	4454	Cu.ft.	90/2		400860 1/2
2.2	PCC 1:3:6 (1 cement 3 sand and 6 coarse aggregate) Cast in Situ.	2569	Cu.ft.	125/2		321125 1/2
3	DAMP PROOF COURSE Providing and laying 2" thick 1:1 1/2:3 (1 cement 1 1/2 sand & 3 coarse aggregate) DPC under walls and entrance over Tie Beam using pudlo as per manufacturers instructions with 2 Coats of Hot Bitumea 10/20 at 1.64 kg per sqm complete as per drawing, specification and as per instructions of Engineer In-charge.	3425	R.ft.	65/2		222625 1/2



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1269280 1/2
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Construction of Boundary Wall.
At D.H.O. Hospital, Mirpurkhas.
Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
4	WATER PROOFING Providing, laying and applying hot bitumen to the vertical surfaces of the columns and the walls in foundation & plinth in two layers with 10/20 at 1.64 kg per sqm, applied hot over the completely dry surfaces of the concrete works, after the curing period is over, complete as per drawings, specifications and as per instructions of Engineer In-charge.	53045	Sq.ft.	45/-		2387025/-
5	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of specified strength using approved quality 3/4" max. size and down gauge graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete but excluding the cost of steel (SR cement should be used for all sub structure works).					
5.1	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) footing (isolated/combined)	5420	Cu.ft.	235/-		1273700/-
5.2	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate) Column Stem upto Plinth Beam	1136	Cu.ft.	250/-		284000/-
5.3	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) in Plinth Beams.	4363	Cu.ft.	235/-		1025305/-
5.4	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate) in Super Structure Columns of Boundary Wall	2188	Cu.ft.	250/-		547000/-
5.5	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) PCC Coping of Boundary Wall	336	Cu.ft.	235/-		78960/-
6	STEEL REINFORCEMENT Providing fabricating and laying hard grade ribbed deformed (min yield point 60,000 psi) steel reinforcement bars including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawings, placing in position on cement concrete 1:2:4 precast spacer block or m.s chairs, tying with binding wire (GI wire of 18 gauge), including cost of chairs and wires etc. in all kinds of RCC works.					
6.1	Deformed Steel (Grade 60)	33.00	Tons	98500/-		3250500/-
						8846490/-



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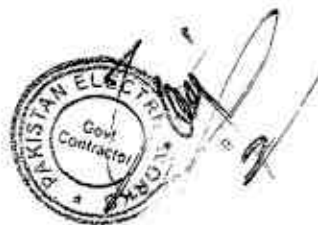
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Construction of Boundary Wall.
At D.H.Q. Hospital, Mirpurkhas.
Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
7	BRICK MASONRY					
7.1	Providing and laying brick masonry with good quality 1st class burnt bricks (Face Bricks) (origin from Local T.M. Khan) in 1:4 (1 cement 4 sand) including fixing of wall ties (b/w RCC & Brick Masonry Joints)(3/8"ØBar at every 3rd course of masonry) (inclusive of cost of steel) including pointing on both sides of the boundary wall complete as per drawings, specifications and as per instructions of Consultant / Engineer in-charge.					
	Ground Floor	7481	Cu.ft.	200/2		1496200/2
8	PLASTER					
	Providing & applying smooth 3/4" th plaster to Tie Beam, *columns of boundary wall, Gate Columns, Coping & Design Portion of Boundary Wall with 1:4 (1 cement 4 sand) ratio, i/c all corners, recesses, jambs and racking out joints complete as per drawings, specifications and as per instructions of Consultant.(SR cement should be used for plaster works).					
8.1	External Plaster	23470	Sq.ft.	22/2		516340/2
9	PAINTS					
9.1	Providing & applying weather shield paint over the Plinth Beam, columns of boundary wall, Gate Columns & Coping on both side i/c. filling, rubbing, smoothing with sand paper. Applying three coats of dulux (ICI) or Berger of approved shade & colour complete as per drawings, specifications and as per instructions of Consultant.	23470	Sq.ft.	25/2		586750/2

2599290/2

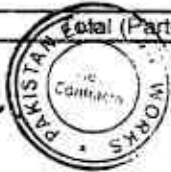


PROJECT DIRECTOR
MIRPURKHAS
NO. 100/2015
MIRPURKHAS



Construction of Boundary Wall.
At D.H.O. Hospital, Mirpurkhas.
Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
10 10.1	MS DOOR Providing and fixing MS Door complete with Spikes, Handles, Aldrops and all accessories comprising of MS angle iron and MS Sheet (@ 3 Kg per S.ft.) including applying primer coat of red oxide and three coats of dulux (ICI) or Berger Enamel Paint of approved shade and colour complete as per drawings, specifications and instructions of Engineer/Consultant (Shop drawings shall be provided for the approval of Engineer/Consultant)	806	Sq.ft.	700/2		564200/2



Total (Part-I) Civil Work

Rs.

1,32,79,262/2

Say

Rs.

1,32,79,000/2

Signature:

dated: 21-Jan-2013



PROJECT DIRECTOR
REHAB: DHO Mirpurkhas
Sindh



COMPONENT - II

CONSTRUCTION OF PARKING SHED.





Construction of Parking Shed.
At D.H.Q. Hospital, Mirpurkhas.
BILL OF QUANTITY

SUMMARY

Total (Part-A) Civil Work	Rs.	52,015,000/-
---------------------------	-----	--------------

52,015,000/-

Total in Words: Five million Two Lac one thousand
~~Five Hundred & 100~~

Signature:



dated: 21-Jan-2013

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH



Construction of Parking Shed.
At D.H.O. Hospital, Mirpurkhas.

ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
1	CIVIL WORK					
1	EARTHWORK					
1.1	EXCAVATION Excavation for foundation in all kinds of soils, dry or wet, hard or soft, up to 7'-0" from Natural Ground Level (N.G.L) including all operation of site clearing, complete with breaking clods, levelling, dressing, dewatering, shoring & compacting including lifting, shifting or disposing of surplus earth outside premises or as per instructions of Consultant / Engineer In-charge.	378	Cu.ft.	5/501		2079 1/2 ✓
1.2	BACKFILLING Filling excavated earth in plinth and under floors i/c breaking clods, dressing, watering and consolidating by ramming in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	96	Cu.ft.	2/50		240 1/2 ✓
1.3	EARTH FILLING Filling earth obtained from outside source (as per approved AASHTO Standard) and filling the same in foundation and under floors i/c breaking clods, dressing, watering and consolidating with mechanical means by compactor or roller in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	10000	Cu.ft.	8/50		85000 1/2 ✓
1.4	STONE SOLING 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 compactor or roller, as per drawings, specification and as per instruction of the Consultant / Engineer In-charge.	5000	Sq.ft.	50/2		250000 1/2 ✓



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Construction of Parking Shed.
At D.H.Q. Hospital, Mirpurkhas.
ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
2	PLAIN CONCRETE Providing and laying Plain Cement Concrete where required using approved quality 3/4" max size graded crushed aggregate or stone with approved quality local river sand i/c all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge. (SR cement should be used for all sub structure works)					
2.1	6" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation.	63	Cu.ft.	90/2		5670/2 ✓
3	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of specified strength using approved quality 3/4" max. size and down gauge graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete but excluding the cost of steel (SR cement should be used for all sub structure works).					
3.1	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) footing (isolated)	218	Cu.ft.	235/2		51230/2 ✓
4	STEEL (BASE PLATE & REINFORCEMENT) Providing fabricating and fixing of 6mm thick MS plate (Size 9" x 9") in foundation of MS Columns of Parking Shed including Cross Bars with welding E70XX Electrodes including the cost of straightening, cutting, bending, binding, wastage and placing in position on cement concrete 1:2:4 complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.					
4.1	6 mm thick (MS Plate)	0.150	Tons	130000/2		19500/2 ✓
4.2	Deformed Steel (Grade 60)	0.029	Tons	98500/2		2855/2 ✓
5	FLOORING					
5.1	3" thick CC 1:2:4 (1 cement 3 sand and 6 coarse aggregate) under flooring	5000	Sq.ft.	40/2		20000/2 ✓




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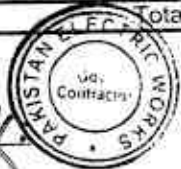
Construction of Parking Shed.
At D.H.Q. Hospital, Mirpurkhas.

ENGINEER'S ESTIMATE
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
5.2	Providing & laying 4" thick RCC Flooring comprising of (4" th. RCC 1:2:4 Flooring with nominal steel 3/8"Ø @12"c/c (Trowel finished leveled surface in panels not more than 30 Sft.) (over already laid subfloor) Reinforced cement concrete of specified strength using approved quality 3/4" max. size graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc complete (but excluding the cost of steel) in all respect as per drawings, specifications and as per instructions of Engineer In-charge.	5000	Sq.ft.	165/2		825000/2
6	SHED					
6.1	Providing & Fixing Toughlight high Impact Polycarbonate sheet 6mm thick Hollow Sheet (Make Toughlight Sheet by Protector / Fibre Tech or equivalent approved by Consultant) of approved shade / colour including its fitting, Fixtures & water proof Seals on joints as per approved design & pattern with MS Frame comprising of MS Sq. Pipe as column / vertical support and MS Sq. Pipe frame incl truses complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge. (Shop drawings shall be provided for the approval of Engineer/Consultant)	5000	Sq.ft.	750/2		3750000/2
Total Civil Work				Rs.		5201540/22
				Say	Rs.	5201575/2
						5201500/2

Signature: 

dated: 21-Jan-2013



PROJECT DIRECTOR
REHAB.DHQ & THQ
SINDH



COMPONENT - III

**CONSTRUCTION OF UNDER GROUND
WATER TANK.**



SM
**PROJECT DIRECTOR
REHAB:DHQ & THO HOSPITALS
SINDH**



Construction of Under Ground Water Tank,
At D.H.Q. Hospital, Mirpurkhas.
BILL OF QUANTITY

SUMMARY

4640047/-

Total (Part-A) Civil Work	Rs.	46,40,000/-
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Total in Words: Four Million Six Lac Fourty
~~Thousand and 47/-~~

Signature:



dated: 21-Jan-2013

PROJECT SUPERVISOR
REHAB:DHQ & MHC, MURPURKHAS
SINDB



Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Mirpurkhas.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
1	UNDER GROUND WATER TANK					
1	EARTH WORKS Excavation in foundation in all kinds of soils, dry or wet, hard or soft, upto 11-0" depth with dewatering and casting surplus upto 2km from site, including levelling of the bottom surface and dressing sides of pit / trenches, complete with back filling the excavated earth in foundations in 6" thick layers including watering levelling, dressing, ramming and also removing of boulders, stones etc upto required levels and slopes complete as per drawings / specifications and as per instruction of the Consultant/Engineer Incharge.	25252	Cu.ft.	5/50		138886 1/2
2	STONE SOLING Providing and laying stone soling (6" thick) of approved quality including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means by compaction equipment, complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	2020	Sq.ft.	58 1/2		117160 1/2
3	PLAIN CEMENT CONCRETE Providing and laying Plain Cement Concrete (1:4:8) where required using approved quality 3/4" max size graded crushed aggregate with approved quality local river sand & all formwork rodding vibrating levelling, compacting and curing etc. complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge. (SR Cement should be used in all works)	1010	Cu.ft.	90 1/2		90900 1/2
4	WATER PROOFING Providing and laying polythene sheet (1 mm thick) over the lean concrete and the vertical surfaces of RCC wall laying with hot two hot coat of bitumen (1st coat of 30/20 and 2nd coat of PB4) over the dry surfaces of the concrete works, after the curing period is over, complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	3874	Sq.ft.	55 1/2		218570 1/2



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Construction of Under Ground Water Tank,

At D.H.Q. Hospital, Mirpurkhas.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
5	STEEL REINFORCEMENT Providing fabricating and laying hard grade ribbed deformed (min yield point 60,000 psi) steel reinforcement bars including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in drawings, placing in position on cement concrete 1:2:4 precast spacer block or m.s chairs, tying with binding wire (GI wire of 18 guage), including cost of chairs and wires etc. in all kinds of RCC works.					
5.1	Deformed Steel (Grade 60)	20	Tons	98500		1970000/2
6	REINFORCED CEMENT CONCRETE Providing and laying Reinforced cement concrete of 1:1 1/2:3 (3750 psi) strength using approved quality 3/4" max. size graded crushed aggregate & fine aggregate including approved form work & its removal, all operations of vibrating, levelling, compacting and curing etc and excluding the cost of steel. (SR Cement should be used in all works)					
6.1	U. G. W. Tank Bottom Slab	2874	Cu.ft.	250/2		718500/2
6.2	U. G. W. Tank Columns & Walls	2499	Cu.ft.	250/2		624750/2
6.3	U. G. W. Tank Top Slab	1111	Cu.ft.	250/2		277750/2
7	WATER STOPPER (12" high) (1/2" thick) Providing and fixing PVC Water Stopper 12" high PVC water stopper for safeguarding them from hydro-static pressures and water seepages of approved quality and maintaining proper alignment complete in all respects as per drawings, specification and as per instructions of Consultant / Engineer In-charge.	245	R.ft.	105/2		25725/2
8	PLASTER Providing & applying smooth 3/4" thick to walls columns etc. with 1:4 cement ratio, 1/c all corners, recesses, jambs and raking out joints alongwith (pudlo - 2kg per bag of approved quality) complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.					
8.1	Internal Plaster	2898	Sq.ft.	42/2		121716/2



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Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Mirpurkhas.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
8.2	External Plaster (Above Ground Level)	201	Sq.ft.	22 1/2		4422 1/2
9	FLOOR FINISH					
9.1	Providing and laying of finish floor (3" 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.	1666	Sq.ft.	63 1/2		104958 1/2
9.2	Providing and making roof finishing composed of CC 1:2:4 screed of (min. 2" thick) laid in panels in specified slopes over RCC slab complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	1916	Sq.ft.	45 1/2		86220 1/2
10	PLINTH PROTECTION Plinth protection all around tank including the cost of levelling, dressing and compacting surface, providing and laying 4" thick stone soiling & 3" thick 1:2:4 (1 cement 2 sand & 4 coarse aggregate) over stone soiling in panels and specified slopes as shown on drawing and complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	713	Sq.ft.	130 1/2		92690 1/2
11	MANHOLE COVER Supply and Fix Manhole cast iron cover with frame (24" x 24") (Make CMP) with frame rectangular set in cement mortar and fixing in tank slab in concrete complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	Nos.	5000 1/2		10000 1/2
12	MONKEY LADDER Providing and fixing 1" dia G.I. Pipe monkey ladder with 8 steps complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	Nos.	5500 1/2		11000 1/2
13	VENT PIPES (Cast iron 4" dia) Providing and fixing Vent pipes (Cast iron 4" dia) as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	6	Nos.	2500 1/2		15000 1/2



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Construction of Under Ground Water Tank.

A.I.D.H.Q. Hospital, Mirpurkhas.

Bill of Quantity
(CIVIL WORKS)

Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
14	LEVELING PIPES (Galvanized Iron 4" dia) Providing and fixing Leveling pipes (G.I. 4" dia) as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	4	Nos.	1200/-		48000/-
15	INLET & OUTLET CONNECTIONS Providing and fixing inlet and outlet connections as per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	2	L.S.	3500/-		7000/-
Total (Part-I) Under Ground Water Tank				Rs.		46400/-

Say Rs. 46,400/-

Signature: _____



dated: 21-Jan-2013



PROJECT DIRECTOR
REHAB:DEQ & IHO HOSPITALS
SINDH



COMPONENT - IV

LAND SCAPING / EXTERNAL DEVELOPMENT



DHQ
HCCDITAT



LAND SCAPING & EXTERNAL DEVELOPMENT
At D.H.Q. Hospital, MIRPURKHAS.
BILL OF QUANTITIES

SUMMARY

Total Land Scaping & External Development Work	Rs.	28097175/-
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Total (In Millions)	Rs.	(28.9717) million
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PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS
SINOH

EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL MIRPURKHAS						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
LANDSCAPING & EXTERNAL DEVELOPMENT						
1	EARTHFILLING Filling earth obtained from outside source and filling the same in dipression area as per instruction of consultant and or Engineer Incharge. i/c breaking clods, dressing, watering and consolidating with mechanical means by compacter or roller in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift.	251956	Cu.ft.	8/50		2141626/2 ✓
2	KERBSTONE Providing and Fixing CC 1:2:4 Precast Kerbstone (12"x6"x18") (Make Envicrete or as per instruction of consultant) fixing with 1:3 cement sand mortar complete in all respects, that includes excavation / filling where ever required in all type of soils, dry or wet, hard or soft, up to required depth as per drawing and specification and or as directed by Consultant / Engineer In-charge	8378	Rft	250/2		2094500/2 ✓
3	PAVERS Providing and Fixing CC 1:2:4 Pavers City & Quadra (60mm thick) (Make Envicrete) fixing with 2" thick 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	11141	Sqft	200/2		2228200/2 ✓



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PROJECT DIRECTOR
 REHAB. DHA HOSPITALS
 SINDH



EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL MIRPURKHAS						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
4	FOOTPATH					
4.1	STONE SOLING 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.	15541	Sq.ft	50/2	✓ 777050/2	
4.2.2	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.	5129	Cu.ft	300/2	✓ 1538700/2	
5	LANDSCAPING Providing and laying Sweet earth filling up to 1'-0" (in depth) with manure and remaining part average 2'-0" with imported earth as approved, and also providing grass with plants as per drawing and specification and or as directed by Consultant / Engineer In-charge	17209.50	Sqft	30/2	✓ 516285/2	
6.0	ROAD Excavation or cutting in all kind of soil (except , gravelly , mumur, wet silt 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	88206.30	Cu.ft	4/2	✓ 352805/2	
6.2	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 9" to obtain 95% modified AASHTO density i/c all lead and lift and or as per instructions and approval of Consultant / Engineer In-charge.	456088.50	Cu.ft	7/2	✓ 3192619/2	



PROJECT DIRECTOR
DHO & CHG. R...
HOSPITALS

EXTERNAL DEVELOPMENT						
DISTRICT HEAD QUARTER HOSITAL MIRPURKHAS						
BILL OF QUANTITY						
Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
6.3	<p>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, 1/2 cft 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 1/2s all cost of material T&P and carriage upto site of work (3 chain)</p>	76014.75	Cu.ft	55 1/2	41800 1/2	
6.4	<p>BASE COURSE 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 etSc as directed) rate includes all cost of material T&P labours and carriage upti site of work (3chain)</p>	76014.75	cft	60 1/2	45600 1/2	
6.5	<p>FIRST COAT SURFACE TREATMENT 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)</p>	144790.00	Sqft	15 1/2	217100 1/2	
6.6	<p>2" THICK CARPET providing 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 proportions in cluding heating material and cleaning the road surface (rates includes all the cost of material, labor, T&P and carriage upto site of work.)</p>	144790.00	Sqft	80 1/2	115832 00 1/2	

PROJECT DIRECTOR
REHAB.DHQ & HDQ HOSITAL
SINDH

1   On 9/11/16



COMPONENT - V

EXTERNAL PLUMBING WORKS.



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**PROJECT DIRECTOR
REHAB:DHQ & 140 HOSPITALS
SINDH**

Bill Of Quantities
 PLUMBING WORKS EXTERNAL
 DHQ MIRPURKHAS HOSPITAL
 WATER SUPPLY & IRRIGATION SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)	
A	WATER SUPPLY PIPING					
	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. size 25 mm dia. Complete all as per specified in DIN 8074 & ISO No. 4427.					
1	do but 32mm dia	Mtr	10	115/2	1150/2	✓
	do but 40mm dia	Mtr	12	145/2	1740/2	✓
	do but 50mm dia	Mtr	15	192/2	2880/2	✓
	do but 63mm dia	Mtr	10	270/2	2700/2	✓
	do but 75mm dia	Mtr	570	390/2	222300/2	✓
	do but 90mm dia	Mtr	348	530/2	184440/2	✓
	do but 110mm dia	Mtr	83	730/2	60590/2	✓
		Mtr	193	1095/2	211835/2	✓
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	4" dia G.I. Pipe	Mtr	6	2450/2	14700/2	✓
ii	6" dia G.I. Pipe	Mtr	6	2980/2	17880/2	✓

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for

DIRECTOR

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)	
3	GATE VALVE (GUN METAL)					
i	1" dia Heavy Pattern	Nos.	1	600	600/2	
ii	1-1/4" dia Heavy Pattern	Nos.	1	800	800/2	
iii	1-1/2" dia Heavy Pattern	Nos.	1	1450	1450/2	
iv	2" dia Heavy Pattern	Nos.	1	1680	1680/2	
v	2-1/2" dia Heavy Pattern	Nos.	23	1810	41630/2	
vi	3" dia Heavy Pattern	Nos.	2	2500	5000/2	
vii	4" dia Heavy Pattern	Nos.	2	3800	7600/2	
4	VALVE CHAMBER					
	Providing chamber 2'-0" x 2'-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" (1152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all inside 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.	22	11500/2	253000/2	
	Providing chamber 4'-0" x 4'-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" (1152mm) thick cement concrete 1:2:4 flooring 1/2" (12.5mm) thick cement plaster 1:3 to all inside 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.	3	19500/2	58500/2	
5	BOOSTING PUMPS FOR WATER SUPPLY					
	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.					
	Max Flow 3800 lph Max Head 57m, 3 phase 380V (appx. 7.5hp)					
					20000/2	100000/2



Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM


		BOQ (EXTERNAL PLUMBING WORKS)			
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
6	IRRIGATION PIPING Providing, laying, jointing and testing P.E. 80 PN 8 pipe and fittings for irrigation with fusion jointing along with all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.				
i	20mm dia	Mtr	10	99	990/2
ii	25mm dia	Mtr	904	115	103960/2
iii	32mm dia	Mtr	489	145	70905/2
iv	40mm dia	Mtr	143	192	27456/2
v	50mm dia	Mtr	232	270	62640/2
7	Complete assembly of sprinkler including excavation, riser, swing assembly, check valve and all accessories required to complete system ready to operate as per specification, drawings & instruction of Consultant.	Nos.	16	20000	320000/2
8	HANDLE VALVES FOR CONTROLLING SPRINKLERS Complete assembly of sprinkler control valve as per working details				
i	3/4" dia	Nos.	1	375/2	375/2
ii	1" dia	Nos.	4	425/2	1700/2
iii	1-1/4" dia	Nos.	1	650/2	650/2
iv	1-1/2" dia	Nos.	1	1310/2	1310/2
v	2" dia	Nos.	1	1625/2	1625/2

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PROJECT DIRECTOR
REHAB:DHQ & THO HOSPITAL
SINDH
 2591611/2

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
WATER SUPPLY & IRRIGATION SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
9	HANDLE VALVES FOR HOSE CONNECTION				
	Complete assembly of Rubber Hose connection with nozzle, valve as per working details	Nos.	5	390	1950/-
i	3/4" dia				
ii	1" dia	Nos.	45	500	22500/-
10	BOOSTING PUMPS FOR IRRIGATION				
	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 along with water proof shades as per specifications, drawing, conditions and instruction of the consultant.				
i	Max Flow: 10m ³ /hr Max Head 22m, phase, 380 V, (appx. 2 hp)	Nos.	2	70000	140000/-
				SUB TOTAL	Rs. 164550/-
				GRAND TOTAL	Rs. 2846036/-
<p>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</p>					

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PROJECT DIRECTOR
REHAB: DHQ & THQ HOSPITALS
SINDH

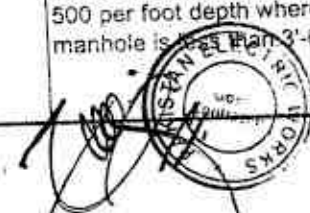
Bill Of Quantities
 PLUMBING WORKS EXTERNAL
 DHQ MIRPURKHAS HOSPITAL
 SEWERAGE SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)				
S.NO.	DESCRIPTION	UNIT	QTY	AMOUNT (Rs.)
B	SEWERAGE PIPE			
1	Providing uPVC pipes of class B equivalent make fixing in trench including cutting fitting and jointing with z joint with one rubber ring, i.e. Testing with water to head of 61 m or 200 ft.			
	i. 110 mm dia pipe	Mtr	240	675
	ii. 150 mm dia pipe	Mtr	971	1650
	iii. 200 mm dia pipe	Mtr	364	2150
	iv. 250 mm dia pipe	Mtr	96	3950
	v. 300 mm dia pipe	Mtr	10	5100
	vi. 350 mm dia pipe	Mtr	5	6500
2	MANHOLES 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 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) (if required), C.C. duly painted etc. complete as per specification and drawing 2' x 2' x 3'-6" Deduct from the above cost at the rate of Rs. 500 per foot depth where the depth of manhole is less than 3'-6"	Nos.	28	14500

162000/2 ✓
 1602150/2 ✓
 702600/2 ✓
 379200/2 ✓
 51000/2 ✓
 32500/2 ✓

406000/2 ✓

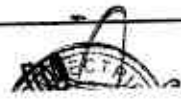
34,15,450/2 ✓



Director
 DHQ HOSPITALS

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
SEWERAGE SYSTEM

		BOQ (EXTERNAL PLUMBING WORKS)			
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
3	Construction of manhole or inspection chamber of 3'-4' manhole inner dia or as specified dimensions in working dwgs up to 7'-6" depth with walls of precast reinforced concrete ring sections of the specified inside diameter and a minimum wall thickness of six (6) inches, with eccentric cone on the top, including fixing C.I. manhole cover with frame of clear opening 2' dia (approx 4.5 Cwt) embedded in grade ring with all necessary fittings and filling of joints/ grouting , 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. with all necessities, ready to complete the job as per specifications, working drawings and instructions of consultant				
	3'-4' dia x 7'-6"	Nos.	5	35000/-	1750000/-
	Deduct from the above cost at the rate of Rs. 1500 per foot depth where the depth of manhole is less than 7'-6"				
4	Soak pit or Seepage Pit of 12' Ø x 9' depth, with 6" Thick Layer of 2"-3" Gravel around Concrete Block Laid Flat with open Joints as shown in detail				
		Job	2	125000	250000/-
5	SEPTIC TANK				
i	Construction of Septic Tank # 1 (50,000 gal. cap.) including partitions complete package in all respect.	Job	1	2000000/-	2000000/-
ii	Construction of Septic Tank # 2 (20,500 gal. cap.) including partitions complete package in all respect.	Job	1	1400000/-	1400000/-



4/1/2017 3825000/-

Bill Of Quantities
 PLUMBING WORKS EXTERNAL
 DHQ MIRPURKHAS HOSPITAL
 SEWERAGE SYSTEM

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
6	WASTE WATER PUMP Supply and fixing equipment and ancillaries				
	Waste Water Pump,Stainless Steel Impeller, Bearings & Shaft, base plate, electrical power cord ,control panel and all necessary accessories including valves, pipes, fittings, speed meter etc also excavation, back filling and disposal of surplus earth etc along with electric start for diesel engine, oil meter, water tank, oil tank and battery complete in all respect to complete the job				
	i Electrical Submersible -Sludge Pump, min Flow: 14m ³ /hr min Head 10m,	Nos.	3	300000/-	900,000/-
	ii Diesel Engine Sludge Pump (self priming), min Flow: 28m ³ /hr min Head 10m,	Nos.	1	600000/-	600,000/-
	iii Electrical Submersible Sludge Pump, min Flow: 8m ³ /hr min Head 10m,	Nos.	2	300000/-	600,000/-
iv Diesel Engine Sludge Pump (self priming), min Flow: 18m ³ /hr min Head 10m	Nos.	1	490000/-	490,000/-	
SUB TOTAL				Rs.	2590000/-
<p>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</p>					




PROJECT DIRECTOR
 DHQ & THE HOSPITAL

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
STORM WATER DRAINAGE

BOQ						
(EXTERNAL PLUMBING WORKS)						
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)	
C 1	STORM WATER DRAINAGE					
	RAIN WATER GRATING Providing and fixing of Bar grating of 1/2" square solid steel bar having bearing bar spacing 2" C.C. & cross bars spacing 4" C.C. For rain water catchment, accessible for maintenance; of the following widths as shown in working drawing					
	i. 150 mm wide grating	Mtr	226	700	158200/2	
	ii. 200 mm wide grating	Mtr	225	935	210375/2	
	iii. 300 mm wide grating	Mtr	111	1400	155400/2	
	iv. 450 mm wide grating	Mtr	10	2500	25000/2	
	v. 600 mm wide grating	Mtr	40	3500	140000/2	
2	STORM WATER PIPES					
	Providing uPVC pipes of class B equivalent make fixing in trench including cutting fitting and 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	42	1650	69300/2	
	ii. 200 mm dia pipe	Mtr	5	2150	10750/2	
	iii. 250 mm dia pipe	Mtr	4	3950	15800/2	
	iv. 300 mm dia pipe	Mtr	5	5100	25500/2	
	v. 350 mm dia pipe	Mtr	5	6500	32500/2	
vi. 400 mm dia pipe	Mtr	2	7980	15960/2		
3	RAIN WATER INLETS					
	i. Construction OF storm water chamber with flat type inlet grating capable of being moved for inspection purpose as per working drawing 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 of grating mentioned above, embedded in plain C.C. 1:2:4 complete as per specification and drawing	Nos.	13	16000	208000/2	
	ii. Construction storm water curb inlet as specified in working drawings 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 of grating mentioned above, embedded in plain C.C. 1:2:4 complete as per specification and drawing	Nos.	14	13500/2	189000/2	



DIRECTOR
MIRPURKHAS HOSPITALS
 255785/2

Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
STORM WATER DRAINAGE

BOQ (EXTERNAL PLUMBING WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
4	CONSTRUCTION OF RCC RAIN WATER CHANNEL Construction of R.C.C Rain Water Channel to bear the load of grating & vehicles, permitting rain water to travel in the channel as shown in working drawing including providing and laying of RCC (1:4:8) using crush stone with round bars, with SR cement, solid block of cement concrete (1:2:4) using crushed stone, as specified in working drawing.	Mtr	40	3850/2	154000/2
5	CONSTRUCTION OF RAIN WATER CHANNEL				
i	Providing and laying RCC 1:4:8 using crush stone with SR cement all as spd.	cum	49	7500/2	367500/2
ii	Providing and laying PCC 1:2:4 using crush stone with SR cement all as spd.	cum	29	11550/2	334950/2
iii	Providing and laying of block masonry walls 6" thick as shown in working drawing and RCC 1:2:4 using crush stone as in slab sills with round bars, using deform bar grade 40 including cutting, bending, binding and placing reinforcement in position, precast drainage cover copings, channels, RCC/PCC jali, jointing and pointing as spd.	cum	86	10500	903000/2
6	SUCTION PUMPS Supply and fixing equipment and ancillaries Suction Pump (Positive Displacement Pump) Stainless Steel body 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 as per specifications, drawing, conditions and instruction of the consultant. Suction Pump Capacity: 1.5m ³ /hr Max Head 8m, single phase, 220 V, (appx. 1 hp)	Nos.	1	14100/2	14100/2
SUB TOTAL					1773550/2

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



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Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
WATER FILTRATION PLANT

BOQ				
(EXTERNAL PLUMBING WORKS)				
S.NO.	DESCRIPTION	UNIT	QTY	AMOUNT (Rs.)
1	WATER FILTRATION PLANT Supply, installation, testing and commissioning of Water Filtration Plant for potable water having 12,000 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	1,400,000/-
SUB TOTAL				Rs. 1,400,000/-

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PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS
SINDH



COMPONENT - VI

EXTERNAL ELECTRICAL WORKS




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**PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS
SINDH**

DHQ

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
SUMMARY

		BOQ
		(EXTERNAL ELECTRICAL WORKS)
S.NO.	DESCRIPTION	AMOUNT (Rs.)
		22370527/-
1	Electrical Power Distribution	21,70,4728/-
		3848726/-
2	Communication System	3039786/-
		3852031/-
3	External Illumination	3842028/-
		10305190/-
4	HT Cable & Transformer	40376546/-
	Total	39691732/-
		11200000/-
5	Generator	11200000/-
	G.Total	50,89,1732/-

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PROJECT DIRECTOR
REHA/DHQ & IHO HOSPITALS
SINDH

51,52,6540/-

Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ MIRPURKHAS HOSPITAL
 ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION: A					
1	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES				
	Providing, Laying and Testing of Following sizes single core / multicore PVC insulated and PVC sheathed, armoured / unarmoured 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 4 Sq.mm PVC	Mtr.	82	320	26240
b	4 core 6 Sq.mm PVC	Mtr.	435	461	200535
c	4 core 10 Sq.mm PVC	Mtr.	94	751	70594
d	4 core 16 Sq.mm PVC	Mtr.	180	1017	183060
e	4 core 25 Sq.mm PVC	Mtr.	57	1550	88350
f	4 core 35sq.mm PVC	Mtr.	99	2131	153450
g	4 core 50sq.mm PVC	Mtr.	628	2876	1806128
h	4 core 70sq.mm PVC	Mtr.	155	4117	638135
i	4 core 95sq.mm PVC	Mtr.	1476	5100	7527600
k	1 core 2.5 Sq.mm PVC E.C.C	Mtr.	82	43	3526
l	1 core 4 Sq.mm PVC E.C.C	Mtr.	435	67	29145
m	1 core 6 Sq.mm PVC E.C.C	Mtr.	94	99	9306
n	1 core 10 Sq.mm PVC E.C.C	Mtr.	194	166	32204
p	1 core 16 Sq.mm PVC E.C.C	Mtr.	142	244	34648
r	1 core 25 Sq.mm PVC E.C.C	Mtr.	354	384	135936
s	1 core 35 Sq.mm PVC E.C.C	Mtr.	46	534	16204
t	1 core 50 Sq.mm PVC E.C.C	Mtr.	312	726	226512
u	1 core 70 Sq.mm PVC E.C.C	Mtr.	266	1030	273980
	1 core 95 Sq.mm PVC E.C.C	Mtr.	305	1959	414495
				Total	171870100

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 PROJECT DIRECTOR
 DHQ HOSPITALS

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
ELECTRICAL POWER DISTRIBUTION

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
2	CONDUITS & PIPES				
	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.				
a	100mm dia	Mtr.	814	1000	214000/-
b	150mm dia	Mtr.	810	1700	1037000/-
3	CHAMBERS WITH C.I COVER				
	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	1200mm x 1200mm x 1200 mm	Each	5	12000	60000
b	900 mm x 900 mm x 900 mm	Each	18	12000	216000
c	750 mm x 750 mm x 750 mm	Each	14	12000	168000
d	600 mm x 600 mm x 600 mm	Each	25	12000	300000
				Total	199,5000/-

814 000

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2595000/-

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PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDE

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
ELECTRICAL POWER DISTRIBUTION

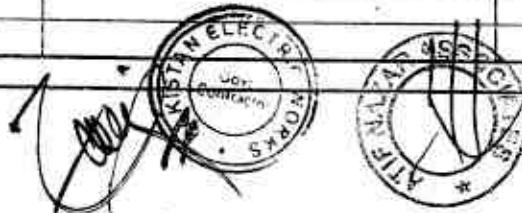
BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION: B					
1	L.T DISTRIBUTION BOARDS				
	Providing and Installation of following LT Distribution Boards (as per single line diagrams), including all accessories, related civil works etc. Complete in all respects as per Drawing.				
a	MLTP-1/S1	Nos.	1	1000000	1000000
b	MLTP-1/S2	Nos.	1	2000000	2000000
c	MLTP-1/S3	Nos.	1	621600	621600
d	DP-1/S1	Nos.	1	158200	158200
e	DP-1a/S1	Nos.	1	163000	163000
f	DP-2/S1	Nos.	1	300000	300000
g	DP-EL Room-1	Nos.	1	411600	411600
h	DP-EL Room-2	Nos.	1	597000	597000
j	DP-EL Room-3	Nos.	1	144200	144200
k	DP-Emergency EL Room-1	Nos.	1	63000	63000
l	DP-Emergency EL Room-2	Nos.	1	99400	99400
m	DP-Emergency EL Room-3	Nos.	1	315000	315000
n	DB- Pump Room	Nos.	1	54600	54600
p	DP-1/S3	Nos.	1	117600	117600
p	DP-2/S3	Nos.	1	120000	120000
q	DP-2a/S3	Nos.	1	35000	35000
r	DP-3/S3	Nos.	1	119000	119000
s	DP-3a/S3	Nos.	1	30000	30000
t	DP-4/S3	Nos.	1	60000	60000
u	DP-4a/S3	Nos.	1	54600	54600
v	DB- Sludge Pump	Nos.	2	54600	54600
				Total	6574,668/2

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PROJECT DIRECTOR
DHQ & THQ HOSPITALS
SINDH

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
ELECTRICAL POWER DISTRIBUTION

BOO					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
SECTION :C					
1	EARTHING SYSTEMS				
	Providing and Installation of the following				
a	Providing & fixing of earthing set with 2'x2'x1/4" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (with salt and charcoal, or earthing chemical powder) etc making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) i/c fixing of 8 SWG copper wire in 1/2" G.I conduit with earth connecting point with all necessary accessories complete in all respect as required.	Nos	7	65000	455000/2
b	Rod type earth electrode including earthing lead, inspection chamber and all accessories.	Nos	18	45000	810000/2
				Total	12,65,000/2
				G.TOTAL	22,31,527/.




PROJECT DIRECTOR
REHAB:DHQ & PHO BUNHANS
SINOH

Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ MIRPURKHAS HOSPITAL
 COMMUNICATION SYSTEM

BOQ					
COMMUNICATION SYSTEM					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION -A					
1	Providing, Installation and wiring from telephone Exchange upto telephone Cabinets and telephone Cabinets to telephone Cabinets. Complete in all respects as per Drawing.				
a	10 Pair cable	Mtr.	112	400	44800
b	12 Pair cable	Mtr.	10	465	4650
c	15 pair cable	Mtr.	10	532	5320
d	25 Pair cable	Mtr.	10	665	6650
e	30 Pair cable	Mtr.	10	731	7310
f	40 Pair cable	Mtr.	972	864	839808
g	50 Pair cable	Mtr.	764	1263	964932
				Total	964932
2	Providing, Installation wiring for Telephone lines from Telephone Cabinet upto T.J.B (Electrical Room). Complete in all Respects as per Drawing.				
a	2 Pair cable	Mtr.	206	30	6180
b	10 Pair cable	Mtr.	64	399	25536
c	12 Pair cable	Mtr.	272	465	126480
d	20 Pair cable	Mtr.	220	500	110000
				Total	214766

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 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

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Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ MIRPURKHAS HOSPITAL
 COMMUNICATION SYSTEM

BOQ					
COMMUNICATION SYSTEM					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION -B					
1	Telephone Cabinet Floor Standing Type:				
a	MS Telephone Cabinet of 200 Pairs	Nos	1	20000	20000
b	MS Telephone Cabinet of 90 Pairs	Nos	1	18000	18000
c	MS Telephone Cabinet of 70 Pairs	Nos	1	17000	17000
d	MS Telephone Cabinet of 60 Pairs	Nos	1	16000	16000
e	MS Telephone Cabinet of 50 Pairs	Nos	3	14000	42000
f	MS Telephone Cabinet of 40 Pairs	Nos	1	14000	14000
g	MS Telephone Cabinet of 20 Pairs	Nos	1	10000	10000
				Total	127000
SECTION -C					
1	CONDUITS & PIPES				
	Providing and Laying of following sizes (internal diameter of underground class 'E' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.				
a	100mm dia	Mtr.	216	1800	388800
b	75mm dia	Mtr.	200	1600	320000
c	50mm dia	Mtr.	122	230	28060
d	40mm dia	Mtr.	10	220	2200
e	32mm dia	Mtr.	188	210	39660
f	25mm dia	Mtr.	260	200	52000
				Total	830920
2	Communication Cable Chambers				
	Providing and 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 500 mm x 500 mm with frame. Complete in all respects as per Drawing.				
a	750mm x 750 mm x 750 mm	Each	5	25000	125000
b	500mm x 500 mm x 500 mm	Each	21	15000	315000
c	400mm x 400 mm x 400 mm	Each	30	10000	300000
				Total	740000
				G.TOTAL	1698120




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33-12-17

Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
EXTERNAL ILLUMINATION

BOQ					
EXTERNAL ILLUMINATION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION-A					
1	Poles & Light Fixtures				
	Following pole are required for Street lighting with ligh fixtures.				
a	Providing and installation of Single Pole Of (19.68ft) 6m Height with Two lighting fixture Philips model no. Greenvision Flexi BRP310 95W 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	1	65000	65000
b	Providing and installation of Single pole Of (19.68ft) 6m Height with One lighting fixture Philips model no. Greenvision Flexi 48/CW 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	19	45000	855000
c	Providing and installation of Single pole of (13 ft) 4m Height with One lighting fixture Clamped on External Boundary wall Philips model no. Greenvision Flexi 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	8	45000	360,000
d	Providing and installation of Single pole Of (6.56ft) 2m Height with One lighting fixture for Lawn Lights. Philips model no. Philips Metronomis Torino CDS530 C 1XCDM-70W 220V. Complete in all Respects as per Drawing.	Nos	56	10000	560,000
e	Providing and installation of Single pole Of (1.6ft) 1/2m Height with One lighting fixture for Walking Or Footpath Lights. Philips model no. Philips Metronomis Torino CDS530 C 1XCDM-T70W 220V. Complete in all Respects as per Drawing.	Nos	68	10000	680,000
f	Single Pole Of (26.24ft) 8m Height with Four lighting fixture Providing and installation of Philips model no. Greenvision Flexi 95W 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos	2	65000	130,000
2	WIRING AND CABLING				
a	3 Core 2.5 sqmm	Mtr.	1,731	163.59	283174
b	3 Core 4 sqmm	Mtr.	660	242.72	160195
c	3 Core 6 sqmm	Mtr.	105	351.12	36867
				TOTAL	3130237



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Bill Of Quantities
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
EXTERNAL ILLUMINATION

BOQ					
EXTERNAL ILLUMINATION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION-B					
1	LT DISTRIBUTION BOARDS				
	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	S1/SDP -1 Street Lighting 1	Nos	1	20000	20000
b	S1/SDP -2 Street Lighting 2	Nos	1	20000	20000
c	S1/SDP -3 Street Lighting 3	Nos	1	20000	20000
d	S3/SDP -1 Street Lighting 4	Nos	1	20000	20000
e	S3/SDP -2 Street Lighting 5	Nos	1	20000	20000
f	S3/SDP -3 Street Lighting 6	Nos	1	20000	20000
g	S2/SDB- 1 Hospital Lawn Lighting	Nos	1	20000	20000
h	S2/SDB-2 Hospital Lawn Lighting	Nos	1	20000	20000
2	CONDUITS & PIPES				
	Providing and Laying of following sizes (internal diameter of underground class 'E' PVC pipe with accessories including pull wire, excavation and backfilling etc. Complete in all respects as per drawing.				
a	50mm dia	Mtr.	10	230	2300
b	40mm dia	Mtr.	12	220	2640
c	32mm dia	Mtr.	765	210	160650
d	25mm dia	Mtr.	1731	200	346200
				TOTAL	
				G.TOTAL	711791

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PROJECT DIRECTOR
REHAB.DHQ & MHO HOSPITALS
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3820371

Bill Of Quantities

**EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
HT CABLE & TRANSFORMER**

BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION: A					
1	POWER TRANSFORMER WITH HT BREAKER				
	Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed, naturally cooled, step down 11000/400/230 volts 50 cycles all allied necessary accessories etc., complete in all respect.				
a	630KVA	Nos.	1	1200000	1200000
	Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step down 11000/400/230 volts 50 cycles & all allied necessary accessories etc., complete in all respect.				
a	750KVA	Nos.	1	1400000	1400000
b	1500KVA	Nos.	1	2200000	2200000
c	Providing and fixing HT 11 KV panels and disc isolators for all above transformers, floor mounting panels. Complete with selector switches indicating lamps sheet steel cubical factory assembled and duly wired, protection with all allied necessary accessories etc., complete in all respect.	Job	1	2700000	2700000
				Total	
SECTION: B					
1	HT CABLES				
a	HT electric cable 11kV stranded copper conductor, XLPE insulated, extruded, PVC bedded, steel wire armoured and PVC sheathed overall 3 core, 50 mm ² laid in trenches complete with bricks, sand (included cost of excavation), supply and fixing.	Mtr.	660	3958	2612280
b	HT electric cable 11kV stranded copper conductor, XLPE insulated, extruded, PVC bedded, steel wire armoured and PVC sheathed overall 3 core, 35 mm ² laid in trenches complete with bricks, sand (included cost of excavation), supply and fixing.	Mtr.	10	3291	32910
				Total	10145190






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Bill Of Quantities
 EXTERNAL ELECTRICAL WORKS
 DHQ MIRPURKHAS HOSPITAL
 HT CABLE & TRANSFORMER


BOQ					
ELECTRICAL POWER DISTRIBUTION					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
SECTION: C					
1	LIGHTNING PROTECTION FOR BUILDING				
	Providing & fixing 1-1/2" x 1/3" thick copper strip with suitable saddle at 12" intervals complete as required				
a	Lightning protection system at Roof of substation	Nos.	1	80000	80000
b	Lightning protection system for PMT (Pole Mounted Type)	Nos.	1	80000	80000
				Total	
				G.Total	160000


 PROJECT DIRECTOR
 REHAB:DHQ & HO HOSPITALS
 SINDH

Bill Of Quantities
ELECTRICAL WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
DIESEL GENERATOR SETS

BOQ (EXTERNAL ELECTRICAL WORKS)					
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
ELECTRICAL					
LOW VOLTAGE DIESEL GEN.SETS					
1	250 kVA standby rating LV D.G Set including skid mounted fuel day tank, 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 work	Nos	2	5100000	10200000/2
2	Supply and installation of an underground fuel storage tank having 2000 liters capacity manufactured as per DIN 6808/ASME Section VIII DIV 1, complete with manhole, cover, vent pipe etc. including excavation backfilling, civil works, fuel pump, piping netw	Nos	1	400000/2	400000/2
3	Auto mains failer transfer swtich (ATS/AMF) for the above D.G set	Nos	1	600000	600000/2
				Total	11200000/2

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PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH



Government of Sindh
Health Department (Development Wing)

EVALUATION REPORT (TECHNICAL)

External Development & External Services

**At D.H.Q. Hospital,
Mirpurkhas, Sindh.**

Project:

Expansion & Improvement of DHO Hospital in Sindh.

Client:

Health Department

Consultant:

Atif Nazir Associates

Consulting Engineers & Architects

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

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




ATIF NAZIR ASSOCIATES

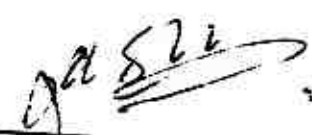
Summary Evaluation Report Technical Bids


Project: External Development and External Services Work at DHQ Hospital Mirpurkhas.


- DHQ Hospital Mirpurkhas.


Sr.	Participated Contractor	Marks Attained	Total Marks	% age	Position	Remarks
1.	M/s. Pakistan Electric Works.	72.28	100	72.28%	1st	Qualify
2.	M/s. Muhammad Hasni Builders.	63.88	100	63.88%	2nd	Qualify
3.	M/s. Kamran Builders.	20.00	100	20.00%	N/A	Disqualify


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)

External Development & External Services

At D.H.Q. Hospital, Mirpurkhas.

Aggregate Qualifying Score is 60%,

but it is mandatory to obtain at least 50% in each of the following sections.

PBC QUALIFICATION PARAMETERS:		MAX. MARKS SUB TOTAL	M/s. Millennium Hospital Qualifications		
Mandatory Provisions / Eligibility:			Information	Marks	Remarks
Firms / Contractor must possess.					
Valid registration certificate of PBC in the category C-4 or above and in Civil discipline for 2012 year;	Constructor's Category	C-1			
Valid registration certificate from Income Tax Authority (N.T.N.) is not Black Listed. (Attach all certificates and affidavit of not black listing). COMPANY'S PROFILE	Discipline / Code Registration Year	CE-01, 09 & 10 2012			
Packed Since Firm/ Contractor is in construction business. (Attach PBC Licence for each year)		2006			First obtained PBC Licence in 2006
Up to 05 Years.	10				
Up to 10 Years.	2				
Above 10 Years.	5				
Office Facilities.	10		10		
In Sindh Province.	5				
	3		3		Office in Daska
In any other Province/ Islamabad Outside Country.	1		1		Office in Quetta
	1		1		
	15		14		
	Total Section (A)		93		PASS
	Attained % age.				

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EVALUATION REPORT (TECHNICAL)

External Development & External Services
 At D.H.O. Hospital, Mirpurkhas.

Aggregate Qualifying Score is 60%,
 but it is mandatory to obtain at least 50% in each of the following sections.

REGISTRATION ENGINEERS

MAX. MARKS OBTAINED

Min. Requirement (Qual. Standard)

GENERAL EXPERIENCE RECORD

Projects of similar nature and complexity completed over last 05 years.	30		30	
(3 Marks for each project) (Attach satisfactory completion certificates)	15	05 Projects	9	
Projects of similar nature and complexity in hand.				
(5 Marks for each project having cost 100 Million or above)	15	01 Projects	5	(Work Order) Attached
(Attach Copies of Work orders.)				
Total Section (B)	30		14	
Attained % age.			47	PASS

PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.

Requirment of persons will vary from Project to Project
 Following factors may be used as a guidelines.

Sr. No	Description / Position with qualifications & experience	Number Required	Marks Assigned	Remarks				
1	02 Civil Engrs./ 02 (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. The payment details showing at least 1 year continuous employment with firm. 1 additional Mark for MBE. (Civil Engrs./P.E. (CEN))	10	04 Engineers	10	Attendant Attached.
2	02 Engrs in Civil Engineering with experience of 3 years or above.	04 Nos.	10	02 Marks for 3 years experience. 02 Marks for above 02 years.	10	3 D.A.B.	10	
Total Section (C)					20		20	
Attained % age.							100	PASS

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EVALUATION REPORT (TECHNICAL)

External Development & External Services
 M.D.H.Q. Hospital, Mirpurkhas.

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

PAPER QUALIFICATION PARAMETERS		MAX. MARKS PER TOTAL	Marks Obtained	Result
EQUIPMENT CAPABILITY.				
Critical equipment and number required for the project shall be specified by the Procuring Agency.	10	10		
High value equipment should be an option to own, lease or hire.	3	3	5.88	Detail Sheet Attached
Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects.	4	4		
Total Section (D)		10	5.88	
Attained %age.			59	PASS
25			25	
FINANCIAL SOUNDNESS / STATUS.				
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)				
Less than 15% of Estimated Cost of this Work.	5	5		
16 -25% of Estimated Cost of this Work.	10	10		
26 -40% of Estimated Cost of this Work.	20	20		
More than 40% of Estimated Cost of this Work.	25	25		
Total Section (E)		25	10	
Attained %age.			40	PASS
TOTAL		100	63.88	PASS
Total Attained %age.			63.88	PASS
Position			Position	2nd.
Remarks: <i>Car</i>				
List of Attached Documents: <i>IV</i> <i>5/11/12</i>				

- 1. Volume-I, Conditions of Contract
- 2. Volume-II, Specifications
- 3. Volume-V, Post Qualification Doc
- 4. Company Profile

11

EVALUATION REPORT (TECHNICAL)

External Development & External Services

At D.H.O. Hospital, Mirpurkhas.

Aggregate Qualifying Score is 60%.

but it is mandatory to obtain at least 30% in each of the following sections.

PRE-QUALIFICATION REQUIREMENTS		MAX. MARKS OBTAINABLE	MARKS OBTAINED	Remarks
Mandatory Requirements / Eligibility:				
Firms / Contractor must possess.				
Valid registration certificate of PBC in the category C-4 or above and in Civil discipline for 2012 year:				
Valid registration certificate from Income Tax Authority (N.T.N.) is not Black Listed. (Attach all certificates and affidavit of not black listing).	Contractor's Category	C-4		Pass Not Attached
	Discipline / Code Registration Year			Not Attached
COMPANY'S PROFILE				
Period Since Firm/Contractor is in construction business.				
(Attach PBC License for each year)	10	1985		Partial Affidavit PBC License for this year
Up to 05 Years.	2			
Up to 10 Years.	5			
Above 10 Years.	10			
Office Facilities.	5			
In Sindh Province:	3			
In any other Province / Islamabad / Outside Country:	1			
	1			
	15		0	
Total Section (A)			0	
Attained % Age.			0	FAIL

EVALUATION REPORT (TECHNICAL)

External Development & External Services
At D.H.Q. Hospital, Mirpurkhas.

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

FEE QUALIFICATION REQUIREMENTS		MAX. MARKING PER SECTION	M/M. KAMRAN BUILDERS
EQUIPMENT CAPABILITY.			
Critical equipment and number required for the project shall be specified by the Procuring Agency.	10		
High value equipment should be an option to own, lease or hire.	3		
Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects.	3	5.00	Deal Share Attended
	4		
Total Section (D)	10	5	
Attained %age.		50	PASS
FINANCIAL SOUNDNESS / STATUS.			
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)			
Less than 15% of Estimated Cost of this Work.			
16-25% of Estimated Cost of this Work.	5		
26-40% of Estimated Cost of this Work.	10		
More than 40% of Estimated Cost of this Work.	20		
	25		
Total Section (E)	25	0	
Attained %age.		0	FAIL
TOTAL	100	20	
Total Attained %age.		20.00	FAIL
Position			
Remarks:			
No. of Attached Documents:			

Car

(Note Quality) Falls in all mandatory provisions, Section A, C, E and not attach documentary evidence.

- 1. Volume-I, Conditions of Contract
- 2. Volume-II, Specifications
- 3. Volume-V, Post Qualification Doc.
- 4. Company Profile

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EVALUATION REPORT (TECHNICAL)

External Development & External Services
At D.H.Q. Hospital, Mirpurkhas.

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

FIRM QUALIFICATION PARAMETERS		MAX. MARKS SUB-SECTION	NO. FIRM'S QUALIFYING
Mandatory Provisions / Eligibility:			
Firms / Contractor must possess.			
Valid registration certificate of PBC in the category C-4 or above and in Civil discipline for 2012 year:	Contractor's Category	C-3	1
Valid registration certificate from Income Tax Authority (N.T.N.) is not Black Listed. (Attach all certificates and affidavit of not black listing).	Discipline / Code Registration Year	CE-10 & BE-01 2012	1
COMPANY'S PROFILE			
Period Since Firm/Contractor is in construction business. (Attach PBC Licence for each year)			
Up to 05 Years.	10	2002	1
Up to 10 Years.	2		1
Above 10 Years.	5		1
Office Facilities.	10		10
	5		
In Sindh Province.	3		3
In any other Province/ Islamabad/ Outside Country.	1		
	1		
	15		13
	87		PASS

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EVALUATION REPORT (TECHNICAL)

External Development & External Services
At D.H.Q. Hospital, Mirpurkhas.

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

FOR QUALIFICATION REQUIREMENTS

MAX MARKS
TOTAL

% of Passes in Specific Works

GENERAL EXPERIENCE RECORD

Projects of similar nature and complexity completed over last 05 years.
(2 Marks for each project) (Attach satisfactory completion certificates)

Projects of similar nature and complexity in hand.
(3 Marks for each project having cost 100 million or above)
(Attach Copies of Work orders)

PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.
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 Allocated	Remarks	02 Marks for experience of 5 to 10 years. 05 Marks for above 10 years. The payment schedule showing at least 1 year continuous employment with firm. 1 additional Mark for S.D.C. (Civil Engg./V.L.E. (Civil))	02 Marks for 2 years experience. 05 Marks for above 02 years.	02 Projects	02 Projects	02 D.A.Ss.	Pass
1	Job (Civil Engg./ or Civil Engineer Registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02 Nos.	10				10	02 Engineers	10	Salary Slip Attached.
2	Diploma in Civil Engineering with experience of 1 year or above.	02 Nos.	10				10	02 D.A.Ss.	9	
Total Section (B)							30		25	
Attached Kaps.							20		03	Pass
Following factors may be used as a guideline.							20		20	
Total Section (C)							20		19	
Attached Kaps.							20		95	Pass

Signature

EVALUATION REPORT (TECHNICAL)

External Development & External Services

At D.H.Q. Hospital, Mirpurkhas.

Aggregate Qualifying Score is 60%.

but it is mandatory to obtain at least 30% in each of the following sections

PRE QUALIFICATION PARAMETERS

MAX. MARKS FOR TOTAL

Min. Passmark Specific Marks

EQUIPMENT CAPABILITY.

Critical equipment and number required for the project shall be specified by the Procuring Agency.

High value equipment should be an option to own, lease or hire.

Total equipment available with the applicant is to be listed along with the current mobilization on on-going projects.

FINANCIAL SOUNDNESS / STATUS.

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)

Less than 15% of Estimated Cost of this Work.

16-25% of Estimated Cost of this Work.

26-40% of Estimated Cost of this Work.

More than 40% of Estimated Cost of this Work.

Total Section (B)	25	10	10
Achieved %age		40	PASS
TOTAL	100	72	PASS
Total Attained %age.		72.28	PASS

Remarks:

Cur

Quality

List of Attached Documents

1. Volume-I, Conditions of Contract
2. Volume-II, Specifications
3. Volume-V, Post Qualification Doc
4. Company Profile

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External Development & External Services At Mirpurkhas, Sindh.

Section: D) EQUIPMENT CAPABILITY.

M/s. Muhammad Haseeni Builders.

Sr.	Description	Qty.	Unit	Marks	Available Qty. (A)	Unit	Attached Marks T = M x (A / Required Quantity).
1	Excavator (Shovel / Back Hoe)	1	Nos.	0.5		Nos.	0
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75		Nos.	0
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25		Nos.	0
4	Dumper Truck	2	Nos.	0.75		Nos.	0
5	Tractor with Trolley	1	Nos.	0.375		Nos.	0
6	Asphalt Paving Machinery & Rollers (PTRS, Asphalt Paver Tandem Roller etc.)	1	Nos.	0.5		Nos.	0
7	Vibratory Roller 1Ton	1	Nos.	0.375		Nos.	0
8	Plate Compactor & Frog Compactor	4	Nos.	0.125		Nos.	0
9	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25		Nos.	0
10	Air Compressor (15 HP Cap.)	1	Nos.	0.5		Nos.	0
11	Generator 100KVA	1	Nos.	1		Nos.	0
12	Mobile Generator 50 KVA with Flood Light Set	1	Nos.	0.5		Nos.	0
13	Concrete Mixer Machine	4	Nos.	1		Nos.	0
14	Steel cutting & Bending Machine.	2	Nos.	0.125		Nos.	0
15	Shuttering (Formwork) 50000 Sq.ft.	1	Set	1		Set	0
16	Scaffolding Pipe 40000 R.Ft.	1	Set	1		Set	0
17	Theodolite / Total Station with Staff etc.	1	Set	0.125		Set	0
18	Dewatering Pumps	2	Sets	0.125		Sets	0
19	Allied Construction Tools & Plants.	5	Sets	0.5		Sets	0
20	Suzuki Van	2	Nos.	0.25		Nos.	0
Total Marks				10			0.00

Suzuki Van
11

External Development & External Services At Mirpurkhas, Sindh.

Section: D) EQUIPMENT CAPABILITY.

M/s. Kamran Builders.

Sl. No.	Description	Qty.	Unit	Marks	Available Qty. (A)	Unit	Attained Marks T = M x (A / Required Quantity).
1	Excavator (Shovel / Back Hoe)	1	Nos.	0.5		Nos.	0
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75		Nos.	0
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25		Nos.	0
4	Dumper Truck	2	Nos.	0.75		Nos.	0
5	Tractor with Trolley	1	Nos.	0.375	1	Nos.	0.375
6	Asphalt Paving Machinery & Rollers (PRTs, Asphalt Paver Tandem Roller etc.)	1	Nos.	0.5		Nos.	0
7	Vibratory Roller 11ton	1	Nos.	0.375		Nos.	0
8	Plate Compactor & Frog Compactor	4	Nos.	0.125	4	Nos.	0.125
9	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25	4	Nos.	0.25
10	Air Compressor (15 HP Cap.)	1	Nos.	0.5	1	Nos.	0.5
1	Generator 100KVA	1	Nos.	1		Nos.	0
2	Mobile Generator 50 KVA with Flood Light Set	1	Nos.	0.5	1	Nos.	0.5
3	Concrete Mixer Machine	4	Nos.	1	3	Nos.	0.75
4	Steel cutting & Bending Machine.	2	Nos.	0.125		Nos.	0
5	Shuttering (Formwork) 50000 Sq.ft.	1	Set	1	1	Set	1
6	Scaffolding Pipe 40000 R.ft.	1	Set	1	1	Set	1
7	Theodolite / Total Station with Staff etc.	1	Set	0.125	1	Set	0.125
8	Dewatering Pumps	2	Sets	0.125	2	Sets	0.125
9	Allied Construction Tools & Plants.	5	Sets	0.5	2.5	Sets	0.25
0	Suzuki Van	2	Nos.	0.25		Nos.	0
Total Marks				10			5.00

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External Development & External Services At Mirpurkhas, Sindh.

Section: D) EQUIPMENT CAPABILITY.

Sr.	Description	Qty.	Unit	Marks	M/s. Pakistan Electric Works.		
					Available Qty. (A)	Unit	Attached Marks T = M x (A / Required Quantity).
1	Excavator (Snowel / Back Hoe)	1	Nos.	0.5	1	Nos.	0.5
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75	1	Nos.	0.75
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25	1	Nos.	0.25
4	Dumper Truck	2	Nos.	0.75	1	Nos.	0
5	Tractor with Trolley	1	Nos.	0.375	1	Nos.	0.375
6	Asphalt Paving Machinery & Rollers (PTRs, Asphalt Paver Tan dem Roller etc.)	1	Nos.	0.5	0	Nos.	0
7	Vibratory Roller 11Ton	1	Nos.	0.375	1	Nos.	0.375
8	Plate Compactor & Frog Compactor	4	Nos.	0.125	1	Nos.	0.125
9	Air Compressor (15 HP Cap.)	1	Nos.	0.5	0	Nos.	0
10	Generator 100KVA	1	Nos.	1	0	Nos.	0
11	Mobile Generator 50 KVA With Flood Light Set	1	Nos.	0.5	1	Nos.	0.5
12	Concrete Mixer Machine	4	Nos.	1	1	Nos.	1
13	Steel cutting & Bending Machine.	2	Nos.	0.125	0	Nos.	0
14	Shuttering (Formwork) 50000 Sq.ft.	1	Set	1	1	Set	1
15	Scaffolding Pipe 40000 R.ft.	1	Set	1	1	Set	1
16	Theodolite / Total Station with Staff etc.	1	Set	0.125	1	Set	0.125
17	Dewatering Pumps	2	Sets	0.5	0	Sets	0
18	Allied Construction Tools & Plants.	5	Sets	0.25	0	Sets	0
19	Suzuki Van	2	Nos.	10	0	Nos.	0
Total Marks				10	0		5.28

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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 DHO Hospital in Sindh.

Client:
Health Department

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



ATIF NAZIR 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.

• **DHO Hospital Nosharo Feroze.**

Sr.	Participated Contractor	Marks Attained	Total Marks	% age	Position	Remarks
1.	M/s. ZIA Services	60	100	60%	1st	Quality

C. J. F.
 Director General Health Services Sindh
 (Chairman)

Project Director DHO/THQ Hospitals in Sindh
 (Member)

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

W. H. O.
 W.H.O. Operation Officer
 (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, Noshahr Feroze.

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

PBC QUALIFICATION PARAMETERS	MAX MARKS SUB TOTAL	Min. ZLA Services	Remarks
Mandatory Provisions / Eligibility:			
Firm / Contractor must possess.			
Valid registration certificate of PBC in the category C4 or above and in CIVIL discipline for 2012 year.	Contractor's Category Discipline / Code Registration Year	C4 CB-10 2011	
Valid registration certificate from Income Tax Authority (N.T.N.); is not Black Listed. (Attach all certificates and affidavit of not black listing).		✓	
COMPANY'S PROFILE			
Period Since Firm/ Contractor is in construction business. (Attach PBC License for each year)	10	2002	Final Mark Performance for each year
Up to 05 Years.	2		
Up to 10 Years.	5		
Above 10 Years.	10		
Office Facilities.	5		
In Sindh Province.	3		
In any other Province / Islamabad.	1		
Outside Country.	1		
Total Section (A) Attached Page.	15		
	33		Pass



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EVALUATION REPORT (TECHNICAL)

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

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

PREQUALIFICATION PARAMETERS

MAX MARKS SUB
TOTAL

MIN. Z.L.A. Services

GENERAL EXPERIENCE RECORD

Projects of similar nature and complexity completed over last 05 years.
 (3 Marks for each project) (Attach satisfactory completion certificates)

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		30	
Total Section (B)	30		19	
Attained % age.			63	Pass

PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.

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	Remarks	01 Marks	02 Marks	03 D.A.Bs	Pass
1	03 (Civil Engg./ Bsc (Civil) Engineers Registered with Pakistan Engineering Council (PEC) with experience of 05 years or above.	10	10	03 Marks for experience of 5 to 10 years. 03 Marks for above 10 years. (Attach the payment documents showing at least 1 year continuous employment with firm.) 1 additional Mark for M.Sc. (Civil Engg./M.A. (Civil))	10		04 Engineers	10
2	04 Diploma in Civil Engineering with experience of 2 years or above.	10	10	02 Marks for 2 years experience. 02 Marks for above 02 years.	10		05 D.A.Bs	6
Total Section (C)					20			16
Attained % age.					80			Pass



Signature

Signature

EVALUATION REPORT (TECHNICAL)

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

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

PRE-QUALIFICATION PARAMETERS		MAX. MARKS PER TOTAL	NO. Z.I.A. SERVICES
EQUIPMENT CAPABILITY:			
Critical equipment and number required for the project shall be specified by the Procuring Agency.	10	10	
High value equipment should be an option to own, lease or hire.	3	3	
Total equipment available with the applicant is to be listed along with its current immobilization on on-going projects.	3	3	
	4	4	
Total Section (D)	10	10	
Attained % age.		100	Pass
FINANCIAL SOUNDNESS / STATUS:			
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 firms / contractor's bankers.			
Working Capital in hand for this project / work. (Attach proof of Bank Statement / Credit Facilities)			
Less than 15% of Estimated Cost of this Work.	5		
16 -25 % of Estimated Cost of this Work.	10	10	Low part Cost Audited now.
26 -40% of Estimated Cost of this Work.	20		
More than 40% of Estimated Cost of this Work.	25		
Total Section (E)	25	10	
Attained % age.		40	Pass
TOTAL	100	60	Pass
Total Attained % age.		60	Pass
Position		1st.	
Remarks			
List of Attached Documents.			



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1. Volume V, Post Qualification Disc
2. Company Profile.

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**Government of Sindh
Health Department (Development Wing)**

EVALUATION REPORT (TECHNICAL)

**External Development & External Services
At D.H.Q. Hospital,**

Dadu, 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: External Development and External Services Work at DHQ Hospital Dadu

DHO Hospital Dadu

Sr.	Participated Contractor	Marks Attained	Total Marks	% age	Position	Remarks
1.	M/s. Pakistan Electric Works.	72.28	100	72.28%	1st	Quality
2.	M/s. Muhammad Hasni Builders.	63.88	100	63.88%	2nd	Quality
3.	M/s. Global Enterprises. Technical	0.00	100	0.00%	N/A	Disqualify

Director General Health Services Sindh
(Chairman)

Project Director-GHQ/THQ Hospitals in Sindh
(Member)

Additional Secretary (Dev.) Health Dept
(Member)

W.H.O. Operation Officer
(Member)

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

EVALUATION REPORT (TECHNICAL)

External Development & External Services

A.D.H.Q. Hospital, Dadu.

Aggregate Qualifying Score is 60%,

but it is mandatory to obtain at least 50% in each of the following sections.

REGISTRATION PARAMETERS

MAX. MARKS SIN
TOTAL

% Minimum Passed Candidates

GENERAL EXPERIENCE RECORD

Projects of similar nature and complexity completed over last 05 years.
(3 Marks for each project) (Attach satisfactory completion certificates)

Projects of similar nature and complexity in hand.

(5 Marks for each project having cost 100 Million or above)
(Attach Copies of Work orders.)

PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.

Requirement of persons will vary from Project to Project

Following factors may be used as a guideline.

Sr. No	Description / Position with qualification & experience	Member Required	Marks Awarded	Remarks	03 Marks for above 10 years. The project should be above at least 1 year continuous employment with firm.) 1 additional Mark for M.B. (Civil Engg./M.A. (Civil)	02 Marks for 2 years experience. 03 Marks for above 02 years.	01 Projects	05 Projects	01 Projects	5	14	47	20	20	100	PASS
1	M.B. (Civil Engg./ M.A. (Civil) Engineers Registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.		10				04 Engineers	10								
2	Diploma in Civil Engineering with experience of 2 years or above.		10				3 D.A.B.	10								
Total Section (B)					Attained %age		30	30	14	47	20	20	100	PASS		
Total Section (C)					Attained %age		20	20	100	PASS						

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EVALUATION REPORT (TECHNICAL)

External Development & External Services

At D.H.Q. Hospital, Dadu.

Aggregate Qualifying Score is 60%,
but it is mandatory to obtain at least 50% in each of the following sections

PRE-QUALIFICATION PARAMETERS

MARK MARKS OBTAINED
TOTAL

Marks Obtained/Total Available

EQUIPMENT CAPABILITY.

Critical equipment and number required for the project shall be specified by the Procuring Agency.

High value equipment should be an option to own, lease or hire.

Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects.

FINANCIAL SOUNDNESS / STATUS.

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)

Less than 15% of Estimated Cost of this Work.			
16-25% of Estimated Cost of this Work.	5		
26-40% of Estimated Cost of this Work.	10	10	
More than 40% of Estimated Cost of this Work.	20		
	25		
	25		

Total Section (B)	25	10	
Attained %age.	40		PASS
TOTAL	100	63.88	PASS

Remarks.

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List of Attached Documents.

1. Volume-I, Conditions of Contract
2. Volume-II, Specifications
3. Volume-V, Post Qualification Doc.
4. Company Profile

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EVALUATION REPORT (TECHNICAL)

External Development & External Services
At D.H.Q. Hospital, Dadu.

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

PRC QUALIFICATION PARAMETERS	MAX. MARKS SUB. POSSIBLE	% of Overall Technical Submissions
Mandatory Provisions / Eligibility:		
Firms / Contractor must possess.		
Valid registration certificate of PRC in the category C-4 or above and in Civil discipline for 2012 year.		
Valid registration certificate from Income Tax Authority (N.T.N.) is not Black Listed. (Attach all certificates and affidavit of not black listing).		
COMPANY'S PROFILE		
Period Since Firm/Contractor is in construction business. (Attach PRC License for each year)	Contractor's Category	
Up to 05 Years.	10	
Up to 10 Years.	2	
Above 10 Years.	5	
Office Facilities.	10	
In Sindh Province:	5	
In any other Province/ Islamabad	3	
Outside Country.	1	
	1	
	1	
	15	
Total Section (A)	0	
Attained Score	0	
	0	
		PAIL

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EVALUATION REPORT (TECHNICAL)

External Development & External Services

At D.H.Q. Hospital, Dadu.

Aggregate Qualifying Score is 60%,

but it is mandatory to obtain at least 30% in each of the following sections.

GENERAL EXPERIENCE RECORD				MAX. MARKS SET FOR TOTAL	MARKS OBTAINED	PERCENTAGE	STATUS
Projects of similar nature and complexity completed over last 05 years. (3 Marks for each project) (Attach satisfactory completion certificates)				15			
Projects of similar nature and complexity in hand. (5 Marks for each project having cost 100 Million or above) (Attach Copies of Work orders)				15			
Total Section (B)				30	0		FAIL
Attained %age				20			
PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.							
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	Remarks			
1	100 (Civil Engg./ B.E. (Civil) Engineers Registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02 Nos.	10	05 Marks for experience of 3 to 10 years. 05 Marks for above 10 years. The payment shall be stored at least 1 year continuous employment with firm. 1 additional Mark for M.B. (Civil Engg./ M.E. (CivE))	10		
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.	10		
Total Section (C)				20	0		
Attained %age				0			FAIL

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EVALUATION REPORT (TECHNICAL)

External Development & External Services

At D.H.Q. Hospital, Daidu.

Aggregate Qualifying Score is 60%.

but it is mandatory to obtain at least 30% in each of the following sections

FIRM QUALIFICATION PARAMETERS		MAX. MARKS (OUT OF 100)	MARKS OBTAINED	% of Potential Marks	Remarks
Mandatory Provisions / Eligibility:					
Firms / Contractor must possess.					
Valid registration certificate of PBC in the category C-4 or above and in Civil discipline for 2012 year:	Contractor's Category	C-4			Not Attached
Valid registration certificate from Income Tax Authority (N.T.N.) is not Black Listed. (Attach all certificates and affidavit of not black listing).	Discipline / Code Registration Year	CE-10 & BE-04 2012			
COMPANY'S PROFILE:					
Period Since Firm/Contractor is in construction business. (Attach PBC License for each year)	10	2002			Not Attached (PBC License for 2012)
Up to 05 Years.	2				
Up to 10 Years.	5				
Above 10 Years.	10		10		
Office Facilities.	5				
In Sindh Province.	3		3		Office in Karachi, Hyderabad & Rawalpindi Mem.
In any other Province / Islamabad.	1				
Outside Country.	1				
	Total Section (A)		13		
	Attained % age		67		PASS

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EVALUATION REPORT (TECHNICAL)

External Development & External Services

A.I.D.H.O. Hospital, Dadu.

Aggregate Qualifying Score is 60%.

but it is mandatory to obtain at least 30% in each of the following sections.

PRE QUALIFICATION PARAMETERS		MAX. MARKS SUB TOTAL	% of Full-time Equivalent work.							
GENERAL EXPERIENCE RECORD										
Projects of similar nature and complexity completed over last 05 years.		30								
(2) Marks for each project (Attach satisfactory completion certificates)		15	05 Projects							
Projects of similar nature and complexity in hand.										
(3) Marks for each project having cost 100 Million or above)		15	02 Projects							
(Attach Copies of Work orders.)			10 (Work Order) Attached							
Total Section (B)		30	25							
Attained % age		20	63 Pass							
PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.										
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 Requested	Marks Assigned	Remarks	02 Marks for experience of 5 to 20 years.	03 Marks for above 19 years. The payment details showing at least 1 year continuous employment with firm.)	02 Marks for above 02 years.	02 Engineers	03 D.A. Es.	Salary Slips Attached.
1	02 (Civil Engg./ Bsc (Civil) Enggmen Registered with Pakistan Engineering Council (PEC) with experience of 5 years or above.	02 Nos.	18	02 Marks for above 19 years. The payment details showing at least 1 year continuous employment with firm.)	10	02 Engineers	10	02 Engineers	9	
2	Diploma in Civil Engineering with experience of 2 years or above.	04 Nos.	10	02 Marks for 2 years experience		03 D.A. Es.	19			
Total Section (C)			20				95			Pass
Attained % age										

External Development & External Services At Dadu, Sindh.

Section: D) EQUIPMENT CAPABILITY.

M/s. Muhammad Haseel Builders.

Sr.	Description	Qty.	Unit	Marks	Available Qty. (A)	Unit	Attached Marks T = M x (A / Required Quantity).
1	Excavator (Shovel / Back Hoe)	1	Nos.	0.5	1	Nos.	0.5
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75	1	Nos.	0.75
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25		Nos.	0
4	Dumper Truck	2	Nos.	0.75	2	Nos.	0.75
5	Tractor with Trolley	1	Nos.	0.375	1	Nos.	0.375
6	Asphalt Paving Machinery & Rollers (PTRs, Asphalt Paver, Tandem Roller etc.)	1	Nos.	0.5		Nos.	0
7	Vibratory Roller 1Ton	1	Nos.	0.375	1	Nos.	0.375
8	Plate Compactor & Frog Compactor	4	Nos.	0.125		Nos.	0
9	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25	2	Nos.	0.125
10	Air Compressor (15 HP Cap.)	1	Nos.	0.5	1	Nos.	0.5
11	Generator 100KVA	1	Nos.	1	1	Nos.	1
12	Mobile Generator 50 KVA With Flood Light Set	1	Nos.	0.5		Nos.	0
13	Concrete Mixer Machine	4	Nos.	1	4	Nos.	1
14	Steel cutting & Bending Machine.	2	Nos.	0.125		Nos.	0
15	Shuttering (Formwork) 50000 Sq.ft.	1	Set	1	0.25	Set	0.25
16	Scaffolding Pipe 40000 R.ft.	1	Set	1	0.25	Set	0.25
17	Theodolite / Total Station with Staff etc.	1	Set	0.125		Set	0
18	Dewatering Pumps	2	Sets	0.125		Sets	0
19	Allied Construction Tools & Plants.	5	Sets	0.5		Sets	0
20	Suzuki Van	2	Nos.	0.25		Nos.	0
Total Marks				10			5.88

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External Development & External Services At Dadu, Shadi.

Section: D) EQUIPMENT CAPABILITY.

Sr.	Description	Qty.	Unit	Marks	M/s. Global Technical Enterprises.		
					Available Qty. (A)	Unit	Attained Marks T = M x (A / Required Quantity).
1	Excavator (Shovel / Back Hoe)	1	Nos.	0.5			0
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75			0
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25			0
4	Dumper Truck	2	Nos.	0.75			0
5	Tractor with Trolley	1	Nos.	0.375			0
6	Asphalt Paving Machinery & Rollers (PRTs, Asphalt Power Tanden Roller etc.)	1	Nos.	0.5			0
7	Vibratory Roller 1Ton	1	Nos.	0.375			0
8	Plate Compactor & Frog Compactor	4	Nos.	0.125			0
9	Air Compressor (Large Shaft / Small Shaft)	4	Nos.	0.25			0
10	Generator 100KVA	1	Nos.	0.5			0
2	Mobile Generator 50 KVA with Flood Light Set	1	Nos.	0.5			0
3	Concrete Mixer Machine	4	Nos.	1			0
4	Steel cutting & Bending Machine.	2	Nos.	0.125			0
5	Shuttering (Formwork) 50000 Sq.ft.	1	Set	1			0
6	Scaffolding Pipe 40000 R.ft.	1	Set	1			0
7	Theodolite / Total Station with Staff etc.	1	Set	0.125			0
8	Dewatering Pumps	2	Sets	0.125			0
9	Allied Construction Tools & Plants.	5	Sets	0.5			0
2	Suzuki Van	2	Nos.	0.25			0
Total Marks				10			0.00

External Development & External Services At Dadu, Shindh.

Section: D) EQUIPMENT CAPABILITY.

M/s. Pakistan Electric Works.

Sr.	Description	Qty.	Unit	Marks	Available Qty. (A)	Unit	Attained Marks T = M x (A / Required Quantity).
1	Excavator (Shovel / Back Hoe)	1	Nos.	0.5	1	Nos.	0.5
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	Nos.	0.75	1	Nos.	0.75
3	Bobcat Loader (Mini Loader)	1	Nos.	0.25	1	Nos.	0.25
4	Dumper Truck	2	Nos.	0.75		Nos.	0
5	Tractor with Trolley	1	Nos.	0.375	1	Nos.	0.375
6	Asphalt Paving Machinery & Rollers (PTRs, Asphalt Paver Tan dem Roller etc.)	1	Nos.	0.5		Nos.	0
7	Vibratory Roller 1Ton	1	Nos.	0.375	1	Nos.	0.375
8	Plate Compactor & Frog Compactor	4	Nos.	0.125	1	Nos.	0.03125
9	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25	1	Nos.	0.0625
10	Air Compressor (15 HP Cap.)	1	Nos.	0.5	0	Nos.	0
11	Generator 100KVA	1	Nos.	1	0	Nos.	0
12	Mobile Generator 50 KVA With Flood Light Set	1	Nos.	0.5	1	Nos.	0.5
13	Concrete Mixer Machine	4	Nos.	1	1	Nos.	0.25
14	Steel cutting & Bending Machine.	2	Nos.	0.125	0	Nos.	0
15	Shuttering (Formwork) 50000 sq.ft.	1	Set	1	1	Set	1
16	Scaffolding Pipe 40000 R.ft.	1	Set	1	1	Set	1
17	Theodolite / Total Station with Staff etc.	1	Set	0.125	1	Set	0.125
18	Dewatering Pumps	2	Sets	0.125	1	Sets	0.0625
19	Allied Construction Tools & Plants.	5	Sets	0.5	0	Sets	0
20	Suzuki Van	2	Nos.	0.25	0	Nos.	0
Total Marks					10		5.28

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**UPGRADATION OF HQ HOSPITALS TO THE LEVEL OF DHQ HOSPITALS IN SINDH
"AT UMERKOT"**

Assessment Report on Technical / Post Qualification Document

(Evaluation Criteria : minimum qualifying marks = 70)

S. #	Technical / Post Qualification Parameters	Max. Marks Sub Total	Max. Total Marks	M/s. Ammar Enterprises	Marks Obtained	M/s. Hi-Tech Constructors	Marks Obtained
1	2	3	4	5		6	
6	Litigation						
6.a	Affidavit on Stamp Paper of current date regarding non involent in the litigation / arbitration.	2.00		NI	-	NI	-
6.b	Affidavit on Stamp Paper of current date that the firm has never been blacklisted	2.00		NI	-	NI	-
			4.00		-		-
7	List of References						
7.a	Satisfactory performance certificate from Clients or Consultants	5.00		NI	-	NI	-
			5.00		-		-
8	Construction Methodology						
8.a	Project Construction Methodology for performing the work	10.00		NI	-	NI	-
			10.00		-		-
9	Certification - Signature						
9.a	Seal and Sign the Technical / Post Qualification Documents	3.00		NI	-	✓	3.00
			3.00		-		3.00
Total Marks			100.00		27.70		33.15

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**UPGRADATION OI - /HQ HOSPITALS TO THE LEVEL C¹ DHQ HOSPITALS IN SINDH
"AT UMERKOT"**

Assessment Report on Technical / Post Qualification Document

(Evaluation Criteria : minimum qualifying marks = 70)

S. #	Technical / Post Qualification Parameters	Max. Marks Sub Total	Max. Total Marks	M/s. Ammar Enterprises	Marks Obtained	M/s. HI-Tech Constructors	Marks Obtained
1	2	3	4	5		6	
1	Company's Information						
1.a	Full Name of the Company / Firm	0.50		✓	0.50	✓	0.50
1.b	Registered Office Address	0.50		✓	0.50	✓	0.50
1.c	Description of Company / Firm	0.50		Proprietorship	0.50	Proprietorship	0.50
1.d	Telephone Numbers	0.50		✓	0.50	✓	0.50
1.e	E-mail / Fax Number	0.50		✓	0.50	✓	0.50
1.f	Name of present Executive Director with Bio-Data	0.50		No CV attached	0.25	No CV attached	0.25
			3.00		2.75		2.75
2	Business Setup & Financial Data						
2.a	Type of Business Organization (Corporation, Joint Venture, Partnership etc.)			Proprietorship		Proprietorship	
i)	If Joint Venture, Names of the Joint Venture Partners with name of Leading Partner	2.00		NA	-	NA	-
ii)	If Partnership, Names of the Partners with position held by each Partner	3.00		NA	-	NA	-
iii)	If Corporation, provide the Name and the Title of Principals (President, Vice President, etc.)	4.00		NA	-	NA	-
2.b	Date Business Founded	1.00		1984	1.00	1998	1.00
2.c	Under Present Management since	1.00		1984	1.00	1998	1.00
2.d	Proof of Registration with Income Tax Department (ITN Certificate), supported by Income Tax returns along with Audit Report for the last three years						
	2011 - 2012	1.00		Tax Return x	0.50	Nil	-
	2010 - 2011	1.00		Audit Report x	0.50	✓	1.00
	2009 - 2010	1.00		Audit Report x	0.50	Nil	-
2.e	Certificate from the Bank in current date to be addressed directly to the undersigned in a sealed cover showing Financial Worth of the Firm and Credit Worthiness	3.00		Nov 2012 Financial Worth x Credit Line x	-	Mar 2011 Credit Line x	-
			12.00		3.50		3.00
3	Contractor's License Currently Valid						
3.a	Valid Registration with Pakistan Engineering Council in required Category for 2012 - 2013 (Mandatory requirement)	8.00		C-2 (500 M) 31-12-2012	8.00	CB (2000 M) 31-12-2012	8.00
			8.00		8.00		8.00
4	Performance Record						
4.a	List of similar projects completed in last 5 Years (2008 - 2012) with completion cost (Form - 1) (05 marks per project)	25.00		No similar experience	-	No similar experience	-
4.b	List of Projects currently in progress (Form - 2) (02 marks per project)	10.00		81 M - 2 Nos 114 M - 1 No	6.00	✓	8.00
			35.00		6.00		8.00
5	Organization						
5.a	List of permanent Staff, full time (Technical & Administrative)	5.00		15 Employees	3.20	17 Employees	3.40
5.b	Detail of Key Technical Staff, their Qualification & Experience who would be deputed for this project (CV must be signed by the individual and minimum period with the firm is 3 years) 03 Nos. BE (Civil) = max. 06 marks 01 No. BE (Electric) = max. 02 marks 04 Nos. DAE (Civil) = max. 04 marks	12.00		3 - BE (C) 1 - BE (E) 3 - DAE (C) CV not attached 11 x 25% = 2.75	2.75	3 - BE (C) 2 - DAE (C) CV not attached 8 x 25% = 2.0	2.00
5.c	Detail of Execution Equipment, Plants, Machinery and Tools owned by the Firm & to be utilized on the project (Form - 3)	3.00		No Steel Shuttering	1.50	✓	3.00
			20.00		7.45		8.40



**UPGRADATION OF HQ HOSPITALS TO THE LEVEL OF DISTRICT HOSPITALS IN SINDH
'AT KAMBER'**

Assessment Report on Technical / Post Qualification Document

(Evaluation Criteria - minimum qualifying marks = 75)

S. #	Technical / Post Qualification Parameters	Max. Marks	Sub Total	Max. Total	Marks	Max. R. R. Associates	Marks Obtained	Max. Manager/Approved & Co.	Marks Obtained	Max. Manager & Co.	Marks Obtained
1	2	3	4	5	6	7	8	9	10	11	12
1. Company Information											
1.a	Full Name of the Company / Firm	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
1.b	Registered Office Address	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
1.c	Description of Company / Firm	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
1.d	Telephone Number	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
1.e	E-mail / Fax Number	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
1.f	Name of present Executive Director with Designation	0.50			✓	0.50	✓	0.50	✓	0.50	0.50
			3.00			3.00		3.00		3.00	3.00
2. Business Setup & Financial Data											
2.a	Type of Business Organization (Proprietorship, Partnership, etc.)				✓	Partnership	✓	Partnership	✓	Partnership	
2.b	List of Partners / Names of the Joint Venture Partners with names of Leading Parties	2.00			✓	NA	✓	NA	✓	NA	
2.c	List of Partners / Names of the Partners with position held by each Partner	3.00			✓	NA	✓	NA	✓	NA	3.00
2.d	If Corporation, provide the Name and the Title of Principals (Officers, Vice President, etc.)	4.00			✓	NA	✓	NA	✓	NA	
2.e	Date Business Plan/Plan	1.00			✓	2016	✓	1.00	✓	1.00	1.00
2.f	Under Project Management since	1.00			✓	2016	✓	1.00	✓	1.00	1.00
2.g	Proof of Registration with Income Tax Department (ITR) (Candidates supported by Income Tax returns along with Audit Report for the last three years)				✓	2014-2015	✓	1.00	✓	1.00	1.00
		1.00			✓	2015-2016	✓	1.00	✓	1.00	1.00
		1.00			✓	2016-2017	✓	1.00	✓	1.00	1.00
2.h	Candidate from the State, if current data to be assessed, clarity of the understanding in a readable user-friendly Financial Report of the firm and credit worthiness	3.00			✓	Clear	✓	1.50	✓	1.50	3.00
			12.00			9.50		8.50		8.50	12.00
3. Contractor's License Category Class											
3.a	Valid Registration with Pakistan Engineering Council in required Category for 2014-2015 (Mandatory requirement)	8.00			✓	CE-3 (2015) Group of 4000 No valid in history	✓	8.00	✓	8.00	8.00
			8.00					8.00		8.00	8.00
4. Performance Record											
4.a	List of similar projects completed in last 5 years (2009-2014) (5 marks per project)	25.00			✓	10.00	✓	20.00	✓	20.00	20.00
4.b	List of Projects currently in progress if any (3 marks per project)	10.00			✓	4.00	✓	10.00	✓	10.00	2.00
			35.00			14.00		30.00		30.00	22.00
5. Organization											
5.a	List of permanent staff, Salaries (Technical & Administrative)	5.00			✓	14 employees	✓	2.50	✓	5.00	5.00
5.b	Qualification of key Technical Staff, Post Qualification & Experience who would be required for the project (CV must be signed by the individual and maximum period with the firm is 3 years) 1) No. of Engineers - max. 03 marks 2) No. of Architects - max. 03 marks 3) No. of DAE (Civil) - max. 03 marks	12.00			✓	1. No. of Engineers - 03 2. No. of Architects - 03 3. No. of DAE (Civil) - 03	✓	6.00	✓	6.00	7.00
5.c	Detail of Executive Equipment, Plant, Machinery and Tools owned by the firm & to be utilized on the project (if any)	3.00			✓	nil	✓	3.00	✓	3.00	3.00
			20.00			7.25		14.00		14.00	19.00
6. Experience											
6.a	Affidavit or Stamp Paper of current date regarding non involvement in any litigation with any	2.00			✓	2.00	✓	2.00	✓	2.00	2.00
6.b	Affidavit or Stamp Paper of current date that the firm has never been blacklisted	2.00			✓	2.00	✓	2.00	✓	2.00	2.00
			4.00			4.00		4.00		4.00	4.00
7. List of References											
7.a	Satisfactory performance certificate from Clients or Consultants	4.00			✓	4.00	✓	4.00	✓	4.00	4.00
			4.00			4.00		4.00		4.00	4.00
8. Examination Methodology											
8.a	Project Construction Methodology for performing the work	10.00			✓	10.00	✓	10.00	✓	10.00	10.00
			10.00			10.00		10.00		10.00	10.00
9. Certification - Signature											
9.a	Sign and Sign the Technical / Post Qualification Documents	3.00			✓	3.00	✓	3.00	✓	3.00	3.00
			3.00			3.00		3.00		3.00	3.00
Total Marks			100.00			47.75		47.75		70.50	76.00





A.P. KALAM ASSOCIATES

External Development & External Services.
At D.H.Q. Hospital, Dadu.
ENGINEER'S ESTIMATE

SUMMARY

	Engineer's Estimate	Approved PC-1 Cost / Provisions	M/s. Muhammad Hasni Builders
Total Construction of Boundary Wall.	Rs. 11,643,133.00	Rs. 4,830,000.00	Rs. 16,370,384.00
Total Construction of Parking Shed.	Rs. 1,977,707.90	Rs. 2,300,000.00	Rs. 3,158,632.84
Total Construction of Under Ground Water Tank.	Rs. 4,466,624.00	Rs.	Rs. 5,904,504.00
Total Land Scaping & External Development.	Rs. 21,347,454.93	Rs. 76,567,868.00	Rs. 36,833,953.80
Total External Plumbing Works.	Rs. 14,539,552.50	Rs.	Rs. 15,837,845.00
Total External Electrical Works.	Rs. 37,414,505.00	Rs.	Rs. 46,799,219.60
Grand Total	Rs. 91,388,977.33	Rs. 83,697,868.00	Rs. 124,904,539.24

Dr. Ashraf Malik
Project Director

Dr. H. H. Khan
AD. Director (P&I)

Dr. M. A. Khan
AD. Director (P&I)


Dr. F. D.


Bid Evaluation Report


1. Name of Procuring Agency: Project Director, Rehabilitation of DHQ / THQ Hospitals in Sindh.
2. Tender Reference No: INF/KRY: NO. 19/13
3. Tender Description/Name of work/item: External Development & External Services At D.H.Q. Hospital, At D.H.Q. Hospital, Mirpurkhas, Sindh.
4. Method of Procurement: Single Stage – Two Envelope Procedure
5. Tender Published: Daily Duniya Dated 3/1/2013 & Daily Jang Dated 4/1/2013
SPPRA Web Site ID #10558/2012
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold; Three Nos.
7. Total Bids Received: Three Nos.
8. Technical Bid Opening date: (if applicable) 21/01/2013 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): Two Nos.
10. Bid(s) Rejected: One Nos.
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 Pakistan Electric Works	110.888 As per Calculation	1st Lowest	96.457 Approved PC-1 Cost / Provisions	With in PC-1 Cost / Provisions of 14.96%	Recommended for Award of Work
2	M/s Muhammad Hasni Builders	153.872 As per Tender	2nd Lowest	96.457 Approved PC-1 Cost / Provisions	Above PC-1 Cost / Provisions	Responsive


Project Director DHQ/THQ Hospitals in Sindh
(Member)


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


Rep. of Special Secretary Finance Dept
(Member)


W.H.O. Operation Officer
(Member)


Director General Health Services Sindh
(Chairman)



SUMMARY

	Engineer's Estimate		Approved PC-1 Cost / Provisions		M/s Pakistan Electric Works		M/s Muhammad Hasni Builders	
	Rs.		Rs.		Rs.		Rs.	
Total Construction of Boundary Wall.	Rs.	10,149,908.00	Rs.	5,520,000.00	Rs.	13,279,262.50	Rs.	13,455,292.00
Total Construction of Parking Shed.	Rs.	1,977,707.90	Rs.	2,300,000.00	Rs.	5,201,540.22	Rs.	5,488,036.44
Total Construction of Under Ground Water Tank.	Rs.	4,466,624.00	Rs.		Rs.	4,640,047.00	Rs.	4,770,955.00
Total Land Scaping & External Development.	Rs.	21,158,729.80	Rs.	76,636,868.00	Rs.	35,338,551.95	Rs.	47,780,451.25
Total External Plumbing Works.	Rs.	14,494,885.00	Rs.		Rs.	17,105,821.00	Rs.	21,950,226.00
Total External Electrical Works.	Rs.	38,950,295.00	Rs.		Rs.	51,526,539.54	Rs.	60,427,332.00
Grand Total	Rs.	91,198,149.70	Rs.	84,456,868.00	Rs.	127,091,762.21	Rs.	153,872,292.69
Add Transformers / HT-LT Panels Provisions(7.00)/ Contingency(5.00 M)	Rs.		Rs.	12,000,000.00				
Rebate (+ / -) if any (Minus 12.75%)					12.75%	Less Rebate		
					Rs.	16,204,199.68		



SUMMARY

Engineer's Estimate	Approved PC-1 Cost / Provisions	M/s Pakistan Electric Works	M/s Muhammad Hasni Builders
Rs. 91,198,149.70	Rs. 96,456,868.00	Rs. 110,887,562.53	Rs. 153,872,292.69
Grand Total after Less Rebate			
%age lower or Above than Engineers Estimate		21.59	68.72
		+	+
Position As per Approved Engineers Estimate		1st Lowest	2nd Lowest
%age lower or Above than PC-1 Cost. / Provisions.		14.96	59.52
		+	+
Position As per Approved PC-1 Cost. / Provisions.		1st Lowest	2nd Lowest





Construction of Boundary Wall.
At D.H.Q. Hospital, Mirpurkhas.
ENGINEER'S ESTIMATE

SUMMARY

	Engineers Estimate		M/s Pakistan Electric Works		M/s Muhammad Hasni Builders	
	Rs.		Rs.		Rs.	
Total (Part-A) Civil Work		10,149,908.00		13,279,262.50		13,455,292.00
Total (In Millions)	Rs.	10.150	Rs.	13.279	Rs.	13.455





Construction of Parking Shed,
At D.H.Q. Hospital, Mirpurkhas.
COMPARATIVE STATEMENT

SUMMARY

	Engineers Estimate		M/s Pakistan Electric Works		M/s Muhammad Hasni Builders	
	Rs.		Rs.		Rs.	
Total (Part-A) Civil Work		1,977,707.90		5,201,540.22		5,488,036.44
Total (In Millions)		1.978		5.202		5.488

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Construction of Under Ground Water Tank.
At D.H.Q. Hospital, Mirpurkhas.
COMPARATIVE STATEMENT
(CIVIL WORKS)

SUMMARY

	Engineer's Estimate		M/s Pakistan Electric Works		M/s Muhammad Hasni Builders	
	Rs.		Rs.		Rs.	
Total (Part-A) Civil Work		4,466,624.00		4,640,047.00		4,770,955.00
Total (In Millions)	Rs.	4.467	Rs.	4.640	Rs.	4.771



ATIF NAZAR ASSOCIATES

LAND SCAPING & EXTERNAL DEVELOPMENT
At D.H.Q. Hospital, MIRPURKHAS,
COMPARATIVE STATEMENT

SUMMARY

	Engineer's Estimate		M/s Pakistan Electric Works		M/s Muhammad Hasni Builders	
	Rs.		Rs.		Rs.	
Total Land Scaping & External Development Work		21,158,729.80		35,338,551.95		47,780,451.25

Total (In Millions)	Rs.	21.159	Rs.	35.339	Rs.	47.780
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**Comparative Statement
PLUMBING WORKS EXTERNAL
DHQ MIRPURKHAS HOSPITAL
SUMMARY**

Comparative Statement (EXTERNAL PLUMBING WORKS)				
S.NO.	DESCRIPTION	Engineer's Estimate AMOUNT (Rs.)	M/s Pakistan Electric Works AMOUNT (Rs.)	M/s Muhammad Hasni Builders AMOUNT (Rs.)
A	WATER SUPPLY & IRRIGATION SYSTEM	2,996,505	2,846,036	2,965,306
B	SEWERAGE, SOAK PITS & SEPTIC TANK	8,164,880	9,830,450	13,507,660
C	STORM WATER DRAINAGE	2,133,500	3,029,335	3,177,260
	TOTAL	13,294,885	15,705,821	19,650,226
D	WATER FILTRATION PLANT	1,200,000	1,400,000	2,300,000
	GRAND TOTAL	14,494,885	17,105,821	21,950,226



**Comparative Statement
EXTERNAL ELECTRICAL WORKS
DHQ MIRPURKHAS HOSPITAL
SUMMARY**

Comparative Statement (EXTERNAL ELECTRICAL WORKS)				
S.NO.	DESCRIPTION	Engineer's Estimate	M/s Pakistan Electric Works	M/s Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
1	Electrical Power Distribution	16,488,544	22,370,527	25,597,968
2	Communication System	2,320,196	3,848,786	4,121,490
3	External Illumination	2,513,555	3,802,037	6,934,874
4	HT Cable & Transformer	9,403,000	10,305,190	11,223,000
	Total	30,725,295	40,326,540	47,877,332
5	Generator	8,225,000	11,200,000	12,550,000
	G.Total	38,950,295	51,526,540	60,427,332



Bid Evaluation Report

1. Name of Procuring Agency: Project Director, Rehabilitation of DHQ / THQ Hospitals in Sindh.
2. Tender Reference No: INF/KRY: NO. 19/13.
3. Tender Description/Name of work/item: External Development & External Services At D.H.Q. Hospital, At D.H.Q. Hospital, DADU, Sindh.
4. Method of Procurement: Single Stage – Two Envelope Procedure
5. Tender Published: Daily Duniya Dated 3/1/2013 & Daily Jang Dated 4/1/2013
SPPRA Web Site ID #10558/2012
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold: Three Nos.
7. Total Bids Received: Three Nos.
8. Technical Bid Opening date: (if applicable) 21/01/2013 (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): Two Nos.
10. Bid(s) Rejected: One No.
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 Muhammad Hasni Builders	109.916 As per Calculation	1st Lowest	95.698 Approved PC-1 Cost / Provisions	With in PC-1 Cost / Provisions of 14.86%	Recommended for Award of Work



Project Director DHQ/THQ Hospitals in Sindh
(Member)



Additional Secretary (Dev.) Health Dept
(Member) / *Representation*



Rep. of Special Secretary Finance Dept
(Member)



W.H.O. Operation Officer
(Member)



Director General Health Services Sindh
(Chairman)



SUMMARY

	Engineer's Estimate		Approved PC-1 Cost / Provisions		M/s. Muhammad Hasni Builders	
	Rs.		Rs.		Rs.	
Total Construction of Boundary Wall.	Rs.	11,643,133.00	Rs.	4,830,000.00	Rs.	16,370,384.00
Total Construction of Parking Shed.	Rs.	1,977,707.90	Rs.	2,300,000.00	Rs.	3,158,632.84
Total Construction of Under Ground Water Tank.	Rs.	4,466,624.00	Rs.		Rs.	5,904,504.00
Total Land Scaping & External Development.	Rs.	21,347,454.93	Rs.	76,567,868.00	Rs.	36,833,953.80
Total External Plumbing Works.	Rs.	14,539,552.50	Rs.		Rs.	15,837,845.00
Total External Electrical Works.	Rs.	37,414,505.00	Rs.		Rs.	46,799,219.60
Grand Total	Rs.	91,388,977.33	Rs.	83,697,868.00	Rs.	124,904,539.24





SUMMARY

Engineer's Estimate	Approved PC-1 Cost / Provisions	M/s. Muhammad Hasni Builders
Add Transformers / HT-LT Panels Provisions(7.00M)/ Contingency(5.00 M)	Rs. 12,000,000.00	-
Rebate (+ / -) if any (Minus 12%)		
		12.00% Rs. 14,988,544.71
Grand Total after Less Rebate	Rs. 91,388,977.33	Rs. 109,915,994.53
%age lower or Above than Engineers Estimate		+
Position As per Approved Engineers Estimate		1st Lowest
%age lower or Above than PC-1 Cost. / Provisions.		+
Position As per Approved PC-1 Cost / Provisions.		1st Lowest



Construction of Boundary Wall.
At D.H.Q. Hospital, Dadu.
COMPARATIVE STATEMENT

SUMMARY

	Engineer Estimate		M/s. Muhammad Hasni Builders	
	Rs.		Rs.	
Total (Part-A) Civil Work	Rs.	11,643,133.00	Rs.	16,370,384.00
Total (In Millions)	Rs.	11.643	Rs.	16.370





Construction of Under Ground Water Tank.
At D.H.Q. Hospital, Dadu.
COMPARATIVE STATEMENT
(CIVIL WORKS)

SUMMARY

	Engineer's Estimate		M/s. Muhammad Hasni Builders	
	Rs.		Rs.	
Total (Part-A) Civil Work		4,466,624.00		5,904,504.00

Total (In Millions)	Rs.	4.467	Rs.	5.905
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EXTERNAL DEVELOPMENT
Hospital, DADU.
ENGINEER'S ESTIMATE

SUMMARY

Total Land Scaping & External Development Work	Engineer's Estimate		M/s. Muhammad Hasni Builders	
	Rs.	24,162,450.82	Rs.	36,833,953.80

Total (In Millions)	Rs.	24.162	Rs.	36.834
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**Comparative Statement
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
SUMMARY**

COMPARATIVE STATEMENT (EXTERNAL PLUMBING WORKS)			
S.NO.	DESCRIPTION	Engineer's Estimate	M/s. Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)
A	WATER SUPPLY & IRRIGATION SYSTEM	3,013,353	3,813,600
B	SEWERAGE, SOAK PITS & SEPTIC TANK	7,786,900	8,680,800
C	STORM WATER DRAINAGE	2,539,300	1,843,445
	TOTAL	13,339,553	14,337,845
D	WATER FILTRATION PLANT	1,200,000	1,500,000
	GRAND TOTAL	14,539,553	15,837,845

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Comparative Statement
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
SUMMARY

Comparative Statement			
(EXTERNAL ELECTRICAL WORKS)			
S.NO.	DESCRIPTION	Engineer's Estimate	M/s. Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)
1	Electrical Power Distribution	17,032,760	19,727,210
2	Communication System	1,283,408	1,913,678
3	External Illumination	2,530,337	4,279,992
4	HT Cable & Transformer	8,343,000	8,978,340
	Total	29,189,505	34,899,220
5	Generator	8,225,000	11,900,000
	G.Total	37,414,505	46,799,220

[Handwritten Signature]