

PROJECT DIRECTOR REHAB: DHQ/THQ HOSPITALS IN SINDH, HEALTH REPARTMENT COVERNMENT OF SINDH, KARACHI

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 sefected as lowest evaluated qualified responsive bidder for carrying-out work of following components as per the tender documents, subject to the following conditions:

(5)	NATION OF THE PROPERTY OF THE	13,279,263.00
1.	CENTERUCTION OF BOUNDARY WALL	5,201,540.00
2.	COUSTRUCTION OF PARKING SHADE	4,640,047.00
3.	CONSTRUCTION OF U.G. W. TANK	35,338,552.00
4.	LAND SCAPING & EXTERNAL DEVELOPMENT	17,105,821.00
5.	EXTERNAL PLUMBING WORKS	51,526,540.00
6.	EXTERNAL ELECTRICAL WORKS	127,091,763.00
	TC L	16,204,200.00
	L: Rebate 12.75%	110,887,563.00
	Grand Total	
	to dead Tan Million Fight hur	dred Eighty
	Irrords, Rupees: One Hundred Ten Million, Eight hungs in Thousand, Five Hundred & Sixty Three Only.	io pritos altribusero
	s Thousand, Five Hundred & Sixty Times	

^{1.} In case the competent authority is dissatisfied with the quality of your work, conduct and technical plants, the undersigned shall be at liberty either to suspend or remove your name from above contents/works shall be cancelled.

- You will not sublet the works awarded to you to any other party/firm/company without written permission from the Project Authority.
- 2% Bid so writy submitted at the time of tender will be retained & treated as performance security to ready mentioned in Contract Documents.
- 4. You are referre 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 rements:
 - (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 accounts of this Contract which is concluded at your risk and expenses will however be govern. As per conditions laid down in the Conditions of Contract given & accepted at the time of Tender.
- 6. The time interpret for the completion of work is up to 06 months, which will be reckoned from the date signing of the Contract Agreement. The civil works including Electrical & are to be executed strictly in accordance with the terms & conditions of the Contract of per Specifications. The claims will be entertained as per actual works done duly very competer very description. The Civil/Construction work is to be restricted within the Contract of the contr
- The intra of the project will be held on 09-05-2013 at 11:00 A.M in the dersigned. You are directed to please attend the same.

1.2/5/2013

Project Director Rehab: DHQ/THQ Hospitals in Sindh Karachi

C. c to

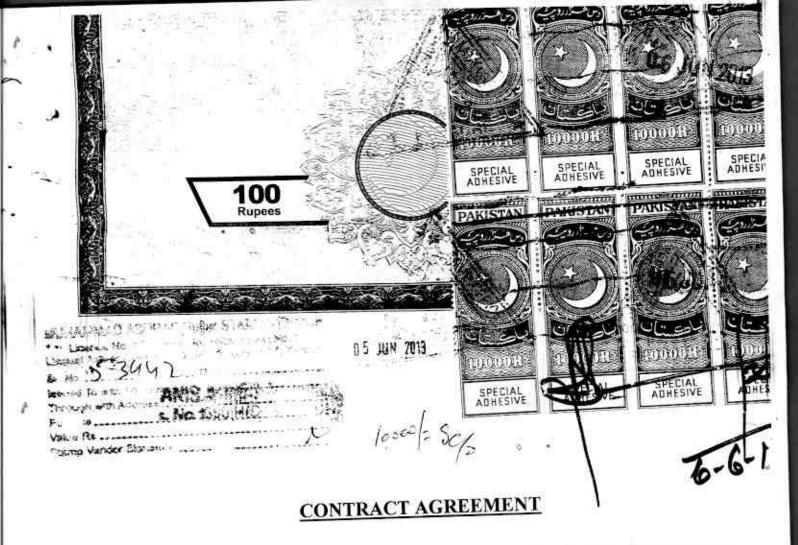
P.S to Sciency, Government of Sindh, Health Department, Karachi

M/s Atif * ^ Associates

Project Director

Rehab: DHQ/THQ Hospitals in Sindh

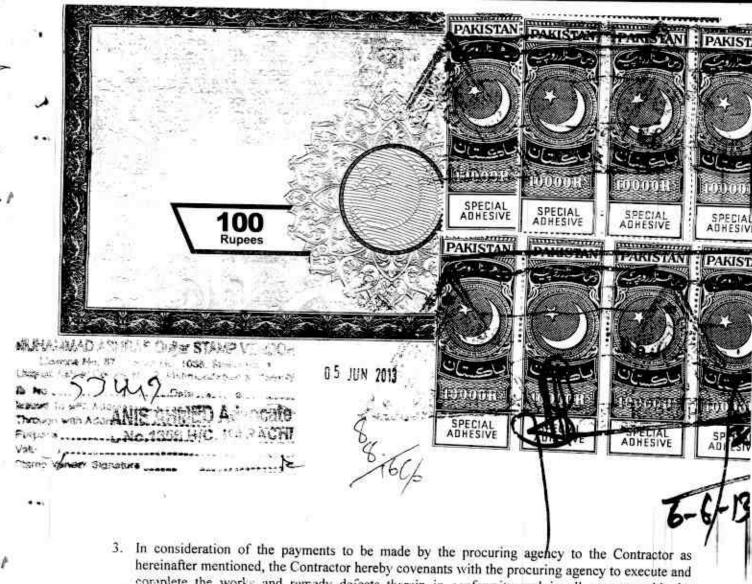
Karachi



THE CONTRACT AGREEMENT (hereinafter called the "Agreement" made on the 05 day of June , 2013 between PROJECT DIRECTOR REHABILATION 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.

- 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.
- 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)
 - b) The complete Annendices to Rid (R.C.E. to L.).



- complete the works and ramedy defeats 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.

Signatule of the Contractor Pakistan Electric Work

308, 3rd Floor, Frere Road,

Frere Business Centre, Saddar, Karnchi.

PH: 32711866, Fax # 32711867

Email: pak_electricwork@yahoo.com

Signed, Sealed and Delivered in the presence

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

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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, Nin Thousand, Nine Hundred & Ninety Four Only.	ne hundred Fifteen



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.

- You will not sublet the works awarded to you to any other party/firm/company without written permission from the Project Authority.
- 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.

- 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.
- 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

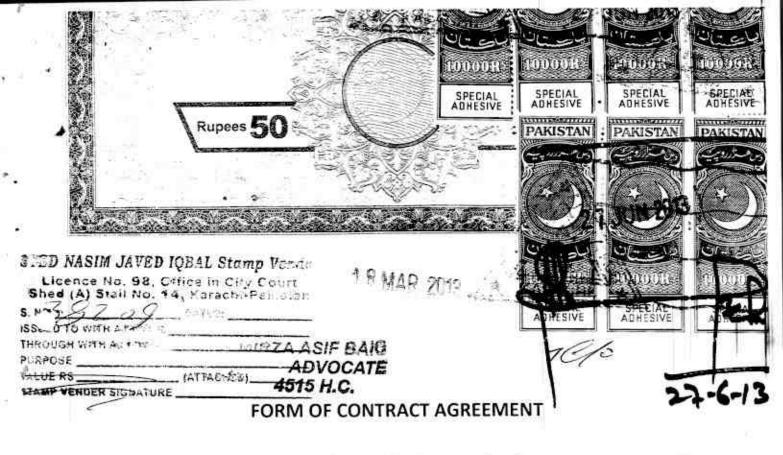
P.S to Secretary, Government of Sindh, Health Department, Karachi

M/s Atif Nazar Associates

Project Director

Rehab: DHQ/THQ Hospitals in Sindh

Karachi

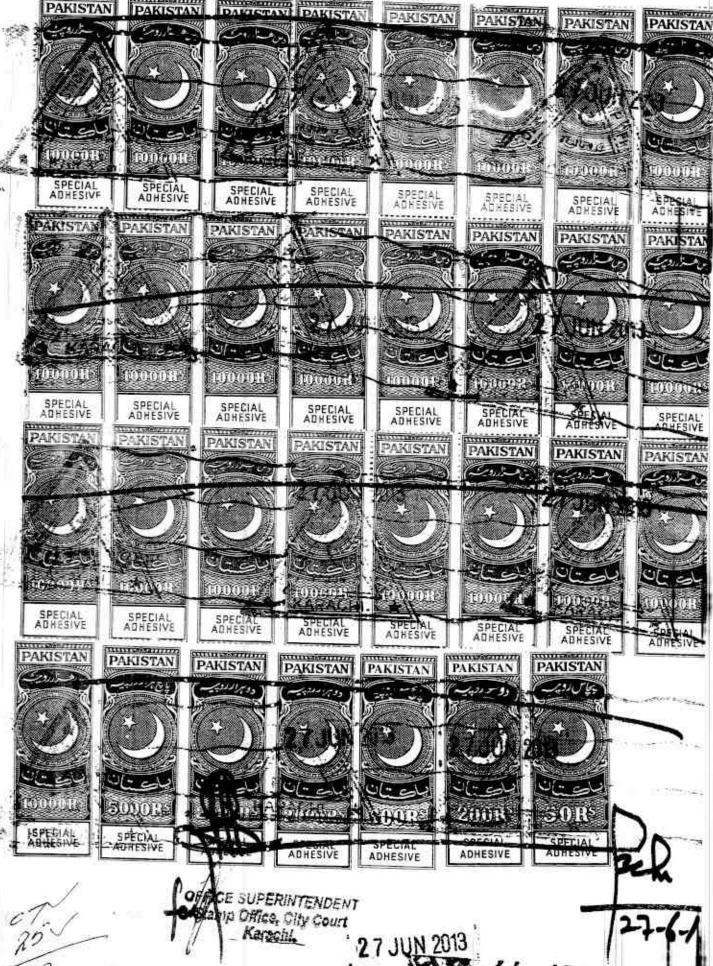


THIS CONTRACT AGREEMENT (herein after called the "Agreement") made on _____ day of _____ (month) 2013 between P.D Rehabilitation of DHQ and THQ Hospitals in Sindh (hereafter called the "Procuring Agency") of the one part and M/s. Muhammad Hasni Builders (hereafter called the Contractor) of the other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

- 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.
- 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)



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

- 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 espects 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 P

Signed, Sealed and Delivered in the presence of :

Name : S

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/DISE/ 1998/Da	te $02-05-2013$
Contract Value: 2, 110, 884	63
Contract Value: 2, 110, 88475 Contract Title: 546 6 10	hers

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]

mychen

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY CONTRACTORS.

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No. PO 1548 Contract Value: R 108	1953 Date	02	05-2013
Contract Value: R 108	, 810/38	24.	
Contract Title:	HOND I	s-de	.j.,

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.

(L)

[Procuring Agency]



[Contractor]

Karachi E

DHE Dadn.



Government of Sindh Health Department (Development Wing)

CONTRACT DOCUMENT

VOLUME - III

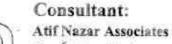
BILL OF QUANTITY

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.





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 Designment (Development Wing)

CONTRAC OCUMENT

BILL

External Develop e 2 External Services

At D. lospital,

DA J, Sindh.

Expansion & Improve

"'IQ Hospital in Sindh.

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M/s. Muha

eni Builders.



Consultant:

Atif Nazar Associates Consulting Engineers de A-3 & A-4, SB-14, She Phone:021-4982561,48.

'ain University Road, Karachi. ...info@atifnazarassociates.com



Government of Sindh Health Department (Development Wing)

VOLUME - III

PROJECT DIRECTOR REMARIDAD & THU HUSETTALS

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

Juhammad 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

> PROJECT DIRECTOR REHAB: DHQ & THQ HOSPITALS



PREAMBLE TO BILL OF QUANTITIES

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

 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.

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.

 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.

 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.

 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.

 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.



Dono 1 of 2

PREAMBLE TO BILL OF QUANTITIES

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

 All the current /upcoming taxes will be deducted as per prevailing Government Rules.

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.

 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.

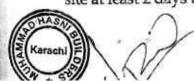
22. As the current time period is only 12 months, therefore no escalation will be

permissible in any item.

 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:_	2.5

dated:____







VOLUME - III

EXTERNAL DEVELOPMENT & EXTERNAL SERVICES



DHQ HOSPITAL DADU





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

SUMMARY

SUMMARY	
Total Construction of Boundary Wall.	Rs. 16,370,384
Total Construction of Parking Shed.	Rs. 3158,672
Total Construction of Under Ground Water Tank.	Rs. 5,904,504/
Total Land Scaping & External Development.	Rs. 36,833,958
Total External Plumbing Works.	Rs. 15,837,845/2
Total External Electrical Works.	Rs. 43,252,517/=
Grand Total	Rs. 121,357,873/=
Words: Ome hum dre d two to one me fixty keven thousand leight hum	Le all 145,629,94
Signature: dated: 21113 B10 Amo	items offoria
Stamp: AGE Co. AGE	109,915,994/53



COMPONENT - I

CONSTRUCTION OF BOUNDARY WALL.





DHQ HOSPITAL DADU



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

SUMMARY

Total (Part-A) Civil Work

Rs.

16370384

Total in Words:

Signatura:

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
I	CIVIL WORK					
1	EARTHWORK 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 surpluss earth outside premises or as per instructions of Consultant / Engineer In-charge.	50130	Cu.ft.	6		300,78
1.2	BACKFILLING Filling excavated earth in plinth and under floors i/o breaking clods, dressing, watering and consolidating by ramming in layers not exceeding 9" depth to obtain 95% modified AASHTO density i/o all lead and lift and as per instructions of Consultant / Engineer in-charge.	38743	Cu.ft.	5		19371
2.1	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) 4" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation & Situ.		Cu.ft.	. 162		828,40
2.2	PCC 1:3:6 (1 cement 3 sand and 6 coarse aggregate) Cast in Situ.	2951	Cu.ft.	216		637,4
3	DAMP PROOF COURSE Providing and laying 2" thick 1:11/2:3 (1 cement 11/2 sand & 3 coarse aggregate) DPC under walks and entrance over Tie Beam using pudio as permanufacturers instructions with 2 Coats of Ho Bitumen 10/20 at 1.64 kg per sqm complete as pedrawing, specification and as per instructions of Engineer In-charge	s r t 3935	R.ft.	7,3		287,2







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

r.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
	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		9/3,380
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		1,5398: 370,80
5.2	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate Column Stem upto Plinth Beam	1292	Cu.ft.	287		370,80
5.3	1: 2:4 (1 cement 2 sand 4 coarse aggregate) in Plinth Beams.	5010	Cu.ft.	253		1,267,5
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		727,8
5.5	1: 2 :4 (1 cement 2 sand 4 coarse aggregate PCC Coping of Boundary Wall	386	Cu.ft	248		95,72
6	STEEL REINFORCEMENT Providing fabricating and laying hard grade ribbe deformed (min yield point 60,000 psi) stereinforcement bars including the cost of straightening, cutting, bending, binding, wastagend such overlaps as are not shown in drawing placing in position on cement concrete 1:2 precast spacer block or m.s chairs, tying with binding wire (GI wire of 18 guage), including cost chairs and wires etc. in all kinds of RCC works.	el of ee s, :4				
6.1	Deformed Steel (Grade 60)	38.50	Tor	1360	юс	485/







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 masonary with good quality lst 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) inluding 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		2,157,0
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 comers, 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		804,24
9	PAINTS			1		
9.1	Providing & applying weather shield paint over the Plinth Beam, columns of boundary wall, Gate Columns & Coping on both side Vc. 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	. ২৪		750,64







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 accesories 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		64480
_	Total (Part-I)	Civil Worl	k	Rs.		V6370

Signature:

dated: 2113

Say Rs. 16370,384/=

PROJETY SINUM







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 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 surpluss earth outside premises or as per instructions of Consultant / Engineer In-charge.		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 Incharge.	96	Cu.ft.	5		480
1.3	EARTHFILLING 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 no exceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In charge.	100000 t	Cu.ft.	9		90,000
1.4	Providing and laying stone soling (6" thick of approved quality under foundation & su floor including hand packing vertically an filling voids with spawels, consolidating an compacting with mechanical means be compacted or roller, as per drawing specification and as per instruction of the Consultant / Engineer In-charge.	b d d y 5000	Sq.ff	65		325,00









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

ir.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
	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 l/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/=		10,2061
	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). 1: 2:4 (1 cement 2 sand 4 coarse)		Cu.ft.	248		54069
	aggregate) footing (isolated)	35				,
4	STEEL (BASE PLATE & REINFORCEMEN' 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 ir position on cement concrete 1:2:4 complete in all respects as per drawings specifications and as per instructions of Consultant / Engineer In-charge.		1			AND MINES
4.1	6 mm thick (MS Plate)	0.150	Ton	120,00	0	18,000
4.2	Deformed Steel (Grade 60)	0.029	Ton	12600	0	3,654
5	FLOORING					
5.1		5000	Sq.	1. 56		280,00









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

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 Incharce. SHED 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 & patern 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	Sr.	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
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 & patern 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	5.2	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 SfL) (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-	5000	Sq.ft.	175		875,000
	6 5.1	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 shaded / colour including its fitting, Fixtures & water proof Seals on joints as per approved design & patern with MS Frame comprising of MS Sq. Pipe as column / vertical support and MS Sq. Pipe frame incl trusted 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	5000 t t s	Sq.ft.	300		1.500,00 31586

Signature

dated:

PROJECT STANDARDSTONES







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.

5904504

Total in Words:(_

Signature:

dated: 21113







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.	II		277,77
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
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 i/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		163,62
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		2,10,6



PROJECT TATE PORT





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.			196 200		2520,00
6	Deformed Steel (Grade 60) 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)		Tons	126,000		×320,00
6.1	U. G. W. Tank Bottom Slab	2874	Cu.ft.	287		82483
6.2	U. G. W. Tank Columns & Walls	2499	Cu.fl.	325		813,175
6.3	U. G. W. Tank Top Slab	1111	Cu.ft.	295	5	327,70
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	18	33,324
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.			æ.		2
8.1	internal Plaster	2898	Sq.ft.	50		111.900









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 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.	/35		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) Prividing 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.		Nos.	10,000		60,000







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) Prividing 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	z	80,000
15	INLET & OUTLET CONNECTIONS Prividing 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.		LS.	2000		4,000/
-	Total (Part-I) Under Ground W	ater Tank	_	Rs.		59045

Signature:

dated: 21113

Say Rs. 5904 C04/2

PROJECT DIRECTOR







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

SUMMARY

Total Land Scaping & Rs. 36833913

Total (In Millions) Rs.

REHALDHQ SIMUH





		EXTERNAL DEV							
	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 wherever required I/c breaking clods, dressin watering and consolidating with mechanic means by compacter or roller in layers mexceeding 9" depth to obtain 95% modified AASHTO density i/c all lead and lift and as p instructions and approval of Consultant Engineer In-charge.	e 8, al ot 252726 ed 252726	Cu.ft.	9	79	2,274,53			
2	KERBSTONE Providing and Fixing CC 1:2:4 Precautions (12"x6"x18") (Make Envicrete or per instruction of consultant) fixing with a cement sand mortar complete in all respective that includes excavation / filling where exceptived in all type of soils, dry or wet, have soft, up to required depth as per draw and specification and or as directed Consultant / Engineer In-charge	as 1:3 1s, /er ord 6040	Rft	785		1,117,400			
3	PAVERS Providing and Fixing CC 1:2:4 Pavers City Quadra (60mm thick) (Make Envicrete) for with 2" thick sand cushioning complete per drawing and specification including h packing vertically and filling voids w	ing as and	Sqt	120		1.187.28			

4.0 FOOTPATH

4.1 STONE SOUNG

Providing and laying stone soling (6" thick) of approved quality under foundation & sub floor including hand packing vertically and filling volds 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.

spawels, consolidating and compacting with mechanical means and or as directed by

Consultant / Engineer In-charge

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.

65 Sq.ft 14810

Cu.ft 4887

	, and		TERNAL DEVE				
	2	DISTRICT HE			AL AT DADU		
Sr.		Description	BILL OF QUA	Unit	Rate (in figures)	Rate (in Words)	Amount
5	Pri 1'- av ac gr	NNDSCAPING oviding and laying Sweat earth filling up to -0" depth with manure and remaining part verage 2'-0" with imported earth as approved by consultant and also providing rass with plants as per drawing and pecification or as approved / directed by onsultant / Engineer In-charge	21954.45	Sqft	9		197,586
6.0 6.1	gr R sl	OAD xcavation or cutting in all kind of soil (except ravelly, murmur wet silt, clay or mud and ock) to a required grade camber and side lopes including dressing top and sides and lisposal of excavated stuff within a lift of 5ft and lead upto 100ft.	89828.03	Cft	10		898,289
6.2	2 E	ARTH FILLING sarth work for road embankment by buldozers including ploughing, mixing, clod preaking, 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 sil lead and lift and or as per instructions and approval of Consultant / Engineer In-charge.	485619.75	Cft	12		5,827,43
6.	.3	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	Cut	n 55		4,45,5



PROJECT DISTRICTOR AUS

EXTERNAL DEVELOPMENT DISTRICT HEAD QUARTER HOSITAL AT DADU

including mixing in mechnical 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.)

BILL OF QUANTITY Rate Rate Amount Quantity Unit Description (in Words) (in figures) BASE COURSE Preparing base-course including supplying 6.4 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 60 Sft 80936.63 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 et5c as directed) rate includes all cost of material T&P labours and carriage upti site of work (3chain) FIRST COAT SURFACE TREATMENT 6.7 Providing surface dressing first coat 41/2" 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 % "- 1/4" 154165.00 Sft 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) 2" THICK CARPET 6.8 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 80

Amount in Rupees

REHABIDAGE TO THE RELEASE OF THE RESERVE T



Sft

154165.00





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

SUMMARY

Total Land Scaping &	Rs.	
External Development Work	7.33	

Total (In Millions) Rs.





COMPONENT - Y

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				
В	SEWERAGE, SOAK PITS & SEPTIC TANK	86 80 800 1				
С	STORM WATER DRAINAGE	1843,445				
	то	TAL 14 337 845				
D	WATER FILTRATION PLANT	1500,000				
	GRAND TO	TAL 158 37 8451				







N.	BOQ (EXTERNAL PLUMBING WORKS)							
1	DESCRIPTION LEXTERNAL PL	UNIT QTY		RATE (Rs.)	AMOUNT (Rs.)			
A 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							
1	Engineer and providing of thrust blocks where required i/e, at bends/tums, 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. —do— but 32mm dia —do— but 40mm dia —do— but 63mm dia —do— but 63mm dia —do— but 75mm dia —do— but 90mm dia —do— but 90mm dia —do— but 110mm dia	Mtr Mtr Mtr Mtr Mtr Mtr Mtr Mtr	10 12 15 125 487 335 135 50	115- 145- 192- 2790- 330- 730- 1095-	- 1150/= - 1740/= - 2880/= - 33,750/= - 189930/= - 177550/= - 98550/=			
2	Providing G.I Pipes. & special etc including fixing cutting and fitting complete with and I/c the cos 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 bitumer 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. 4" dia G.I. Pipe 6" dia G.I. Pipe		6 6	100	600			







176	BOQ							
	(EXTERNAL PLUMBING WORKS)							
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)			
3 	GATE VALVE (GUN METAL) 1" dia Heavy Pattern 1-1/4" dia Heavy Pattern 1-1/2" dia Heavy Pattern 2" dia Heavy Pattern 2" dia Heavy Pattern 3" dia Heavy Pattern 4" dia Heavy Pattern 4" dia Heavy Pattern	Nos. Nos. Nos. Nos. Nos. Nos.	1 1 1 3 16 5	600 800 1450 1680 1810 2500 3800	600 2 / 800 2 / 1450 2 / 5040 2 / 28,960 2 / 1250 2 / 2600 2 /			
	VALVE CHAMBER	- 1			1,000			
	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 masonary walls set in 1:6 cement mortar 6" (1152mm) thick cement concrete 1:2:4 flooring1/2" (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			
1	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 masonary walls set in 1:t cament mortar 6" (1152mm) thick cement concrete 1:2-4 flooring1/2" (12.5mm) thick cement plaster 1:3 to all inside wall surface and to top including providing and fixing M.S floorest at every one foot beyond 2-1/2" ft. depth curving, excavation, back filling and disposal of surplus earth etc. complete in all respect		3	30000				
		30700		1	1.1000			
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: 22m³/hr Max Head 47m, phase, 380 V, (appx. 7.5 hp)	3 Nos	5					
13	pitase, 300 v //appv. 1.0 hpj			200,00	0 1,000,00			
可翻		SU	B TOTAL	Rs.	2312230			

CO.	BOQ							
1	(EXTERNAL PLU	MBING	WORKS	RATE (Rs.)	AMOUNT (Rs.)			
S.NO.	DESCRIPTION	NAT T	40.1	Taking Disease				
	UNITED ATTION PIDING	10						
6	IRRIGATION PIPING Providing, laying, jointing and testing P.E. 80 PN							
00	le sine and filtions for impation with fusion;	- 1		1				
8	imputing along with all types of unions, tees,			i				
	bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making	- 1			1			
	being making good, excavation, bedding	- 1		la 0	V =			
	backfilling as required complete in all respect.			V				
		Mtr	10	99	990 =			
i	20mm dia	Dia.		V				
ii	25mm dia	Mtr	875	115	100,625			
	Editin dia		205	145	44,22			
III	32mm dia	Mtr	305	V-LOSS.	(5)			
iv:	40mm dia	Mtr	420	192	80,640			
AV	HOMEN GIG	Mtr	232		62,64			
٧	50mm dia	Watt	232	270	6761			
7	Complete assembly of sprinkler including			1				
100	execution riser swing assembly, check valve	- 1						
	and all acceptains required to complete system			1	1			
	ready to operate as per specification, drawings & instruction of Consultant.			0	1,160,00			
	INSTRUCTION OF COMPONENTS	Nos.	58	20,000	1,100,00			
	HANDLE VALVES FOR CONTROLLING			4				
8	SPRINKLERS	- 1			1			
	Complete assembly of sprinkler control valve as							
	per working details	200000		225	375			
Ŧ	3/4* dia	Nos.	1	375	11.56			
- 11	- 11° dia	Nos.	1	425	425			
		Nos.	31	650	650			
iü	1-1/4" dia	NOS.	Ü	10000000				
iv	1-1/2" dia	Nos.	3	1310	3930			
3.2	17.5=	Nos.	2	1625	3250			
V	2" dia	I-Clar	175.5	1000	5-50			
	THE PROPERTY CONNECTION			l.				
9	HANDLE VALVES FOR HOSE CONNECTION		0	1	1			
	Complete assembly of Rubber Hose connection with nozzel, valve as per working details	1		1				
i i		Nos.	6	400	240			
<		Nos.	50	.0.	1			
ü	1° dia	1405.	30	500	as,00			





PROJECT

	BOQ (EXTERNAL PLUMBING WORKS)								
		UMBING	QTY	RATE (Rs.)	AMOUNT (Rs.)				
S.NO. #	6 DESCRIPTION	Unai	411	19112 (1911)					
10	VALVE CHAMBER Providing chamber 4'-0" x 4'-0" inside		Ì						
	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 masonary walls set in 1:6 cement mortar 6" (1152mm) thick cement concrete 1:2:4 flooring1/2" (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								
38	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.								
1	Max Flow: 10m3/hr Max Head 22m, 3 phase,380 V, (appx. 2 hp)	Nos.	2	70,000	140000				
_		SUE	TOTAL	Rs.	162				
		GRA	ND TOTAL	Rs.	- die				

Note:

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

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





Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ DADU HOSPITAL SEWERAGE SYSTEM

M	(EXTERNAL PLUMBING WORKS)								
	DESCRIPTION DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)				
S.NO.	DESCRIPTION			110000					
2	SEWERAGE PIPE 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 ii. 150 mm dia pipe iii. 200 mm dia pipe iii. 250 mm dia pipe iv. 250 mm dia pipe v. 300 mm dia pipe vi. 350 mm dia pipe vi. 400 mm dia pipe vii. 400 mm dia pipe vii. 400 mm dia pipe iii. 200 mm dia pipe vii. 400 mm dia pipe viii. 400 mm dia pipe viiii. 400 mm dia pipe viii. 400 mm dia pipe viii. 400 mm	n L L L le at	262 433 440 190 5 5 5	675 1650 3950 3950 7000	176850 714,450 946,000 750,500 32,500 32,500				
	drawing 2' x 2' x 3'-6"	Nos	. 32	20,000	640,00				
	Deduct from the above cost at the rate or R 500 per foot depth where the depth of manhole is less than 3'-6"	s.		*					





Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ DADU HOSPITAL SEWERAGE SYSTEM

R	BOQ (EXTERNAL PLUMBING WORKS)								
#44		JNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)				
S.NO.	DESCRIPTION								
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 neccessary 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 neccessities, ready to complete the job as per specifications, working drawings and instructions of consultant								
1	3'-4' dia x 7'-6"	Nos.	4	30,000	120,000				
	Deduct from the above cost at the rate or 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		1	40,000	40,006				
5	SEPTIC TANK			1101	100				
	Construction of Septic Tank (70,000 ga cap.) including partitions complete packag in all respect.	l. e Jot	1	3,500,0	00 3,500,00				





Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ DADU HOSPITAL

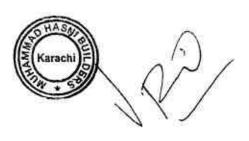
SEWERAGE SYSTEM

8	BOQ (EXTERNAL PLUMBING WORKS)							
		UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)			
NO.	DESCRIPTION			V.				
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: 20m3/hr min Head 10m,	1400.	3	300,000	900,000			
11	Diesel Engine Sludge Pump (sett priming), min Flow: 40m3/hr min Head 10m,	Nos.	1	800000	800000			

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

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







Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ DADU 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 ii. 200 mm wide grating iii, 300 mm wide grating iv. 450 mm wide grating v. 600 mm wide grating	Mir Mir Mir Mir Mir	332 157 62 48 10	700 935 1400 2500 3500	232400 146795 86800 120,000			
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 ii. 250 mm dia pipe iii. 250 mm dia pipe iv. 300 mm dia pipe v. 350 mm dia pipe vi. 400 mm dia pipe vi. 400 mm dia pipe	Mtr Mtr Mtr Mtr Mtr Mtr	25 5 4 5 8 3	670 700 900 1000 1200	16,750, 3500 3200 4500 8000 3600			
ì	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			
1	Construction storm water curb inlet as specifiëd 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	(०ं०क	\30,000			

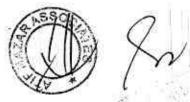




Bill Of Quantities
PLUMBING WORKS EXTERNAL
DHQ DADU HOSPITAL
STORM WATER DRAINAGE

	(EXTERNAL P	BOQ LUMBIN	G WORKS)	
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	Mir	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		92	Soop	460,00
6	CONSTRUCTION OF RAIN WATER CHANN	EL			
É	Providing and laying RCC 1:4:8 using crust stone with SR crient all as spd.	n m	44	500	22,00
ii	Providing and laying PCC 1:2:4 using crust stone with SR creenet all as spd.	cum	26	300	7800
116	Providing and laying of block masonary wall 6" thick as shown in working drawing an RCC 1:2:4 using crush stone as in slab sill with round bars, using deform bar grade 4 including cutting, bending, binding an placing reinforcement in position, precadrainage cover copings, channel RCC/PCC jali, jointing and pointing as spd.	5 0 d 5t		*	
		cum	70	6000	4200



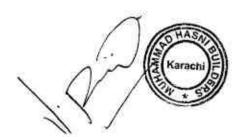


Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ DADU HOSPITAL STORM WATER DRAINAGE

3	(EXTERNAL I	BOQ (EXTERNAL PLUMBING WORKS)							
NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)				
Supply Suction Stainly motor condu- acces pipes	ON PUMPS y and fixing equipment and ancillaries on Pump (Positive Displacement Pump) ess Steel body complete with driving , electrical control wirings/cables, its, control panel and all necessary ssories fitting including valves, network fittings necessary to complete the job oer specifications, drawing, conditions instruction of the consultant.								
Sucti 8m,	on Pump Capacity: 1.5m3/hr Max Head single phase,220 V, (appx. 1 hp)	Nos.	1	14100	14100				

Note:
All the tools, equipments and machinery required for laylong joining and testing of the pipe line shall be arranged by the contrator at his own cost

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





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

	BOQ (EXTERNAL PLUMBING WORKS)								
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)				
3	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	1500,000	(000,000)				
		SUE	TOTAL	Rs.	1500,000				

PEHABIRE SINGH







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.)
1	Electrical Power Distribution	197272101
2	Communication System	4279992
3	External Illumination	3(33940)
4	HT Cable & Transformer	3637349
	Total	31352,513
5	Generator	11,900,000
	G.Total	48,252513

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

0	BOQ ELECTRICAL POWER DISTRIBUTION									
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)					
	, s 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.									
а	4 core 4 Sq.mm PVC	Mir.	120		39000					
b	4 core 6 Sq.mm PVC	Mtr.	23		28500					
C	4 core 10 Sq.mm PVC	Mtr.			24480					
d	4 core 16 Sq.mm PVC	Mtr.	29		456660					
0	4 core 25 Sq.mm PVC	Mtr.			366188					
f	4 core 35sq.mm PVC	Mtr.	90		12590200					
g	4 core 50sq.mm PVC	Mtr.			2410200					
h	4 core 70sq.mm PVC	Mtr.	142		2856000					
	4 core 95sq.mm PVC	Mtr.	192	8 2200	-0369					
k	1 core 2.5 Sq.mm PVC E.C.C	Mtr.		0 45	5400 V					
1	1 core 4 Sq.mm PVC E.C.C	Mtr.			3238					
m	1 core 6 Sq.mm PVC E.C.C	Mtr.		18 68	19824					
n	1 core 10 Sq.mm PVC E.C.C	Mtr.			29640					
P	11 core 16 Sq.mm PVC E.C.C	Mtr.			137416					
q	1 core 25 Sq.mm PVC E.C.C	Mtr.		56 386	190816					
r	1 core 35 Sq.mm PVC E.C.C	Mtr.		56 <u>C34</u> 05 727	74335					
5	1 core 50 Sq.mm PVC E.C.C	Mtr.	-	05 727	48147					
t	1 core 70sq.mm PVC E.C.C	Mtr		36 1361	260231					
u	- DIME CO	Mtr	-	30 \36 Tot						
		_	-	100	The second of th					
					195					







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.)					
_	CONDUITS & PIPES	-1								
2	Providing and Laying following sizes (internal diameter of undergrond class 'D' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.		0500	ű e A	2.000 00°C					
а	100mm dia	Mtr.	2500	THE RESIDENCE OF THE PARTY OF T	20640					
b	150mm dia	Mtr.	12	1720	20670					
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.	f			(10.000					
-	1200mm x 1200mm x 1200 mm	Each		4 30050	120200					
a	900 mm x 900 mm x 900 mm	Each		925025	223 225					
b	750 mm x 750 mm x 750 mm	Each		0 15050						
C d	600 mm x 600 mm x 600 mm	Each	2	6 / 0040 Tot	26/090					

PENARIUNU 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.								
		Nos.	- 4	1.000000	1.000000				
a	MLTP-1/S1	Nos.		2,000,000	2 HOU 000				
b	MLTP-1/S2 MLTP-1/S3	Nos.	1	623/600	623,600				
С	ML1F-1/33	1			Alberta and and and				
d	DP-1/S1	Nos.	1	15870	158 700				
е	DP-1a/S1	Nos.	1		163900				
f	DP-3/S1	Nos.	1		163 900				
g	DP-3a/S1	Nos.	1	163900	41 700				
h	DP-EL Room-1	Nos.	1	417,700	417 700				
1	DP-EL Room-2	Nos.	1		597,900				
k	DP-Emergency EL Room-1	Nos.	1	The second second second	63 200				
1	DP-Ernergency EL Room-2	Nos.		And the second second second	49500				
m	DB- Pump Room	Nos.	1	And the Contract of the Contra	54500				
n	DP-1/S3	Nos.		117,800	117,200				
р	DP-2/S3	Nos.	1	121,000	121,000				
q-	DB- Sludge Pump	Nos.		A CONTRACTOR OF THE PARTY OF TH	54,900				
				Total	365				





Bill Of Quantities

EXTERNAL ELECTRICAL WORKS

DHQ DADÚ HOSPITAL

ELECTRICAL POWER DISTRIBUTION

	ELECTRICAL P	BOQ OWER	DISTRIBUT	ION	
s.no.	DESCRIPTION	TINU	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)
	SECTION :C				
1	EARTHING SYSTEMS Providing and Installation of the following			1	
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 chamical 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
ь	Rod type earth electrode including earthing lead, inspection chamber and all accessories.	Nos	14	45/00	350,000 63/400
				Total G.TOTAL	98146

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Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ DADU HOSPITAL COMMUNICATION SYSTEM

1	BOQ COMMUNICATION SYSTEM								
S.NO	DESCRIPTION	UNIT		15.					
-			QIT	RATE (Rs.	AMOUNT (R				
	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.	1			E.				
а	10 Pair cable								
b	12 Pair cable	Mtr.	64	420.	2/0/2				
C	15 pair cable	Mtr.	55	470	26,880.				
d	25 Pair cable	Mtr.	61	134	20.8001				
e	30 Pair cable	Mtr.	113	666	32574				
f	40 Pair cable	Mtr.	104	738	75258				
	50 Pair cable	Mtr.	107	866	13520				
	To your capie	Mtr.	235	1265	92,602				
2	Providing, Installation wiring for Telephone lines from Telephone Cabinet upto T.J.B. (Electrical Room). Complete in all Respects as per Drawing.			Total	247,275				
a 2	2 Pair cable				11 14				
2 5	5 Pair cable	Mtr.	183	32	5856 -				
3 8	3 Pair cable	Mtr.	10	100	1000				
1 1	10 Pair cable	Mtr.	76	200	15200				
1	2 Pair cable	Mtr.	. 110	400					
2	o i dii cable	Mtr.	280	467	44000				
		Mtr.	308	50/	30760				
-977				-	15 70 8				





Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ DADU HOSPITAL COMMUNICATION SYSTEM

	COMMUNICA	IOQ ATION SY	STEM		
S.NO.	* © DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
				1	
	SECTION -B		4,45,5		
1	Telephone Cabinet Floor Standing Type:				
	MS Telephone Cabinet of 80 Pairs	Nos	2	18000	36000/2
a b	MS Telephone Cabinet of 70 Pairs	Nos	1	17100	17/00
G	MS Telephone Cabinet of 70 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
-	INIO TELEPHONE CEDITION OF 20 T GITO			Total	103230
	SECTION -C				
1	CONDUITS & PIPES				
	Providing and Laying of following sizes (internal diameter of undergrond 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	2/70
С	50mm dia	Mtr.	292	235	68620
d	40mm dia	Mtr.	10	225	2250
е	32mm dia®	Mtr.	93	215	19995
f	25mm dia	Mtr.	440	203	2250 19995 89320
-				Total	20053
2	Communication Cable Chambers				4
	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.				
а	750mm x 750 mm x 750 mm	Each	5	25010	193020
ь	500mm x 500 mm x 500 mm	Each	19	15700	286900
C	400mm x 400 mm x 400 mm	Each	28	10/00	282500
				Total	694750
				G.TOTAL	1725018

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PROPER DIRECTOR

Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHO DADU HOSPITAL EXTERNAL ILLUMINATION

		BOQ			
2	EXTERNAL	ILLUM	NATION		
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.
_	SECTION-A		-		-
_	SECTIONA				
1	Poles & Light Fixtures				
	Following pole are requried for Street lighting with ligh fixtures.		7,1		
а	Providing and installation of Single Pole Of (19.68ft) 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.		10	65000	650,000
b	Providing and installation of Single pole Of (19.68ft) 6m Height with One lighting fixturePhilips model no. Greenvision Flexi BRP310 LED46/CW 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos		45000	225,000
С	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		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		10,000	77,000
2	WIRING AND CABLING				
				- American	
a b	3 Core 2.5 sqmm	Mtr.		164.20	350 875
	3 Core 4 sqmm 3 Core 6 sqmm	Mtr.	562		136622
100	o core o admin	Mill.	167	TOTAL	5895







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

67	LE & TRANSFORMER BOO		0:50	200	,
3	ELECTRICAL POWE	R DIS	QTY	RATE (Rs.)	AMOUNT (Rs.)
10.	DESCRIPTION U	NIII	Q11		
	. 6	-			
	SECTION: A				
	POWER TRANSFORMER WITH HT BREAKER				
14	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 recpect.	Nos	1	400,000	400 000
а	150KVA	NOS.		177	7
-		-			
	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 recpect.		1	1400000	1400 000
b	750kVA	Nos.	1	2,000,000	2 800 000
C	1500kVA	NO5.	-	12,000	
Li .	15.55	_	-		
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 recpect.		1	2,700,000	2.700,00
_		_	-	1000	0
-		-	-	-	
	SECTION: B	+-	+		
		+			
1	HT CABLES				
8	HT electric cable 11kV stranded copper conductor XLPE insulated, extruded, PVC bedded, steel wir armoured and PVC sheathed overall 3 core, 5 mm² taid in trenches complete with bricks, san (included cost of excavation), supply and fixing.	o	r. 58	5 3958	23 K
ь	XLPE insulated, extruded, PVC bedded, steet with armoured and PVC sheathed overall 3 core, and laid in treaches complete with bricks, sa	35		. 3291	32,91
	(included cost of excavation), supply and fixing.	M	tr. 1	0 5 Total	227





Bill Of Quantities

EXTERNAL ELECTRICAL WORKS

DHQ DADU HOSPITAL

HT CABLE & TRANSFORMER

R	BOQ ELECTRICAL POWER DISTRIBUTION AMOUNT (Rs.)							
1		UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)			
S.NO.	DESCRIPTION							
	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							
8	required Lightning protection system at Roof of substation	Nos.	1	50,000	50,000			
b	Lightning protection system for PMT (Pole	Nos.	1	80,000	80,000			
_	Mounted Type)		_	Total G.Total	6632.0			





II Of Quantities
LECTRICAL WORKS EXTERNAL
LO DADU HOSPITAL
ESEL GENERATOR SETS

	BOQ (EXTERNAL ELECTION)	RICA	WO	RK	5)	AMOUNT (Rs.)
3		JNIT	QTY	F	RATE (Rs.)	Airos
).	DESCRIPTION					
	ELECTRICAL LOW VOLTAGE DIESEL GEN.SETS			1		
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	Nos	, 2		5,500,000	11,000,000
2	Supply and installation of an underground take storage tank having 2000 liters capacity manufactured as per DIN 6608/ASME Section with manhole, cover, ver VIII DIV 1, complete with manhole, cover, ver ver including excavation backfilling, civilized to the control of the control of the cover.	nt No	os	1	200,000	E SECTION
ı	works, fuel pump, piping netw Auto mains failer transfer swtich (ATS/AMF) f	or N	los	1	400,00	0 400,000
1	Auto mains failer transfer swam the above D.G set	Ė			Total	11,900,00









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.





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

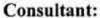
BILL OF QUANTITY

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

Project:
Expansion & Improvement of DHQ Hospital in Sindh.

Client: Health Department

Contractor: M/s. Pakistan Electric Works.





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



Government of Sindh Health Department (Development Wing)

PROJECT DIRECTOR TALES

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

Date Oged

Issued to M/s.

Electric works.

Consultant:

Atif Nazar Associates

Consulting Engineers & Architects

A-3 & A-4, 8B-14, Sheikh Center, Main University Road, Karachi.

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



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 o 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 1 % of Financial Bids

We are hopeful and waiting of our results .

Thanking you,

Pakistan E

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PREAMBLE TO BILL OF QUANTITIES

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

- 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.
- 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.

All tenders shall be accompanied by one additional copy of the main proposal and the priced BOQ marked DUPLICATE.

- 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.
- Electric, Water Supply and other utilities required for construction will be arranged by the Contractor.
- 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.

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.

 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.

 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 activity approved bar bending schedule and retain approved bar bending schedule and site at least 1 days before the scheduled pouring activity.

At In

PREAMBLE TO BILL OF QUANTITIES

ele per

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

dated: 21- Jan -2013

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VOLUME - III

EXTERNAL DEVELOPMENT & EXTERNAL SERVICES





PROBLET DE ECTOR PENS



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

• • SUMMARY	
Total Construction of Boundary Wall.	Rs. 132 147262/20
Total Construction of Parking Shed.	Rs. 520150022
Total Construction of Under Ground Water Tank.	Rs (1640000)=
Total Land Scaping & External Development.	Rs. 28697175/2
Total External Plumbing Works.	Rs. 1,7105021/2
Total External Electrical Works.	Rs. 50,89,173
Grand Total	Rs. 1192/5200/2
Total in Eleven Crose Ninty Two Late Words: Two Hundred Twenty Elight	A192,15,208/2
Signature: dated: 2!- Jan. 26/3	PS127091762/21
Stap C. e. C. Stap Contractor of the contractor	



COMPONENT - I

CONSTRUCTION OF BOUNDARY WALL.



for



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

SUMMARY

Total (Part-A) Civil Work

1,32, 79000

Total in Words William Million Two Cor Savalet

Signature:

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			inguies	WOIGS	
1.1	EARTHWORK 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,			5 = 17		
	dressing, dewatering, shoring & compacting including lifting, shifting or disposing of surpluss earth outside premises or as per instructions of Consultant / Engineer In-charge.	43695	Cu,ft.	5/50	(¥103∂∂
1.2	BACKFILLING		0			
	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 ebtain 95% modified AASHTO density i/c all lead and lift and as per instructions of Consultant / Engineer In-charge.	33740	Cu.ft.	<i>2 5</i> 0		84359
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.					117
	complete in all respects as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.(SR cement		æ			
2.1	should be used for all sub structure works) 4" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation & Situ.	4454	Cu.ft.	90/2		Lp00869
2.2	PCC 1:3:6 (1 cement 3 sand and 6 coarse aggregate) Cast in Situ.	2569	Cu.ft.	125]:		321125
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 pudlo as per manufacturers instructions with 2 Coats of Hot Bitumes 10/20 at 1.64 kg per sqm complete as per drawing, specification and as per instructions of Engineer In-charge	3425	R.tt.	65/=		220 62





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

ir.	Description	Ouantity	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.	USp	c	23874
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 : f (1 cement 2 sand 4 coarse aggregate) footing (isolated/combined)	5420	Cu.ft.	235/	4	2737
5.2	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate) Column Stem upto Plinth Beam	1135	Cu.ft	250/		2400
5.3	1: 2 :4 (1 cement 2 sand 4 coarse aggregate) in Plinth Beams.	4363	Cuift	235/	2	10953
5.4	1:11/2:3 (1 cement 11/2 sand 3 coarse aggregate in Super Structure Columns of Boundary Wall	2188	Cu.f	250/	4	SHOO
5.5	1: 2 :4 (1 cement 2 sand 4 coarse aggregate PCC Coping of Boundary Wall	335	Cu.f	235	A	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: 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.	1 1 1 1 1 1 1				
	1 Deformed Steel (Grade 60)	33,00	To	9850	0/2	3250







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 masonary 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) inluding 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	200p	/	49620
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).			1		
8.1	External Plaster	23470	Sq.ft.	20/2	1	516340
9	PAINTS	DESCRIPTO D	f	- /		ľ
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}		5 <i>867</i>





2599290/2

PROJECT DIRECTOR IS



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
10 10.1	MS DOOR Providing and fixing MS Door complete with Spikes, Handles, Aldrops and all accesories 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)	500	Sq.ft.	. 640		564
	Estal (Part-I) C	ivi! Work		Rs.	7	279

Signature:

dated: 21-Jan-2013

PROJECT DIRECTOR



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

52,01500

5201560/2

Total in Words: Five million Two Loc one I Dung

Signature:

dated: 21-Jan-2013



PROJECT DIRECTOR
REHABIDEO SINDE



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

Sr.	Description	Quantity	Unit	Rate in	Rate in	Amount
1	CIVIL WORK			figures	Words	ranbant
1.1	EARTHWORK 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 surpluss earth outside premises or as per instructions of Consultant / Engineer In-charge.		Cu.ft.	5 /50/		2079/
.2	BACKFILLING	7.0	1	1 2 -		N N
20	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 Incharge.	96	Cu.ft,	D/50) Woj ₂
	EARTHFILLING 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 Incharge.	10000	Cu.ft.	8/50		85000J
	Providing and laying stone soling (6" thick) of approved quality under foundation & subfloor including hand packing vertically and filling voids with spawels, consolidating and compacting with mechanical means by compacter or roller, as per drawings, specification and per instruction of the Consultant / En sept in charge.	5000	Sq.ft.	50/2	- F G)5000g



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

	Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
	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)	· ·	Ŧ	201		\$670
1	6" thick CC 1:4:8 (1 cement 4 sand and 8 coarse aggregate) under foundation.	63	Cu.ft	90/2	4	3019
3.11	aggregate) footing (isolated)	gn e & S.	Cu	ft. 235	/2	S/23
190	.1 6 mm thick (MS Plate)	0.15	50 T	ons /30	660/2	1950
		0:0	29	Tons 98	500/2	285
4	ACC POST OF THE VA	1			. Au	
	5 FLOORING 5.1 3" thick CC 5.5 6.1 cement 3 sand and coarse a pogate under flooring	50	00	Sq.ft. 40	12	2100



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

Description	Quantity	Unit	Rate in figures	Rate in Words	Amount
Providing & laying 4" thick RCC Flooring comprising of (4" th. RCC 1:2:4 Flooring with nominal steel 3/8"Ø @12"c/c (Trow finished leveled surface in panels not most than 30 Sft.) (over already laid subfloor Reinforced cement concrete of specific strength using approved quality 3/4" massize graded crushed aggregate & finiaggregate including approved form work its removal, all operations of vibrating levelling, compacting and curing complete (but excluding the cost of steel) all respect as per drawings, specification and as per instructions of Engineer charge.	ng rel re- por) ed ex. ne 5000 & ng. etc	Sq.ft.	165/		8>5000
SHED Providing & Fixing Toughlight high Impleolycarbonate sheet 6mm thick Holl Sheet (Make Toughlight Sheet Protector / Fibre Tech or equival approved by Consultant) of approved shall colour including its fitting, Fixtures & waproof Seals on joints as per approved design & patern with MS Frame comprise of MS Sq. Pipe as column / vertical suppand MS Sq. Pipe frame incl. trucomplete in all respects as per drawing specifications and as per instructions Consultant / Engineer In-charge. (Starwings shall be provided for the appropriate in the seal of the sea	by ent ade ater wed sing 5000 port ses ings, i of hop	Sq.ft	750	72	37500

Signature:

dated: 21- Jan-2013

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PROJECT DIRECTOR REHABIDHQ & THOU



COMPONENT - III

CONSTRUCTION OF UNDER GROUND
WATER TANK.



PROJECT DIRECTOR
REHABIDHQ & 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.

46,40000/2

Total in Words: Four Million Six Lac Fooler

Signature:

dated: 21-Jan-2013

PROJECT REHABIDHO SLAUH



Construction of Under Ground Water Tank.

At D.H.Q. Hospital, Mirrurkhas. 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.	5/50		138DBE
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		117160
i.	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 i/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	Su.ft.	90/2		90900/
K	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.	S5/2-	d	21857



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

Bill of Quantity (CIVIL WORKS)

r.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
5	STEEL REINFORCEMENT			ngures	Worus	
	Providing fabricating and laying hard grade ribbed deformed (min yield point 60,000 psi) steet 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.			a e		
1	Deformed Steel (Grade 60)	20	Tons	98500		197000
5	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)					
1	U. G. W. Tank Bottom Slab	2874	Cu,ft.	250		71850
2	U. G. W. Tank Columns & Walls	2499	Cu.ft.	250/,	10	62475
3	U. G. W. Tank Top Slab	1111	Cu.ft.	25%		77775
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		DS705
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.					
1.1	Internal Plaster	2898	Sq.ft	42/2	1	121716

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

-	(CIVIL WORKS	5)				
Sr.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
3.2	External Plaster (Above Ground Level)	201	Sq.ft.	20/2		44021
9	FLOOR FINISH Providing and laying of finish floor (3" thick), preparation and laying in 1:2:4 using Pea Crush or fine crush along with (pudio - 2kg per bag of approved quality) over bottom slab complete as per drawings, specifications and as per instructions of Consultant / Engineer In-charge.	1665	Sq.ft.	63/2		10495
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.		Sq.ft.	45/2		86>>
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	130/1		9269
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 stab in concrete complete as per drawings specifications and as per instructions of Consultan / Engineer In-charge.	2	Nos	Soo	N.	10000
12	MONKEY LADDER Providing and fixing 1" dia G.I. Pipe monkey ladde with 8 steps complete as per drawings specifications and as per instructions of Consultar / Engineer In ⁹ charge.	2	Nos	5500	,	1100
13	VENT PIPES (Cast iron 4" dia) Prividing and fixing Vent pipes (Cast iron 4" dia)a per heights or location mentioned complete as per drawings, specifications and as per instructions of Consultative Engineer in-charge.	er	No	s. 250	2	150

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Construction of Under Ground Water Tank. At D.H.Q. Hospital, Miryurkhas. Bill of Quantity

(CIVIL WORKS)

St.	Description	Quantity	Unit	Rate in figures	Rate in words	Amount
14	LEVELING PIPES (Galvanized Iron 4" dia) Prividing 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	1200/2		4000/
15	INLET & OUTLET CONNECTION\$, Prividing 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	2	7000/
	Total (Part-I) Under Ground W	ater Tank		Rs.	46	40047

S Contractor S

dated: 21-Jan-2013

PROJECT DIRECTOR

PROJECT DIRECTOR

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COMPONENT - IV

LAND SCAPING / EXTERNAL DEVELOPMENT





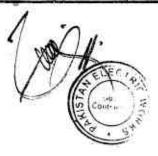
LAND SCAPING & EXTERNAL DEVELOPMENT At D.H.Q. Hospital, MIRPURKHAS. **BILL OF QUANTITIES**

AND THE PARTY OF T

SUMMARY

Total Land Scaping & External Development Work

Total (In Millions)





PROJECT DIRECTOR
REHAB DHO SINDH



EXTERNAL DEVELOPMENT

DISTRICT HEAD QUARTER HOSITAL MIRPURKHAS

BILL OF QUANTITY

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. 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 3. PAVERS Providing and Fixing CC 1:2:4 Pavers	Sr.	Description	Quantity	Unit	Rate (in figures)	Rate (in Words)	Amount
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 PAVERS Providing and Fixing CC 1:2:4 Pavers	-11/2	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	9	J 214163
Providing and Fixing CC 1:2:4 Pavers	2	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 /	8378	Rft	250/z	2	26945
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 angle eer In-charge	3	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	11141	Sqft	200/2		2008

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PROJECT DIRECTOR
REHABIDHE SINUS

EXTERNAL DEVELOPMENT DISTRICT HEAD QUARTER HOSITAL MIRPURKHAS BILL OF QUANTITY Rate Rate Amount Description Quantity (in figures) (in Words) FOOTPATH STONE SOUNG 4.1 Providing and laying stone soling (6" thick) of approved quality under foundation & sub floor including hand 777050 packing vertically and filling voids with 50/2 spawels, consolidating and compacting 5q.ft 15541 with mechanical means by compacter or roller, as per drawings, specification and as per instruction of the Consultant / Engineer In-charge. 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 300/ Cu.ft 5129 quality) over bottom slab complete as per drawings, specifications and as per instructions of Consultant / Engineer Incharge. LANDSCAPING Providing and laying Sweat earth filling up to 1'-0" (in depth) with manure and remaining part average 2'-0" with 51628 imported earth as appproved, and also 17209.50 Sqft providing grass with plants as per drawing and specification and or as directed by Consultant / Engineer Incharge 6.0 ROAD Excavation or cutting in all kind of soil (except, gravelly, mumur, wet silt or 352805 mud and rock) to a required grade 88206,30 Cu.ft camber and side slopes including dressing top and sides and disposal of excavated stuff within a lift of 5ft and lead upto 100ft Earth Filling Earth work for road embankment by buldozers including ploughing, mixing, clod breaking, dressing leveling compacting and consolidating with 31926 mechanical means by compacter or 456088.50 Cu.ft 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.

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PROJECT DIRECTOR
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EXTERNAL DEVELOPMENT

DISTRICT	HEAD	QUARTER	HOSITAL MIRPURKHAS	

٧.	DISTRICT HEA	BILL OF QUA	10000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					- 1
		site or stor		17.			- 13	- 3	- 1
Sr.	Description	Quantity	Unit	(in figures)	Rate (in Words)	Amount		-	
6.3	Preparing sub-base course by supplying and spreading stone metal of 2"-1K" in guage of approved quality from approved quarry in required thickness of (6" in 2 layers) to proper camber and grade, I/c hand packing, filling voids with 10 cft screeding and non plastic quarry fines of approved quality and guage from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification (Rate i/cs all cost of material T&P and carriage upto site of work (3 chain)	76014.75	Cuft	55/2 (ii)		4180811	12		
5.4	BASE COURSE Preparing base-course including supplying and spreading stone metal of approved quality properly grade to maximum size of 1½" in required thickness of (5" 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 tabours and carriage upti site of work (Schain)	76014.75	5	60/2 VK		45600	15/2 Q		
5.5	FIRST COAT SURFACE TREATMENT Providing surface dressing first coat 4%* thick of on new or existing surface with 30 ibs Bitumen of 80/100 penetration and 4*0" cft of crush bajri of required size of % "- % " including cleaning the road surface , rolling etc complete. Rate includes all cost of materials Labours 7&P and carriage upto site of work (3 chain)	144790.00	Sqft	15/2		Z17185 1	92		
5.6	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 mechnical 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.)	144790.00	Sqft	80/2		115833	PROJECT ARCHER	TOTRECT SOUNDE	1 0 R



COMPONENT - V

EXTERNAL PLUMBING WORKS.



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

	B (EXTERNAL PL	OQ UMBIN	G WORKS)	
S NO	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
A A	WATER SUPPLY PIPING Providing, laying, jointing and testing P.E. 80 pipe PN-10 for water supply 1/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/e, 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.	Mtr Mtr	10 12 15	115/2	1150/2
2	do— but 40mm dia do— but 50mm dia do— but 63mm dia do— but 75mm dia do— but 90mm dia do— but 110mm dia Providing G.I Pipes. & special etc including from 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 will in one chain and painting two coats of bitume paint to pipe & special after cleaning arrhassian cloth soaked in a maxphalt composition wrapped tightly round pipes & testing to pressure head of 300 feet and handling.	g h n	15 10 570 348 83 193	270/2 390/2 530/4 730/1 1095/2	
1	4* dia G.I. Pipe	Mt	3 1 1 2 2 2 2	2980/	17886

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TO DIRECTOR

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

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27	3 B	OQ			
	(EXTERNAL PL	UMBIN	G WORKS	5)	
S,NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
	Contraction of the Contraction o				600 2 /
3	GATE VALVE (GUN METAL)	225	18 J	600	1800 2
ī	1" dia Heavy Pattern	Nos.		800	TU50.
li .	1-1/4" dia Heavy Pattern	Nos.	1		
iii	1-1/2* dia Heavy Pattern	Nos.	1	1450	1680 31
	2* dia Heavy Pattern	Nos.	1	1680	416304
lv.	2 dia neavy rauein	Nos.	23	1810	-4441
V	2-1/2" dia Heavy Pattern	Nos.	2	2500	5000/20
Vi	3" dia Heavy Pattern	Nos.	2	25000	-7600/z
VII	4" dia Heavy Pattern	11.3.		3800	7072
4	VALVE CHAMBER				.51
	Providing chamber 2'-0" x 2'-0" inside	0 0		1	
	Idimension 4-1/2' deep as per approved design	8 9		1	
	for eluice valve 3" to 12" dia with 18" dia inside	10 34		1	1
	cast iron cover and frame (wt=1 Cwt 3qr) fixed in	ē ()		Al.	1
	RCC 1:2:4 thick brick masonary walls set in 1:6	0.00		3	
	cement mortar 6" (1152mm) thick cement	8 //	1	1	V.
170	concrete 1:2:4 flooring1/2" (12.5mm) thick	K 11	0	1	10
	concrete 1:2:4 hooring the tracks and		1	1	(A)
1	cement plaster 1:3 to all inside wall surface and		10	M.,	10
	to top including providing and fixing M.S floor		15		R
	rest at every one foot beyond 2-1/2" ft. depth		M	(1)	T .
	curving, excavation, back filling and disposal of	1			1 .
	surplus earth etc. complete in all respect	1	10	18	1
	N 20	1	V.	11-0-1	222 00
		Nos.	22	1/500/3	23300
100		100000	985	- /	
	Providing chamber 4'-0" x 4'-0" insid	P .			
	Providing chamber 4-0 x 4-0 inside		1	100	()
	dimension 4-1/2' deep as per approved desig		1	+	
	for sluice valve 3" to 12" dia with 18" dia insid		4	1	110
	cast iron cover and frame (wt=1 Cwt 3qr) fixed	2	34	1	
	IRCC 1-2-4 thick brick masonary walls set in 1	0	14	4	E)
	coment mortar 6" (1152mm) thick come	Dt.	13	1	
11	concrete 1:2:4 8coring1/2" (12.5mm) the	SKI!	111	1	10
ii	cement plaster 1:3 to all inside wall surface ar	d	0.00	100	
	to top including providing and fixing M.S flo	or	1	1	N Is
	rest at every one foot beyond 2-1/2" ft. dept	h.l		31	10 102
	rest at every one tool beyond 2-1/2 to sep-	off	1		4
	curving, excavation, back filling and disposal	~	10	100	COCW
	surplus earth etc. complete in all respect	78	10 ==	19500	10000
	The state of the s	No	s. 3	11500	12 5850
	0			, a	- X
5	BOOSTING PUMPS FOR WATER SUPPLY		1	1	
3	Supply and fixing equipment and ancillaries	- 170	1	V	-
		lar.	4	1	- 14
	Centrifugal Pump, Brass Double Impel		4	1	34.0
	Istainless Steel Shaft complete with any	ing		1	
	meter electrical control wirings/cables, condu	11.5.	0	1	
	control name! and all necessary accessor	nes	1	- 34	V)
	fitting including valves, network pipes,fitti	ngs	8	2007	16 22
	necessary to complete the job	100		M 50 5	10
	necessary to complete the too 1	1			1
	May Flow Promiting Max Head 57m,	3		-	1000
1	phase 38 2 (appx 7.5 hb)	N	25.7 5	2000	197

Bill Of Quantities

PLUMBING WORKS EXTERNAL DHQ MIRPURKHAS HOSPITAL

WATER SUPPLY & IRRIGATION SYSTEM

	B (EXTERNAL PL	OQ UMBIN	G WORK	S)	
S.NO.		UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
65.				1	
6	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.				
			987	00	990/2
4	20mm dia	Mtr	10	-//	1039601
ii	25mm dia	Mtr	904	115	103760
m	32mm dia	Mtr	489	145	70905/2
lv	40mm dia	Mtr	143	192	37454
V	50mm dia	Mtr	232	270	62640
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. HANDLE VALVES FOR CONTROLLING	Nos.	16	20000	33000
	SPRINKLERS Complete assembly of sprinkler control valve as per working details			0751	275/2
3	3/4" dia	Nos.		373/2	172
ii	1" dia	Nos.	4	425/0	1 70/2
iii	1-1/4" dia	Nos.	1	650/2	375/2 1700/2 650/2
(V)	1-1/2° dia	Nos.	1		13/0/2
v	2" dia ELEC	Nos.	100	1625/	II II

PROJECT DIRECTOR

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

	(EXTERNAL P	BOQ LUMBIN	G WORK	(S)	
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
9	HANDLE VALVES FOR HOSE CONNECTION				
ī	Complete assembly of Rubber Hose connection with nozzel, valve as per working details 3/4* dia	Nos.	5	390	1950/2
10	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.				
. 9	Max Flow: 10m3/hr Max Head 22m, C phase,380 V, (appx. 2 hp)	Nos.	2	70000	1400001
			TOTAL		164454
	17 July 2 2 F. J		ND TOTA		284603

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

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

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SEWERAGE SYSTEM

	1/10	OQ	c works	21	
	(EXTERNAL PL	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)
S.NO.	DESCRIPTION				
B 1	SEWERAGE PIPE 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. 1. 110 mm dia pipe iii. 150 mm dia pipe iii. 200 mm dia pipe iv. 250 mm dia pipe v. 300 mm dia pipe v. 300 mm dia pipe	Mtr Mtr Mtr Mtr Mtr Mtr	240 971 364 96 10 5	645 1650 2150 3950 5100	162000/2 1602150 70260 379200 51000
	vi. 350 mm dia pipe	Mir	3	6500	32500
2	Construction manhole or inspection chamber for the required dia of circular sewer and 3 6" (1067mm) depth with walls of B.B. I 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. manhole cover with frame of clear opening 1/2' x 1-1/2' (457 x457mm) of 1.75 CV embedded in plain C.C. 1:2:4 and fixing (25mm) dia M.S steps 6" (150mm), wis projecting 4" (102mm) from the face of wat 12" (305 mm) (if required), C.C. dispainted etc. complete as per specification and drawing 2' x 2' x 3'-6" Deduct from the above cost at the rate or F 500 per foot depth where the depth of manhole is 12" (3'-6")	n " I. I- vt II	28	14500	40606

SEWERAGE SYSTEM

3	(EXTERNAL PLI	JMBIN	G WORKS	6)	
S.NO.		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 neccessary 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 neccessities, ready to complete the job as per specifications, working drawings and instructions of consultant		-		
	3'~4' dia x 7'-6" Deduct from the above cost at the rate or Rs. 1500 per foot depth where the depth of manhole is less than 7'-6"	Nos.	5	35000/1	175000
4	Soak pit or Seepage Pit of 12' Ø x 9' depth, with 6" Thick Layer of 2"-3" Grave around Concrete Block Laid Flat with oper Joints as shown in detail * SEPTIC TANK	1	2	125000	25000
5 i	Construction of Septic Tank # 1 (50,000 ga cap.) including partitions complete packagin all respect.	Job	1	200000	0/2 2000
ii	Construction of Septic Tank # 2 (20,500 ga cap.) including partitions complete package in all respect.	Job	1	14000	94 14000 825000

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Bill Of Quantities PLUMBING WORKS EXTERNAL DHQ MIRPURKHAS HOSPITAL SEWERAGE SYSTEM

	B(EXTERNAL PL	DQ UMBIN	G WORKS	5)	Ť
S.NO.		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				
1	Electrical Submersible - Sludge Pump, min Flow: 14m3/hr min Head 10m,	Nos.	3	30000	600,000
18	Diesel Engine Sludge Pump (self priming), min Flow: 28m3/hr min Head 10m,	Nos.	1		
m	Electrical Submersible Sludge Pump, mir Flow: 8m3/hr min Head 10m,	Nos.	2	300000	1 49000
iv	Diesel Engine Sludge Pump (self priming) min Flow: 16m3/hr min Head 10m	Nos.	1	490000	1 49000

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

ther defects if any shall be made good by the contractor at his own cost



STORM WATER DRAINAGE

0	£1. €= €9.6 Zer2 expeties:	BOQ	C WORKS	5)	
2	(EXTERNAL	PLUMBIN	QTY	RATE (Rs.)	AMOUNT (Rs.)
NO.	DESCRIPTION	JANIE			
1 5	STORM WATER DRAINAGE RAIN WATER GRATING Providing and fixing of Bar grating of 1 square solid steel bar having bearing 1 spacing 2° C.C. 8 cross bars spacing C.C. For rain water catchment, access for maintenance; of the following widths shown in working drawing 1. 150 mm wide grating 11. 200 mm wide grating 11. 300 mm wide grating 12. 450 mm wide grating 13. 600 mm wide grating 14. 600 mm wide grating 15. 600 mm wide grating 16. 600 mm wide grating 17. 600 mm wide grating	4" ble	226 225 111- 10 40	700 935 1400 3500/	150200, 210375, 155400, 25000,
2	STORM WATER PIPES Providing uPVC pipes of class B equiver make fixing in trench including cutting and jointing with z joint with one ming,i.e. Testing with water to head of or 200 ft. i. 150 mm dia pipe ii. 250 mm dia pipe iii. 250 mm dia pipe iv. 300 mm dia pipe v. 350 mm dia pipe vi. 400 mm dia pipe vi. 400 mm dia pipe	pper	5 4 5 5	7980 7980 7980	35500
3 1	RAINWATER INLETS Construction OF storm water chambitat type inlet grating capable of being for inspection purpose as per drawing with walls of B.B. in cement 1:3 cement plaster 1:3, 1/2" thick in walls and 1" (25mm) thick over bland channel including fixing of mentioned above, embedded in place of the property of the place of th	working mortar iside of enching N grating ain C.C.	os.	13 /600	0000
	Construction storm water curb specified in working drawings with B.B. In cement mortar 1:3 cemen 1:3, 1/2" thick inside of walls and 1 thick over benching and channel tixing of grating mentioned embedded in C.C. 1:2:4 co	nt plaster " (25mm) including above,	Nos.	1	(25578

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RM'	_		BOQ	in MOBK	(S)		
3)		(EXTERNAL	PLUMBIN	OTY	RATE (Rs.)	AMOUNT (Rs.)	
NO.	7	DESCRIPTION	Unit	1,500			Š.
5 1	CHA Con to 1 perr as pro cru soli cru drs CC Pr st	ISTRUCTION OF RCC RAIN WATER INNEL struction of R.C.C Rain Water Channover the load of grating & vehicle niting rain water to travel in the chann shown in working drawing including and laying of RCC (1:4:8) using shotne with round bars, with SR cemel of block of cement concrete (1:2:4) usinshed stone, as specified in work award of the stone, as specified in work award of the stone with SR cement all as specified in work award of the stone with SR cement all as specified wit	walls and balls and recast annels,	n 45	2	1236750 0/236750 0/233493	
	6	Suction Pumps Supply and fixing equipment and anci- Suction Pump (Positive Displation Pump) Stainless Steel body complianting motor, electrical wirings/cables, conduits, control parall necessary accessories fitting valves, network pipes, fittings necessary accessories fitting valves, network pipes, fitting necessary accessories fitting necessa	ete with control anel and including essary to ilications, in of the		1 14	100/2 1410	20/2

Note:

All the tools wife the and machinery required for laylong joining and testing of the pipe line shall be a good by the contrator at his own cost shall be a good by the contrator at his own cost.

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	(EXTERNAL PLUMBING WORKS) (EXTERNAL PLUMBING WORKS) AMOUNT (Rs.)				
	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount
s.no.	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 a accessories, valves fittings measuring meters complete package in all respect	Job	1	1,400,000	1400,000
	Cour.	SI	JB TOTAL	Rs.	1900009

PROJECT DIRECTOR



COMPONENT - VI

EXTERNAL ELECTRICAL WORKS



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Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ MIRPURKHAS HOSPITAL SUMMARY

(3)	(EXTERNAL ELECTRICAL	MORKS) AMOUNT (Rs.)
S.NO.	DESCRIPTION	22.370.521/s
1	Electrical Power Distribution	3848726
2	Communication System	38020311
3	External Illumination	10305190/2
4	HT Cable & Transformer	4A376549/1
	Total	89691,730
5	Generator	11200000
	G.Total	51 526540

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P	ELECTRICAL P	BOQ		BUTIO	N		
NO.		UNIT	QTY	F	RATE/ Metre (Rs.)	AMOUNT (Rs.)	
	SECTION: A						
1	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES						
10	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 conductor underground PVC pipe or on cable tray for power and miscellaneous wiring Complete in all respects as per Drawing.	d it					
	The second	M	-		320	26240	1
а	4 core 4 Sq.mm PVC	M	-	435	461	1 100 151	1
b	4 core 6 Sq.mm PVC	M		94	751	70594	4
C	4 core 10 Sq.mm PVC	_	tr.	180	1017	183060	
d	4 core 16 Sq.mm PVC		ltr.	57	1550	08350	12
e	4 core 25 Sq.mm PVC	_	Ntr.		2131	153450	4
f	4 core 35sg.mm PVC	1000	7.7.7	628	2076	1806128	4
g	4 core 50sq.mm PVC	_	Atr.	020	4117	1 62 0/35 V	A
-	4 core 70sq.mm PVC	-	Atr.	155	5100	7527600	
h	4 core 95sq.mm PVC	1	Atr.	14/6	5100	124	
1	4 core 955q.mm1 75					- 2	
_		- 1		- 0.0	43	3526	
	1 core 2.5 Sq.mm PVC E.C.C		Mtr.	82		39145	
K		1	Mtr.	43		9306	
1	1 core 4 Sq.mm PVC E.C.C		Mtr.		4 99	32004	
п	1 cpre 6.Sq.mm PVC E.C.C		Mtr.	19	4 166	34648	
п	1 core 10 Sq.mm PVC E.C.C		Mtr.	14	2 344	135936	
1	1 core 16 Sq.mm PVC E.C.C		Mtr.	35	4 304	16204	24
1	1 core 25 Sq.mm PVC E.C.C		Mtr.	- 4	534	2265/8	
	1 core 35 Sq.mm PVC E.C.C		Mtr.	3	2 726		
- 1	1 core 50 Sq.mm PVC E.C.C		Mtr.		56 /030 05 /35°	11/1/195/2	-
	11 core 70st Hill Tale E.C.C		Mtr.	3	05 135	4144134	
	u 1 core stant PVQ E.C.C	0	/			otal LO Lette	50
	High years 1	13			375	110 8016	P
	2 Ponence 3 1 131	17	-	_			1/2
			1	1	(J	entor is	· 1
				9	-OTECED	RECTOR HOSPITALS	

	ELECTRICAL P	BOQ OWER	DISTRIBUT	TION	
S.NO.	DESCRIPTION	UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.
	• «				
2	CONDUITS & PIPES				
	Providing and Laying following sizes (Internal diameter of undergrond class 'D' PVC pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.				Silvery to
а	100mm dia	Mtr.	B14	1000	2140000
ь	150mm dia	Mtr.	610	1700	103 4000/2
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.	6		12000	60000
а	1200mm x 1200mm x 1200 mm	Each		1000	
b	900 mm x 900 mm x 900 mm	Each		12000	168000
c	750 mm x 750 mm x 750 mm	Each		10000	300000
d	600 mg 6885 frim 600 mg/c 20030	Each		12000 Tota	The second secon

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	BOQ ELECTRICAL POWER DISTRIBUTION								
S.NO.		UNIT	QTY	RATE/ Metre (Rs.)	AMOUNT (Rs.)				
	SECTION: B								
1	L.T DISTRIBUTION BOARDS								
0	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.	1 1		1					
	8			7 6 6 6 6 6	1000000				
а	MLTP-1/S1	Nos.		7000000 200000					
b	MLTP-1/S2	Nos.		621600	621600				
C	MLTP-1/S3	Nos.		001000	021000				
	55 404	Nos.		150200	158200				
d	DP-1/S1 DP-1a/S1	Nos.	1	163 000	163800				
e f	DP-18/51	Nos.		300000	200000				
g	DP-EL Room-1	Nos		411600	411600				
h	DP-EL Room-2	Nos		59 7800	597800				
1	DP-EL Room-3	Nos.		144200	144200				
k	DP-Emergency EL Room-1	Nos.		63000	£3000				
- 1	DP-Emergency EL Room-2	Nos.		99400	99400				
m	DP-Emergency EL Room-3	Nos.		315000	3/5000				
D	DB- Pump Room	Nos.		54600	54600				
D	DP-1/S3	Nos.		177600	117 600				
p	DP-2/S3	Nos.		1 /2000	120000				
q	DP-2a/S3	Nos.		35000	33000				
-	DP-3/S3	Nos.		1 119000	119000				
s	DP-3a/S3	Nos.		30000	3,0000				
t	DP-4/S3	Nos	-	1 60000	60000				
u	DP-4a/S3	Nos.	-	1 54600	54600				
-	DB- Sludge Pump	Nos.	-	2 54600	54600				
V	DB- Sludge Bank	1403.		Total	6774 600				

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	ELECTRICAL I	Ŷ.			
S.NO.	DESCRIPTION		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 chamical 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
ь	Rod type earth electrode including earthing lead, inspection chamber and all accessories.		18	45000	455000/2 810000/2
7				Total /	2,65000/2 22,310,52

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Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ MIRPURKHAS HOSPITAL COMMUNICATION SYSTEM

e,	BOQ COMMUNICATION SYSTEM								
S.NO.	DECORPORA		QTY	BATE (Do.)	AMOUNT O				
		UNIT	411	RATE (Rs.)	AMOUNT (Rs.				
-15-51	SECTION -A			-					
2.05	Providing, Installation and wiring from telephone Exchange upto telephone Cabinets and telephone Cabinets to telephone Cabinets . Complete in all respects as per Drawing.								
	10 Pair cable	Mir	112	400	44800				
	12 Pair cable	Mir	10	465					
	15 pair cable	Mtr	10	The second secon	4650				
	25 Pair cable	Mtr	10	532	5300				
	30 Pair cable	Mtr		665	6650				
	40 Pair cable	Mtr	10	731	330				
g !	50 Pair cable	Mtr.	972 764	R69	839808				
		IVIII.	/04	1263 Total	964932				
2	Providing, Installation wiring for Telephone ines from Telephone Cabinet upto T.J.B. Electrical Room). Complete in all Respects as per Drawing.			Total	and provide a little				
	Pair cable	Mtr.	000	30	6180				
b 11	0 Pair cable	Mtr.	206	The second secon	82232				
C 1	2 Pair cable	Mtr.	64	399	25536				
d 2	20 Pair cable	Mtr.	272	45	126480				
	ELEC SHEET	Witt:	220	200	1100-00				
1	(4) (5) (1) (4)			Total	Dryi to				

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BIII Of Quantities EXTERNAL ELECTRICAL WORKS DHQ MIRPURKHAS HOSPITAL

COMMUNICATION SYSTEM

	BOQ COMMUNICATION SYSTEM							
s.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.)			
	SECTION -B			-				
	SESTION B							
1	Telephone Cabinet Floor Standing Type:							
а	MS Telephone Cabinet of 200 Pairs	Nos	1	2000	2000			
b	MS Telephone Cabinet of 90 Pairs	Nos	1	18000	18000			
C	MS Telephone Cabinet of 70 Pairs	Nos	1	7000	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			
q	MS Telephone Cabinet of 20 Pairs	Nos	625	10 000	1000			
				Total	127000			
	SECTION -C							
1	CONDUITS & PIPES							
	pipe with accessories including pull wire, excavation and backfilling etc., complete in all respects as per Drawing.				-			
a	100mm dia	Mir.	216	1800	388800			
ь	75mm dia	Mtr.	200	1600	320000			
c	50mm dia	Mtr	122	230	28060			
d	40mm dia	Mtr.	10	220	2200			
e	32mm dia	Mtr.	186	210	39060			
f	25mm dia	Mtr.	260	200	52000.			
-	120mm dia	1 10.00	200	Total	8301701z			
2	Communication Cable Chambers	1-1		1				
	Providing and Construction of RCC or Brick Manhole of internal dimensions as below including excavation, backfilling arx construction of RCC wall and stab, providing medium duty CI cover of 500 mm x 500 mm with frame. Complete in all respects as per Drawing.							
а	750mm x 750 mm x 750 mm	Each	5	25000	12.5000			
b	500mm x 500 mm x 500 mm	Each	21	15000	315000			
0	400mm x 400 mm 116	Each	30	10000	300,000			
	1 60 3 63 63		700	Total	744.4			
		-		G.TOTAL	1698120			

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Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ MIRPURKHAS HOSPITAL EXTERNAL ILLUMINATION

	BOQ EXTERNAL ILLUMINATION								
S.NO.		UNIT	All Sales and the	RATE (Rs.)	AMOUNT (Rs.)				
	SECTION-A								
	SECTION-A	-							
1	Poles & Light Fixtures								
	Following pole are required for Street lighting with ligh fixtures.			9 FL					
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 (
ь	Providing and installation of Single pole Of (19.88ft) 6m Height with One lighting fixturePhilips model no. Greenvision Flexi 46/CW 55 220V-240V AC MB IP66 with 1' bracket. Complete in all respect as per Drawing.	Nos			855000				
С	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- 7/0W 220V. Complete in all Respects as		58	lana	S60,000/				
	per Drawing. 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.			looso	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.			65000	130,000				
2	WIRING AND CABLING								
		***	p. 180 c	17.2.60	200121				
3	3 Core 2.5 sqmm	Mit.			283174				
b	3 Core 4 seems	Mtr.		242.72	100132				
C	3 Core comm. "	Mtr.	105	351.12	36867				

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Bill Of Quantities EXTERNAL ELECTRICAL WORKS DHQ MIRPURKHAS HOSPITAL EXTERNAL ILLUMINATION

2		BOQ	Syrama		
2. 用的一种	EXTERNAL		100		
S.NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT (Rs.
	SECTION-B		-		
0.1	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	S1/SDP -1 Street Lighting 1	Nos	-	20000	20006
Ь	S1/SDP -2 Street Lighting 2	Nos		20000	
C	S1/SDP -3 Street Lighting 3	Nos		20000	20000
d	S3/SDP -1 Street Lighting 4	Nos			20000
0	S3/SDP -2 Street Lighting 5	Nos		20000	20000
f (S3/SDP -3 Street Lighting 6	Nos			20000
9	S2/SDB-1 Hospital Lawn Lighting	Nos		20000	20000
h	S2/SDB-2 Hospital Lawn Lighting	Nos		20000	20000
2	CONDUITS & PIPES			201191	A CONTRACTOR OF THE CONTRACTOR
	Providing and Laying of following sizes (internal diameter of undergrond class 'E' PVC pipe with accessories including pull wire, excavation and backfilling etc. Complete in all respects as per drawing.				140
a	50mm dia	Mtr.	10	230	2306
	40mm dia	Mtr.	12	220	2640
	32mm dia .	Mtr.	765	210	160650
d	25mm dia	Mir.	1731	200	346200
	ASTER ASTER			TOTAL	3 6 100
-/-				G.TOTAL	711791

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Bill Of Quantities

EXTERNAL ELECTRICAL WORKS

DHQ MIRPURKHAS HOSPITAL

HT CABLE & TRANSFORMER

Si M do ne re a 63 Si M do ne re a 75 D 15 D 15 D 16 D 16 D 16 D 16 D 16 D 1	DESCRIPTION SECTION: A POWER TRANSFORMER WITH HT BREAKER Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed, naturally cooled, step from 11000/400/230 volts 50 cycles all allied secessary accessories etc., complete in all eccessary accessories etc., complete in a	Nos.	1 1	12-cocoo	(200000)
Si M do ne re a 63 Si M do ne re a 75 D 15 D 15 D 16 D 16 D 16 D 16 D 16 D 1	COWER TRANSFORMER WITH HT BREAKER Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed naturally cooled, step fown 11000/400/230 volts 50 cycles all ailied lecessary accessories etc., complete in all ecpect. 30KVA Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step fown 11000/400/230 volts 50 cycles & all allied lecessary accessories etc., complete in all ecpect. 50KVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting leaners. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos. Nos.		140000	1400000
Si M do ne re a 63 Si M do ne re a 75 D 15 D 15 D 16 D 16 D 16 D 16 D 16 D 1	COWER TRANSFORMER WITH HT BREAKER Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed naturally cooled, step fown 11000/400/230 volts 50 cycles all ailied lecessary accessories etc., complete in all ecpect. 30KVA Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step fown 11000/400/230 volts 50 cycles & all allied lecessary accessories etc., complete in all ecpect. 50KVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting leaners. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos. Nos.		140000	1400000
Si M do ne re a 63 Si M do ne re a 75 D 15 D 15 D 16 D 16 D 16 D 16 D 16 D 1	Supply and Fixing of Power Transformer (Pole Mounted Type) oil immersed, naturally cooled, step fown 11000/400/230 volts 50 cycles all allied secessary accessories etc., complete in all eccept. Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step fown 11000/400/230 volts 50 cycles & all allied secessary accessories etc., complete in all eccept. SOKVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting samels. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos. Nos.		140000	1400000
M do ne re a 63 M do ne re a 75 b 15 c Pi isi pa da	Mounted Type) oil immersed, naturally cooled, step from 11000/400/230 volts 50 cycles all ailled secessary accessories etc., complete in all ecpect. 30KVA Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step from 11000/400/230 volts 50 cycles & all allied secessary accessories etc., complete in all ecpect. 50KVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting samels. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos. Nos.		140000	1400000
Si M dd ne re a 75 b 15 c Pri isi pe la dd	Supply and Fixing of Power Transformer (Pad Mounted Type) oil immersed, naturally cooled, step lown 11000/400/230 volts 50 cycles & alt allied recessary accessories etc., complete in all ecpect. 50KVA 50KVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting ranels. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos.		140000	1400000
M do ne re a 75 b 15 c Prissipal da da	Mounted Type) oil immersed, naturally cooled, step flown 11000/400/230 volts 50 cycles & all allied secessary accessories etc., complete in all ecpect. 50KVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting samels. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos. Nos.			
C Priss	500kVA Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting lanels. Complete with selector switches indicating amps sheet steel cubical factory assembled and	Nos.			
c Priss	Providing and fixing HT 11 KV panels and disc solators for all above transformers, floor mounting panels. Complete with selector switches indicating amps sheet steel cubical factory assembled and		1	2706,000	22∞∞0
pa la di	solators for all above transformers, floor mounting panels. Complete with selector switches indicating amps sheet steel cubical factory assembled and			+-/	
_	ccessories etc.,complete in all recpect.	dol.	• 1	2760000 Total	270000
	SECTION: B	-		<	
	SECTION: B	-			
1 H	IT CABLES				UHEN-ESC.
b: ov w	T electric cable 11kV stranded copper conductor, XLPE insulated, extruded, PVC pedded, steel wire armoured and PVC sheathed overall 3 core, 50 mm² laid in trenches complete with bricks, sand (included cost of excavation), supply and fixing.		660	3958	2612280
0 0	The electric cable 11kV stranded copper conductor. XLPE insulated, extruded, PVC pedded, steel wire armoured and PVC sheathed overall 3 core, 35 mm² laid in trenches complete with bricks, satisficulted cost of exercises supply and fixing.		10	3291	32910

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			10112 (100.)	Panobit (Ks.				
1	LIGHTNING PROTECTION FOR BUILDING				- Lines				
	Providing & fixing 1-1/2" x 1/3" thick copper strip with suitable saddle at 12" intervals complete as required								
-	Lightning protection system at Roof of substation	Nos.	1	80000	80000				
b	Lightning protection system for PMT (Pole Mounted Type)	Nos.	1	80000	80000				
-	TELES STATES			Total					
1	MM (2 (2000) 2) (2 (2000) 2)			G.Total	160000				

PROJECT DIRECTOR
REFERENCE SHOP

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	A	2	5/00,000	102000				
. 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	400000/2	400000/2				
3	Auto mains failer transfer swtich (ATS/AMF) for the above D.G set	Nos	1	600000	600000/2				
				Total	1.120000				

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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 DHQ Hospital in Sindh.

Client:

Health Department



Consultant:

Atlf Nazar Associates

Consulting Engineers & Architects

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

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

Summary Evaluation Report Technical Bids

Project:

External Development and External Services Work at DHQ Hospital

DHO Hospital Mirpurkhas.

Sr.	Participated Contractor	Marks	Total			
2.	M/s. Pakistan Electric Works.	Attained	Marks	% age	Position	Remarks
	Ciccuit Works.	72.28	100	72.28%	Tet .	
	M/s. Muhammad Hasni		(İst	Qualify
il.	Builders. Muhammad Hasni	63.88	100	63.88%	2nd	
	M/s. Kamran Builders.				2110	Qualify
	- Junicers.	20.00	100	20.00%	N/A	
				H-19-0-10.	N/A	Disqualify

Additional Secretary (Dev.) Health Dept (Member)

(Member)

Up to 05 Years. Up to 10 Years. Outside Country. In any other Province/ Islamabad. In Sindh Province Office Pacilities. Valid registration certificate from income Tax Authority (N.T.N.); is not Black Listed. (Attach all criticates and affidavit of not black listing) Above 10 Years. TIMORA SANNAMO (Attach PBC Licence for each year) Period Since Firm/Contractor is in construction business for 2012 year; Valid registration certificate of PBC in the category C-4 or above and in Civil discipline Pirms / Contractor must possess. Mandatory Provisions / Bligibility: **EVALUATION REPORT (TECHNICAL)** FRE CUALIFICATION PARAMETERS External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Aggregate Qualifying Score is 60%, story to obtain at least 30% in each of the following sections. Total Section (A) Attained %age. Constructor's Calegory THE STRUM YAVE Disciplina /Code Registration Year 5 2012 Information 2006 MA Mahamand House Bull-ters. 2 Murica 7 8 6 Office in Questa PEG Lorses to 1891 Office in Dade Remarko PASS

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	20		8	I of all Section (C)				٦
	10	3 DARs.	Same	Aurita for above 02 ye			experience of 2 years or above.	下
Affidant Attached	10	04 Englasses	5	Of Mentis for above 10 years. (Atlants from property of the payment challess showing at least 1 year consistence mappingment with firm.) 1 additional Mark for Mile. (One Bugg.)/M.E. (One)	5	Od Nos.	Supplement with Protestes Supplementage Counted (PSC) with supertaness of System or above. Diplomes in Civil Supplementage with	2
				Romarks Romarks	Antigue	Required 02 Nos.	#1	_ Z
+					8	guidelir	collowing factors may be used as a guideline	03
28	2		20	E .	ed to Pro	from Pro	Requirement of persons will vary from Project to Project	8
47 PASS	1			HIS PROJECT.	D POR T	BQUURB	PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.	3
-			36	Total Section (B)				T
S Markoni,	20	91 Projects	15		n hand. fillion or	iplexity is out 100 N	Projects of similar nature and complexity in hand. (5 Marks for each project having cost 100 Million or above) (Attach Copies of Work orders.)	507
•		8 Project	15	l over hat 05 years, letion certificates)	ompleted ory compl	apleadiy o	Projects of similar nature and complexity completed over last 05 years. (3 Marks for each project) (Attach satisfactory completion certificates)	23
30	98		30			E	CONTRACT BY BRIDGE OF WOODE	10
			\$//\Xd \X1 \/ \X \X \X \X \X \X \X \					
				External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Aggregate Qualifying Sore is 60%, but it is madelony to obtain at least 30% in each of the following sections.	elopme Q. Hosp & Quality	ALDH.	Exter best in in mediator	





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List of Attached Documents More than 40% of Estimated Cost of this Work 26-40% of Estimated Cost of this Work. Position. Working Capital in hand for this project / work. (Attach proof of Bank Statement / 16 -25% of Estimated Cost of this Work Credit Facilities For Financial status assessment, the applicants may be required to submit Audited PRINANCIAL SOUNDNESS/STATUS. less than 15% of Batimated Cost of this Work. financial status. Where necessary, the Procuring Agency will make enquiries with the Financial Statement for the last five years or any other document which verifies their 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 BQUIPMENT CAPABILITY. Critical equipment and number required for the project shall be specified by the irm's / contractor's bankers. sobilization on on-going projects. but it is madetory to obtain at least 30% in each of the following actions EVALUATION REPORT (TECHNICAL) PRECONLINEATION FARAMETERS External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Aggregate Qualifying Score is 60%, Total Attained %age. Total Section (E) Attained %age. Total Section (D) Attained %age. MAX. MARKS SUB 8 3 3 8 23 2 Volume-II, Specifications 3. Volume-V, Poet Quantification Doc. 1. Volume-L Conditions of Contract LCothpany Profile ceition AN HARMAN BANK PAR Quality 63.88 5 5 S 588 25 Ħ S Attached Attached 8874 58V4 BEV



Mandatory Provisions / Eligibility:
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valua regastration certificate of PBC in the category C-4 or above and in Civil discipline Constructor's Category C-4 for 2012 year;
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COMPANY'S PROPER II
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Up to 10 Years. 2
Above 10 Years. 5
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In any other Province/ Jelamabad.
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imark, le of Attached Documents 26-40% of Estimated Cost of this Work. More than 40% of Estimated Cost of this Work. 6-25% of Batimated Cost of this Work Less than 15% of Estimated Cost of this Work. Credit Facilities Working Capital in hand for this project / work. (Attach proof of Bank Statement / financial status. Where necessary, the Procuring Agency will make enquiries with the furn's / contractor's bankers, Pinancial Statement for the last five years or any other document which verifies their For Financial status assessment, the applicants may be required to submit Audited FINANCIAL SOUNDNESS / STATUS. 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 Procuring Agency. Critical equipment and number required for the project shall be specified by the EQUIPMENT CAPABILITY. nobilization on on-going projects. Aggregate Qualifying Score is 60%, but it is madatory to obtain at least 30% in each of the following sections. EVALUATION REPORT (TECHNICAL) THE CHALLESCATION PARAMETERS External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Total Attained %age. Total Section (E) Total Section (D) Attained %age. Attained Nage. MIDIA NA PARK SIR 8 23 8 8 6 PATOR K 5 w ü 5 2. Volume-II, Specifications . 3. Volume-V, Post Quantification Doc. d.Company Profile 1. Volume-1, Conditions of Contract (Not Qualify) Fails in all mandator documentary evidence. provintons, Section A, C, B and not atted 20.00 8 5.00 3 8 FAIL Detail Sheet Attached MA PASS

Outside Country In Sindh Province, Up to 10 Years. Above 10 Years. in any other Province/ islamshed. Office Facilities. COMPANY'S PROFILE Up to 05 Years. (Attach PBC Licence for each year) Valid registration certificate from income Tax Authority (N.T.N.); is not Black Listed. (Attach all criticates and affidavit of not black listing). for 2012 year; Valid registration certificate of PBC in the category C-4 or above and in Civil discipline Period Since Firm/Contractor is in construction business. Firms / Contractor must possess. Mandatory Provisions / High Hity: but it is meadatory to obtain at least 30% in each of the following sections. SHE SHOW I NOT THE WATER OF THE SHEET EVALUATION REPORT (TECHNICAL) External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Aggregate Qualifying Score is 60%, Total Section (A) Constructor's Category Discipilizas / Code Ragiotesticus Year 5 5 2012 Information 2002 2 K. 9 5 Office in Kanada Hydrachad & Chalper Man PASS Fred Attaches Remarks



EVALUATION REPORT (TECHNICAL) External Development & External Services

35 CHE 20		/ W/		of Symans 10 at	92 Nos. 30	No qualification of topurismon Required Assigned	Pollowing factors may be used as a guideline.	Requirement of persons will vary from Project to Project	PERSONNEL CAPAJILITIES REQUIRED FOR THIS PROJECT			(5 Marks for each project having cost 100 Million or above) (Attach Copies of Work orders.)	Projects of similar nature and Atlanta satisfactory completion certificates)	Projects of similar nature and complexity completed over het 05 years.	GRNBKAL EXPERIENCE RECORD		External Development & External Services At D.H.Q. Hospital, Mirpurkhas. Aggregate Qualifying Score is 60%, but it is madatory to obtain at least 30% in each of the following sections.
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High value equipment should be an option to own, issue or him.	53	Data Sheet
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10 -20% of Bettmated Cost of this Work.	5	7.309 M Shown In Second Bank (M) &
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Contition 10th Attained Sage.	-	PASS
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let of Attached Documents, (L.)	Volume-I, Conditions of Contract Volume-II, Specifications Volume-IV, Post Quantification Dec Company Profile	D E



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or has one erces At Milipurkhas, Sindi	armal Gardene Ad Mr.
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er Bulldover (nader)		5		NOS.	0
1	Nos.	0.75		Nos.	0
Bobcat Loader (Mini Loader)	Nos.	0.25		Nos	
Dumper Truck 2	Nos	2		1000	
Tractor with Trolley		0,75		NOS.	0
Asphalt Paving Machinery & Rollers (DTDs Asphale Day	NOS.	0.375		Nos.	0
dem Roller etc.)	Nos	2		Nos.	0
Vibratory Roller 1Ton 1	Nos	0.375			,
Plate Compactor & Frog Compactor	Nos	0.125			
Vibrator (Large Shaft / Small Shaft)	N	350		1400	•
	1	0.60		NOS.	0
Generator 100kVA	NOS.	0,5		Nos.	0
Mobile Generator to DVA with Classification	Nos.	1		Nos.	0
T THE PART OF THE	Nos.	0.5		Nos.	0
condete macune	Nos.	1		Nos.	0
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	Colonial & Cylolid	Morman P Tyler
Walter Charles Co.	at outvices At Milita	
	SUPERING SINGS	

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orl (Showel / Back Hoe) orl (Shows)		Description	ð	Unik	Marks	Available	Unit	Attained Marks T = M × (A / Regula
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Bobcat Loader (Mind Loader)	1	Nos	0.75		NOS.	0.5
Dumper Touck	1	Š			Nos.	0.75
Tractor with T	,		5	-	Nos.	0.25
ABILO11 MINI MANAGEMENT		7000	0.75		Mos	
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violetor (Large Shaft / Small Shaft)		AOS.	0.125	-	Nos.	0.000
Air Compressor (15 HP Cap.)	ŀ	Nos.	0.25	1	Non	02160.0
Generator 100KVA	1	Nos.	0.5	0		0.0825
Mobile Generator 50 KVA With Flood Links	1	Nos.			NOS.	0
Concrete Mixer Machine		Nos.	205	. .	NOS.	0
Steel cutting & Bending Machine		Nos.	1		NOS.	0.5
Shuttering (Formwork) some s	2	Nos	30,		Nos.	0.25
Scaffolding Pipe 40000 B &	1	ž		. -	Nos.	0
Thedolite / Total Station with Com	_	SE	1	-	Set	
Dewatering Pumps	-	ž,	3,010	ŀ	žě	_
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	2	Nos			Sets	0
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Government of Sindh Health Department (Development Wing)

EVALUATION REPORT (TECHNICAL)

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

Project:

Expansion & Improvement of DHO Hospital in Sindh.

Client:

Health Department



Consultant:

Attf Nazar Associates

Consulting Engineers & Architects

B-28, Block - 15, Guishan-e-Iqbal, Karachi - Palistan.

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

Summary Evaluation Report Technical Bids

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

Project:

DHO Hospital Nosharo Feroze.

M/s. Z.I.A. Services Attained Marks % age Position Remarks Mys. Z.I.A. Services 60 100 60% Ist

Project Director DHO/17HQ Hospitals in Sindh Additional Secretary (Dev.) Health Dept

(Member) evitetnesentes((.C.3) P

Construction of Allied Buildings, Residential Buildings, External Development & External Services and Renovation Work

At D.H.Q. Hospital, Nosharo Peroze. Aggregate Qualifying Score is 60%, but it is madatory to obtain at least 30% in each of the following sections. PREGUALIBICATION PARAMETURS	Allowing sections. NAM: MARKES 610	*	N-21-A-8-min	
Mandatory Provisions / Bligibility:		Information	Karb B	
Firms / Contractor must possess.		1		
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feath feitheann ceambase of the in the conduct of the second and an experience of the second and	Discipline / Co	CB-10		
ANI BOLL Jumas	Registration Year	2011		
Valid registration certificate from income Tax Authority (N.T.N.);		_		
COMPANYS PROPILE.				
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Above 10 Years.	10		Ц	
In Sindh Province.	ယ္မ		س	
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Construction of Allied Buildings, Residential Buildings, External Development & External Services and RenovationWork At D.H.Q. Hospital, Nosharo Feroze.

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

CENTRAL EXPERIENCE RECORD Projects of similar nature and complectly completed over last 05 years. (2) Mairie for each project) (Attach satisfactory completism certificates) Projects of similar nature and complectly in hand. (3) Mairie for each project) (Attach satisfactory completism certificates) Projects of similar nature and complectly in hand. (3) Mairie for each project) (Attach satisfactory completism certificates) Projects of similar nature and complectly in hand. (4) Mairie for each project to Project factors may be used as a guideline. Sr. Discription / Parties with wary from Project to Project and Parties of the states in a guideline. Projects of parties of the states in applicate to Project to Project to Project of the states in application of the states in a project to P
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Construction of Allied Buildings, Residential Buildings, External Development & External Services and RenovationWork

At D.H.Q. Hospital, Nosharo Feroze.

Aggresate Qualifying Score is 60%,

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

	List of Attached Documents.		Rmarks.	Position				More than 40% of Estimated Coet of this Work.	26 -40% of Estimated Cost of this Work	TO -50% of Campaged Coat of Gliff Molt.	Less than 15% of Estimated Cost of this Work	Working Capital in hand for this po Credit Facilities)	Pinencial Statement for the last fit financial status. Where necessary, firm's / contractor's bankers.	For Financial status assessment	STEATE SERVICE INCOME		mobilization on on-soing projects.	The continuous are light with the potton to own, lease or hire.	Procuring Agency.	DOURMENT CAPABILITY.		
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Health Department (Development Wing) Government of Sindh

EVALUATION REPORT (TECHNICAL)

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

Dadu, Sindh.

Client:

Expansion & Improvement of DHQ Hospital in Sindh.

Project:

Health Department



Atlf Nazar Associates

Consultant:

B-28, Block - 15, Gulshan-e-Iqbal, Karachi - Palistan. Consulting Engineers & Architects

Phone:021-34982561,34820497, E-mail:lnfo@atifnzzarassociates.com

Summary Evaluation Report Technical Bids

External Development and External Services Work at DHQ Hospital Dadu

DHO Hospital Dadu

VilleupsiCl	A/N					
725-093-09 V2-090 1 09	V/14	%00.0	00Z	00.0	Enterprizes. Global Technical	- 1
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		%88.69	100	88.69	M/s. Muhammad Hasrii Builders.	
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3.4	nothisoq	ags %	Marks	Attained	M/s. Pakietan Flant	L
			IstoT	Marks	Participated Contractor	9

report (Lean (Lean) Action Dept (Lean)

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	3 DABA	10	Table				`
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5	04 Engineers	6	of Marke for experience of \$ to 10 years. (Attack for above 10 years. The programme chellane observing at least 1 year continuous employment with firm.) 1 additional Marke for MRc. (Creft Begg.)/M.R. (Creft)		j	- 0.00	400
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47		3	PROJECT.	POR TI	BQUIKE	PHASONNEL CAPABILITIES REQUIRED FOR THIS PROJECT.	13
16	T	30	Attained Sage				
5	01 Projects	Ħ		illion or i	Opt 100 N	(5 Marks for each project having cost 100 Million or above) (Attach Copies of Work orders.)	\$ 0
9	65 Projecte	15	letion cartificates)	ay comp	placity is	Projects of similar nature and completely in hand.	T 1
8			over last 05 years.	ompleted	apleadty o	Projects of similar nature and complexity completed over last 05 years.	3 70
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External Development & External Services At D.H.Q. Hospital, Dadu. Aggregate Qualifying Score is 60%, but it is madetory to obtain at least 30% in each of the following accitions.				
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Critical equipment and number required for the project shall be available in	10		10	
Procuring Agency.	ω			
High value equipment abould be an option to own, lease or hire.	ام	1		
Total equipment available with the applicant is to be listed along with its current mobilization on on-going projects.			5,00	Attached
Total Section (D)	10		-	
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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.			b	
Working Capital in hand for this project / work. (Attach proof of Bank Statement / Credit Facilities)				
Less than 15% of Estimated Cost of this Work.	(n			
26 -40% of Parimeted Cost of this Work.	10		3	
More than 40% of Batmated Cost of the Work.	29		8	
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List of Attached Documents.	, , ,	1. Volume-I, Conditions of 2. Volume-II, Specifications 3. Volume-V, Post Quusific 4. Company Profile	1. Volume-L Conditions of Contract 2. Volume-D, Specifications 3. Volume-V, Post Quasification Dec. 4. Company Profile	De.
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In any other Province/ Islamahad. Outside Country. In Sindh Province. Above 10 Years. Office Facilities. Up to 05 Years. COMPANY'S PROFILE Valid registration certificate from Income Tax Authority (N.T.N.); is not Black Listed. (Attach all criticates and affidavit of not black listing) Period Since Pirm/Contractor is in construction business. Valid registration cartificate of PBC in the category C-4 or above and in Civil discipline Attach PBC Licence for each year Pirms / Contractor must possess. Mandatory Provisions / Bligibility: Aggregate Qualifying Score is 60%, but it is madatory to obtain at least 30% in each of the following sections. EVALUATION REPORT (TECHNICAL) External Development & External Services At D.H.Q. Hospital, Dadu. Total Section (A) Attained Sage. Countractor's Category MAN MARKS SUB TVEOR ö indexaction. THE COMMITTEE IN COLUMN TWO IS NOT THE OWNER. δ Marie Not Asserted Not Alteda Rossarius

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EVALUATION REPORT (TECHNICAL) Becamal Development & External Services At D.H.Q. Hospital, Dadu. Aggregate Qualifying Score is 60%, but it is madatory to obtain at least 30% in each of the following sections.	AL) ections	
CONTRACTOR AND		
GENERAL EXPERIENCE RECORD	36	36
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	Total Section (B) 30	0
PERSONNEL CAPABILITIES RECOIRED FOR THIS PROJECT	Attained %age.	0 PAI
Requirement of persons will vary from Project to Project	28	29
Pollowing factors may be used as a guideline.		
Sr. Description / Position with Number Marks No qualification & experience Respired Assignad Remarks		•
	Command 11 years 110	Ž
2 Diploma in Civil Bughnessing with 64 Nex. 10 62 March for 2 years superfaces of 2 years or above. 65 Next for above 62 years.	year operiors 10	
Total S	Total Section (C) 20	0



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Attained %age.

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Jest of Attached Documents,	Rinerios, (U) /		Total Attained See	Attained %age.	Total Section (B)	The state of the collection of the Work.	More than 40% of Reference Country Work	26 -25% of Battmated Cost of this Work.	Less than 15% of Estimated Cost of this Work.	Credit Pacilities)	financial status. Where necessary, the Procuring Agency will make enquiries with the firm's / contractor's bankers.	Financial Statement for the last five years or any other document which and its	For Financial status assessment the services	PINANCIAL SOLININESS / STATES Altained Sage.	Total Section (D)	mobilization on on-going projects.	Total equipment available with the applicant is to be listed along with the	High value equipment should be an order to	Critical equipment and number required for the project shall be specified by the	BQUIPMENT CAPABILITY.		PRECIPALING NON PARAMETERS	Aggregate Qualifying Scare is 60%, but it is madetory to obtain at least 30% in each of the following	External Development & External Services At D.H.Q. Hospital, Dadu.	EVALUATION REPORT (TECHNICAL)
			100		25	23	8 3	10					25		10	•	3	s	10			MAY WARES SOM			
L Condit	Paile in all anandatory provide C. D. B. and not atach a evidence / filling the Post q / not attach company profile.	0.00	0.00	1			-							-											
tons of Contract cations manification Doc.	Fails in all anandatory provisaions, Section A, B, C, D, B and not atach any documentary evidence / filling the Post qualification form	OO PAIL	00	+								6	FAIL	1											

		Outsid	in any	In Sind	Office	Above	Up to	Upto	Period (Attack	COM	is not	Valid	CO.	for 2012 year;	Valid	Pirme	Mand			
	Į	Outside Country.	In any other Province/ Islamabad.	In Sindh Province.	Office Facilities,	Above 10 Years.	Up to 10 Years.	Up to 05 Years.	Period Since Pirm/Contractor is in construction business. (Attach PBC Licence for each year)	COMPANY'S PROFILE.	Black Listed. (Attach all crifficates and affida	Valid registration certificate from income Tax Authority (N.T.N.);		2 year;	Valid registration certificate of PBC in the category C-4 or above and in Civil discipline	Firms / Contractor must possess.	Mandatory Provisions / Eligibility:	Section of the Control of the Contro	External Developme At D.H.Q. H. Aggregate Qualiff but it is madatory to obtain at least i	EVALUATION KEI
Attained %age.	Total Section (A)	Y							rinos.		vit of not black listing).	ority (N.T.N.);			C4 or above and in Civil discipline			And the second second	External Development & External Services At D.H.Q. Hospital, Dadu. Aggregate Qualifying Score is 60%, but it is madetory to obtain at least 30% in each of the following sections.	EVALUATION KEPORT (JECHNICAL)
<	(151)	12		ω	5	10	·	2	10				Registration Year	Discipline / Code	Constructor's Category					
									2002		√	7	2012	CB-10 & EE-84	£		Information	ž Ž		
83	13			w		10	200000000000000000000000000000000000000									2	Mada			
PASS				Office in Kenndil, Hyderabad & Dadeper Min.					PEO (188			50	Proof Astached		Researchs			

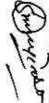
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Page 7 of 9

EVALUATION REPORT (TECHNICAL)

External Development & External Services At D.H.Q. Hospital, Dedu. At D.H.Q. Hospital, D.H.Q. Hos	Pass	8						
the External Services situl, Dadu. Some is 60%, its each of the following sections. Mistribus: Mist		19			Attained %age.			1
to External Services ital, Dadu. Sorre is 60%, its each of the following accision. MAX. MARKS SUIP Mol. Pattinia Dani MESTRES In certificates) Total Section (B) Attained Sage. PROJECT, PROJECT, Rameta R		1		1	Total Section (C)			- 1
the Extrernal Services ital, Dadu. Sorre is 60%, It encil of the following accision. HERTORY The main of the following accision. HAAV MARKS SUT) MAY MARK		•	DAR	علاد	dette for above 02	1	superfesce of 2 years or above.	
Attail, Dadu. Sore is 60%, It ends of the following accisors. MAX. MAX. MAX. C. SUD AND DOMA DESCRIPTION OF PROJECT OF Projects 15 PROJECT. PROJECT. Parasets Proposition of the following accisors. 15 15 07 Projects 15 08 20 20 20	Palary Raps American		e e e		t permant challens aboveing at least 1 thereous employment with Etm.) different black for hite. (Onli Bags.) til)	5	Opplements of Sympson	2
the External Services MAX, MALLOS SUB		7			09 Marin for experience of 8 to 10 years.	_	1	100
A External Services Stal, Dadu. Some is 60%, In each of the following sections. ALGEBRAS ALG				1	Remigha		qualification & experience	7
A External Services Stal, Dadu. Some is 60%, In each of the following sections. ANAN: MANY: MANY: Stapp MANY: MANY: MANY: Stapp MANY: MANY: MANY: Stapp MANY: MANY: MANY: Stapp MANY: MANY: MANY: MANY: Stapp MANY: M						uideline	ollowing factors may be used as a g	13
A External Services Stal, Dadu. Sore is 60%, In each of the following sections. AAAN: MARKES SUBJECT. AAAN: MA		26		20	iec:	an Project to Pro	estimate or persons will vary fro	etz
Services following excitors. AAA' FAMORY SERVICE PROJECT SOFT Project 15 Attained Serve 30 Total Section (B) 30 25	Pass	83			PROJECT.	T ROA GBAILO	WW COLLECTION OF THE PARTY OF T	하
nent & External Services Hospital, Dadu. Hydring Sore is 60%, \$ 30% in each of the following sections. ARAMAGERAGE ANALY MARKES SUIT ANALY MA		25			9		PERSONNEL CAPABIT PERSONNEL	٦İ
rent & External Services Hospital, Dadu. Mysing Sore is 60%, *SOX in each of the following sections. ARAMGERRAG				98	Total Section (B)			7
rent & External Services Hospital, Dadu. Hydring Sore is 60%, & 30% in each of the following sections. ARAMAGERRAS ARAMA	Of the last	16	02 Projects.	4		t 100 Million or	(5 Marks for each project having coa (Attach Copies of Work orders.)	100
nent & External Services Hospital, Dadu. Hydrig Sore is 60%, & 20% in each of the following sections. ARAMGERISA		5				by to band	Projects of similar nature and comp	-
Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions. Louing accions.		1	DK Products	15	f over last 05 years. letton certificates)	testity complete	(3 Marks for each project) (Attach a	-
Development & External Services At D.H.Q. Hospital, Dadu. Street Qualifying Sore is 60%, chair at least 30% in each of the following sections. RICATION PARAMETERS: RICATION P		3		30		Tiest I	Projects of similar nature	
						b	GENERAL EXPERIENCE RECOR	-
	di Westu	F	ž					11622
Beternal Development & External Services At D.H.Q. Hospital, Dadu. Aggreset Qualifying Score is 60%, but it is madetary to obtain at least 30% in each of the following sections.								125.5115
					rat & External Services Cospital, Dadu. Sping Score is 60%. SOX in each of the following sections.	At D.H.Q. H At D.H.Q. H Aggreet Qualit to obtain at least	Extern but it is meditory	200





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	in lat.	HOSILION	
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	72	38	Total Attains
PASS	ŧ	100	TATIOI
	10	1	Attained %age.
17.490 MQ		26.50	Total Section (B)
HBL-(Twa		3 20	More train 40% of Estimated Cost of this Work.
19.435 M shares	10	3 8	20 -80% of Betemated Coet of this Work.
7-805 M Shows In		5	10 - 20% of Estimated Cost of this Work
			Less than 15% of Estimated Cost of this Work,
			Credit Paclitites)
			Working Capital in hand for this project / work. (Attach proof of Bank Systeman) /
			frinancial Selement 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.
	25	6	For Financial status assessment, the applicants may be required to submit Auditod
PASS	83		MNANCIAL SOUNDNESS / STATUS
	9	i i	
-		i i	Total Section (D)
		•	mobilization on on-going projects.
DatailSha	5.28	3	Total equipment available with the applicant is to be listed along with the
MI MI			High value equipment should be an option to own, lease or him
	10	0	Procuring Agency.
		10	Oddi Mari Carasility.
THE PERSON NAMED IN	***************************************		
			but it is mediatory to obtain at least 30% in each of the following sections.
			External Development & External Services At D.H.Q. Hospital, Dadu.
			EVALUATION REPORT (TECHNICAL)
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5,88		1	10 (irks	Total Marks	
0	Nos.	3	0.25	Nos.	2			Suzuki Van	20
0	Sets		0.5	Sets	5	(Allied Construction Tools & Plants.	19
0	Sets		0.125	Sets	2	>		Dewatering Pumps	18
0	Set		0.125	Set	1	8		Thedolite / Total Station with Staff etc.	17
0.25	Set.	0.25	-	Set	1	7	-	Scaffolding Pipe 40000 R.ft.	16
0.26	Set	0.25		Set	1	10		Shuttering (Formwork) 50000 Sq.ft.	15
0	Nos.		0.125	Nos.	2		6	Steel cutting & Bending Machine.	14
4	Nos.	A	1	Nos.	4			Concrete Mixer Machine	13
0	Nos.		0.5	Nos.	1		ght Set	Mobile Generator 50 KVA With Flood Light Set	12
1	Nos.	1	100	Nos.	1			Generator 100KVA	11
0.5	Nos.	1	0.5	Nos.	1			Air Compressor (15 HP Cap.)	10
0.125	Nos.	2	0.25	Nos.				Vibrator (Large Shaft / Small Shaft)	9
0	Nos.		0.125	Nos.	4			Plate Compector & Frog Compector	8
0.375	Nos.	1	0.375	Nos.				Vibratory Roller 1Ton	7
0	Nos.		0.5	Nos.	ы	it Paver Tan	Rs, Aspna	Asphalt Paving Machinery & Rollers (PTRs, Asphalt Paver Tandem Roller etc.)	6
0.375	Nos.	1	0.375	Nos.	H			Tractor with Trolley	5
0.75	Nos.	2	0.75	Nos.	2			Dumper Truck	4
0	Nos.		0.25	Nos.	1			Bobcat Loader (Mini Loader)	3
0.75	Nos.	1	0.75	Nos.	1	3	ozer, Loed	Earth Moving Machinery (Grader, Bulkdozer, Loader)	2
0.5	Nos.	1	0.5	Nos.	-			Excavator (Showel / Back Hoe)	
Attained Marks T = M × (A / Required Quantity).	Unite	Available Qty. (A)	Marks	Unit	Š.			Description	*
M/s. Muhammad Hasni Builders.	Muhamm	M/s.			5	CAPABILIT	UIPMENT	Section: D) EQUIPMENT CAPABILITY.	

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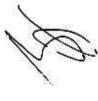
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TITION IN THE PARTY OF THE PART	3			M/a	Global Te	M/a. Global Technical Enterprizes
Sr. Description	ð.	E.	¥		ļ	Attained Marks
Excavator (Showel / Back Hoe)	T			OHY. (A)	Ş	T = M x [A / Require
Earth Moving Machinery (Grade Build	1	Nos.	0.5	1		Quantity).
Bobrat i nadar (Mini I	1	Nos			Nos.	0
Construction (Milli Copper)	1		0./3		Nos.	-
Dumper Truck	ŀ	Nos.	0.25	10	*	-
Tractor with Trolley	2	Nos.	0.75			
Asphalt Paulos ad.	1	No.			NOS.	٥
dem Roller etc.)			0.573		Nos.	0
Vibratory Roller 1Ton	1	No	05		Nos.	•
Plate Compactor & From Common		Nos.	275.0			•
Vibrator (Large Chad / C. H.C.	4	Nos	200		Nos.	0
Air Compressor (15 to Compressor)	4	3			Nos.	0
Canada association (apr)	-		0.0		Nos.	0
AAWAY Manager		100	0.5		Nos.	
Mode Generator 50 KVA With Flood Light Set	,	NOS.			Nos	
Concrete Mixer Machine	,-	Nos.	0.5			-
Steel cutting & Bending Machine	4	Nos.				۰
Shuttering (Formwork) 50000 So ft	2	Nos.	0.125			0
Scaffolding Pipe 40000 R.P.	-	Set	-		30	0
Thedolite / Total Station with State	12	Set	1	-	ž	0
Dewatering Pumps	1	ž	0125		ă	0
Affed Construction Tools & Plants	2	Sets	0.125	1	ă	0
Suzuki Van	5	Sets	25		Self	0
Total Marks	2	Nos.	0.25		Sec.	0
			10	1		







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	Section: D) EQUIPMENT CAPABILITY.	*			×	/a. Pakista	M/a. Pakistan Electric Works.
\$	Description	OH,	C .	Marks	Available Oty. (A)	Undt	Attained Marks T = M x (A / Required Quentity).
-	Excavator (Showel / Back Hoe)	1	Mos.	2.0	1	Nos	0.5
2	Earth Moving Machinery (Grader, Buildozer, Loader)		Nos.	0.75	_	Nos.	0.75
w	Bobcat Loader (Mini Loader)	1	Nos.	0.25		Nos.	0.25
-	Dumper Truck	2	Nos.	0.75		Nos.	0
UT.	Tractor with Trolley	-	Nos.	0.375	1	Nos	0.375
`	Asphalt Paving Machinery & Rollers (PTRs, Asphalt Paver Tan			3		Nos.	0
•	Contract of the Contract of th		1000	1			
'	Amamia wast 1100		MOS.	03/3		NOS.	0.375
00	Plate Compactor & Frog Compactor	4	Nos.	0.125	1	Nos.	0.03125
9	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25	1	Nos.	0.0825
10	Air Compressor (15 HP Cap.)		Nos.	0.5	0	Nos.	0
11	Generator 100KVA	1	Nos.		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
H	Steel cutting & Bending Machine.	2	Nos.	0.125	0	Nos.	0
15	Shuttering (Formwork) 50000 Sq.ft.	1	35		1	ž	-
16	Scaffolding Pipe 40000 R.ft.	1	Set	1	1	Set	-
17	Thedolite / Total Station with Staff etc.	1	Set	0.125	12	Set	0.125
18	Dewatering Pumps / ! / '	2	Sets	0.125	1	Sets	0.0825
19	Allied Construction Tools & Plants,	Ch.	Sets	0.5	0	Sets	0
20	Suzuki Van	2	Nos.	0.25	0	Nos.	0
	Total Marks			10 K	(1)		5.28

Compall value

De la company de

UPGRADATION OF THE HOSPITALS TO THE LEVEL OF DHE HOSPITALS IN SINDH

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	Attidavit on Stamp Paper of current date regarding non involvent in the illigation / arbitration.	2.00		NII	9 9	N	
6.b	Affidavition Stamp Paper of current date that the firm has never been blacklisted	2.00		(NI)	ū.	SIC	
			4.00		(≆		- 48
7	List of References						
7.a	Satisfactory performance certificate from Clients or Consultants	5:00		ME	¥.	NII	9
			5.00	3173	39		-
8	Construction Methodology						
Ва	Project Construction Methodology for performing the work	10.00		No	12	Ni	
			10.00		- 14		
9	Certification - Signature						
9.a	Seal and Sign the Technical / Post Qualification Documents	3.00		NI	ra .	~	3.00
			3.00		(€ 2)		3.00

Total Marks 100.00 27.70 33.15



UPGRADATION OF THE HOSPITALS TO THE LEVEL C. DHQ HOSPITALS IN SINDH "AT UMERKOT"

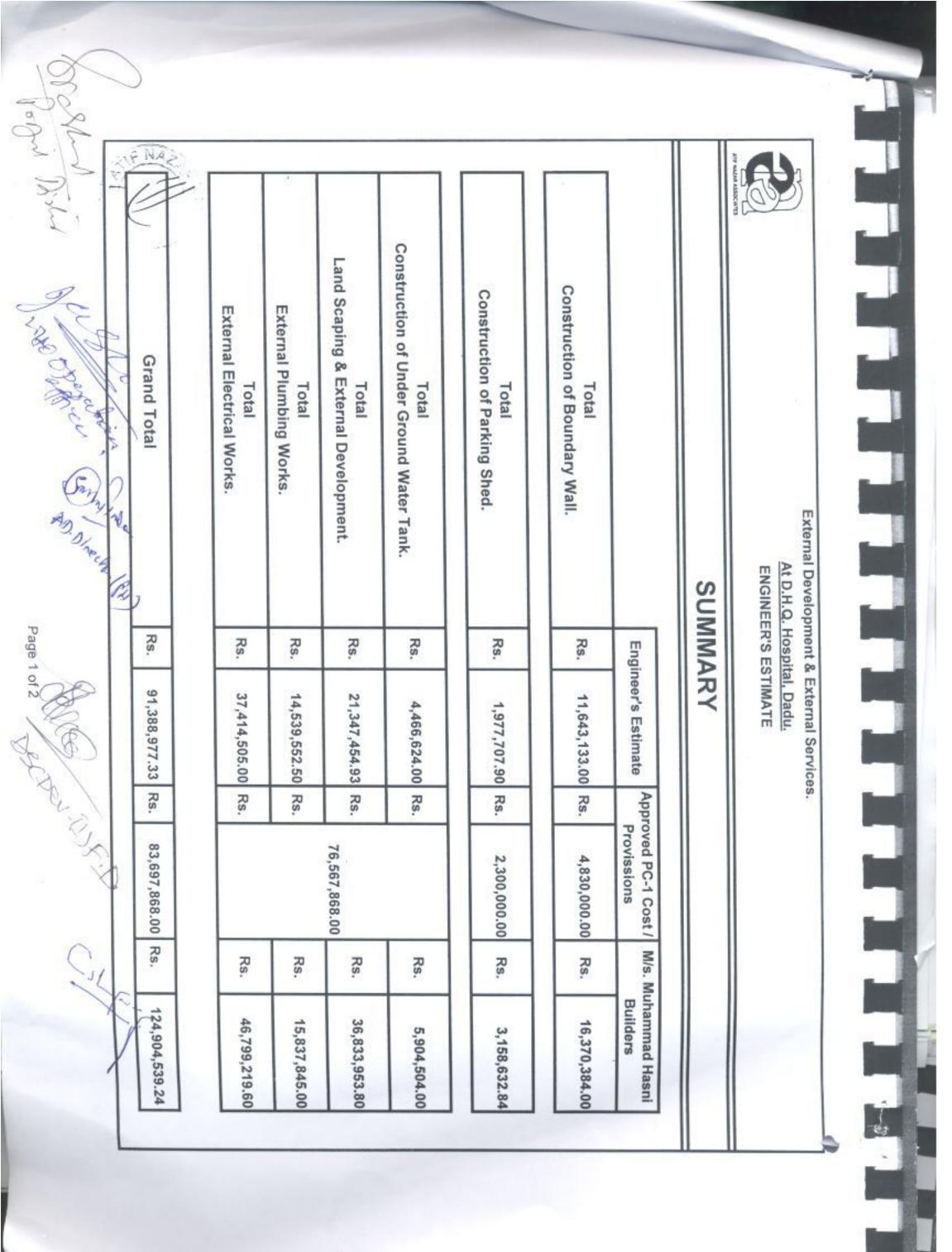
Assessment Report on Technical / Post Qualification Document

S. #	Technical / Post Qualification Parameters	Max. Marks Sub Total	Max. Total Marks	Ms. Ammar Enterprises	Marks Obtained	M/s. 'Hi-Tech Constructors	Marks Obtained
11	2	3	4	5		6	
9	Company's Information						
1.a	Full Name of the Company / Firm	0.59	T.N		0.50	1	0.50
1.b	Registered Office Address	0.50		~	0.50		0.50
1,6	Description of Company / Firm	0.50		Proprietorship	0.50		
1.d	Telephone Numbers	0.50		2	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	0.50		0.50
		5.00	Sec. ye	110 G v d.:ar.1003	0.25	No CV intached	0.25
2	Business Setup & Financial Data	-	3.00		2.75		2.75
2.a	Type of Business Organization (Corporation, Jont Venture						
2.0	Partnership etc.) If Joint Venture, Names of the Joint Venture Partners with name			Propretorship	- 150	Proprietorship	
1)	of Leading Partner	2.00		N/A		N/A	
ii)	If Partnership, Names of the Partners with position held by each Partner	3.00		5/4		N/A	
iii)	If Corporation, provide the Name and the Title of Principals (President, Vice President, etc.)	4.00					-3-
2.b	Cate Business Founded	1.00	-	N/A		N/A	2.2
2,c	Under Present Management since			1984	1.00		1.00
	Proof of Registration with Income Tex Perpartment (PTS) CERTICALE) supported by Income Tax returns along with Audit Report for the last three years	1.00		1984	1.00	1998	1.00
	2011 - 2012	1.00		*ax Return x	440	15	
	2010 - 2011	1.00			0.50	tu	
	2009 - 2010	1.00		Audi Report x	0.50	· · ·	1.00
2 е	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		Audit Report is Nov. 2012 Financial Worth x Credit Line x	0.50	Mar. 2011 Dreitt , me a	- 8
			12.00		2 50	1817	
3	Contractor's License Currently Valid		12.00		3.50		3.00
3.a	Valid Registration with Pakistan Engineering Council in required		_	C-2 (500 M)			
3320	Category for 2012 - 2013 (Mandatory requirement)	8.00		31-12-2012	8.00	38 (2000 M) 31-12-2012	8 00
			8.00		8.00		8.00
4	Performance Record						0.00
4.a	List of similar projects completed in last 5 Years (2008 - 2012) with completion cost (Form - 1)						
	(05 marks per project) List of Projects currently in progress (Form - 2)	25.00		No similar experience	8	No similar experience	
100	(50 msn., po pojeky)	10.00		81 M - 2 Non 114 M - 1 yo	6.00	× .	8.00
			35.00		6.00		
5	Organization				0.00		8.00
a	List of permanent Starf, full time (Technical & Administrative)	5.00		AL 210 Vinner	227200		
	Detail of Key Technical Staff their Qualification & Experience	3.00		15 Employees	3.20	17 Empkyeus	3.40
i.b	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 Nos BE (Electric) = max 12 marks			3-86 (C) 1-86 (E) 3-DAE (C)		3 - BE (C) 2 - DAE (C)	(Kara
-	04 Nos. DAE (Civil) = max. 04 marks	12.00		CV not stacked 11 x 25% = 2.75	2.75	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	i2	
3.4	S/ ~ 5 0 1 1 1 1 1		20.00	>	1,50	4	3.00

UPGRADAT: OF THO HOSPITALS TO THE LEVEL OF D. LHOSPITALS IN SINON "AT NAMBER"

Assessment Report on Technical / Post Qualification Document

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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
	M/s Pakistan	110.888		96.457	With in PC-1	Recommended
1	Electric Works	As per Calculation	Ist Lowest	Approved PC-1 Cost / Provisions	Cost / Provisions of 14.96%	for Award of Work
	M/s	153.872		96.457	11 PC 1 C - 1	
2	Muhammad Hasni Builders	As per Tender	2nd Lowest	Approved PC-1 Cost / Provisions	Above PC-1 Cost / Provisions	Responsive

Project Director DHQ/)HQ Hospitals in Sindh (Member)

Rep. of Special Secretary Finance Dept (Member)

W.H.O .Operation Officer (Member)

Director General Health Services Sindh

(Chairman)



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

SUMMARY

		Less Rebate 16,204,199.68	12.75% Rs.				if any 5%)	Rebate (+/-) if any (Minus 12.75%)
	Ш				1			
		•		12,000,000.00	Rs.	ncy(5.00 M)	Continge	Add Transformers / HT-LT Panels Provissions(7.00)/ Contingency(5.00 M)
153,872,292.69	Rs.	127,091,762.21	Rs.	84,456,868.00	Rs	91,198,149.70	Rs.	Grand Total
			-		1			
60,427,332.00	R. S.	51,526,539.54	Rs.		s,	38,950,295.00	Rs.	Total External Electrical Works.
21,950,226.00	Rs.	17,105,821.00	Rs.		S.	14,494,885.00	Rs.	Total External Plumbing Works.
47,780,451.25	S.	35,338,551.95	Rs.	76.636,868,00	Rs.	21,158,729.80	Rs.	Total Land Scaping & External Development.
4,770,955.00	S. S.	4,640,047.00	Rs.		Rs.	4,466,624.00	Rs.	Total Construction of Under Ground Water Tank.
5,488,036.44	s.	5,201,540.22	S.	2,300,000.00	Rs.	1,977,707.90	Rs.	Total Construction of Parking Shed.
13,455,292.00	S. S.	13,279,262.50	Rs.	5,520,000.00	Se Se	10,149,908.00	Rs.	Total Construction of Boundary Wall.
M/s Muhammad Hasni Builders	M/s M	M/s Pakistan Electric Works	M/s Pa	Approved PC-1 Cost / Provissions	Appro	Engineer's Estimate	Eng	



External Development & External Services.

At D.H.Q. Hospital, Mirpurkhas.

COMPARATIVE STATEMENT

SUMMARY

	Eng	Engineer's Estimate	Appr	Approved PC-1 Cost / Provissions	Mvs	wis Pakistan Electric Works	W/s	M/S Munammad nashi Builders
								*
Grand Total after Less Rebate	Rs.	91,198,149.70	Rs.	96,456,868.00	Rs. (110,887,562.53	Rs.	153,872,292.69
%age lower or Above than Engineers Estimate	Estimate				+	21.59	+	68.72
Position As per Approved Engineers Estimate	Estimate					Ist Lowest		2nd Lowest
%age lower or Above than PC-1 Cost. / Provissions.	rovissions	15			+	14.96	+	59.52
Position As per Approved PC-1 Cost. / Provissions.	rovissions					Ist Lowest		2nd Lowest



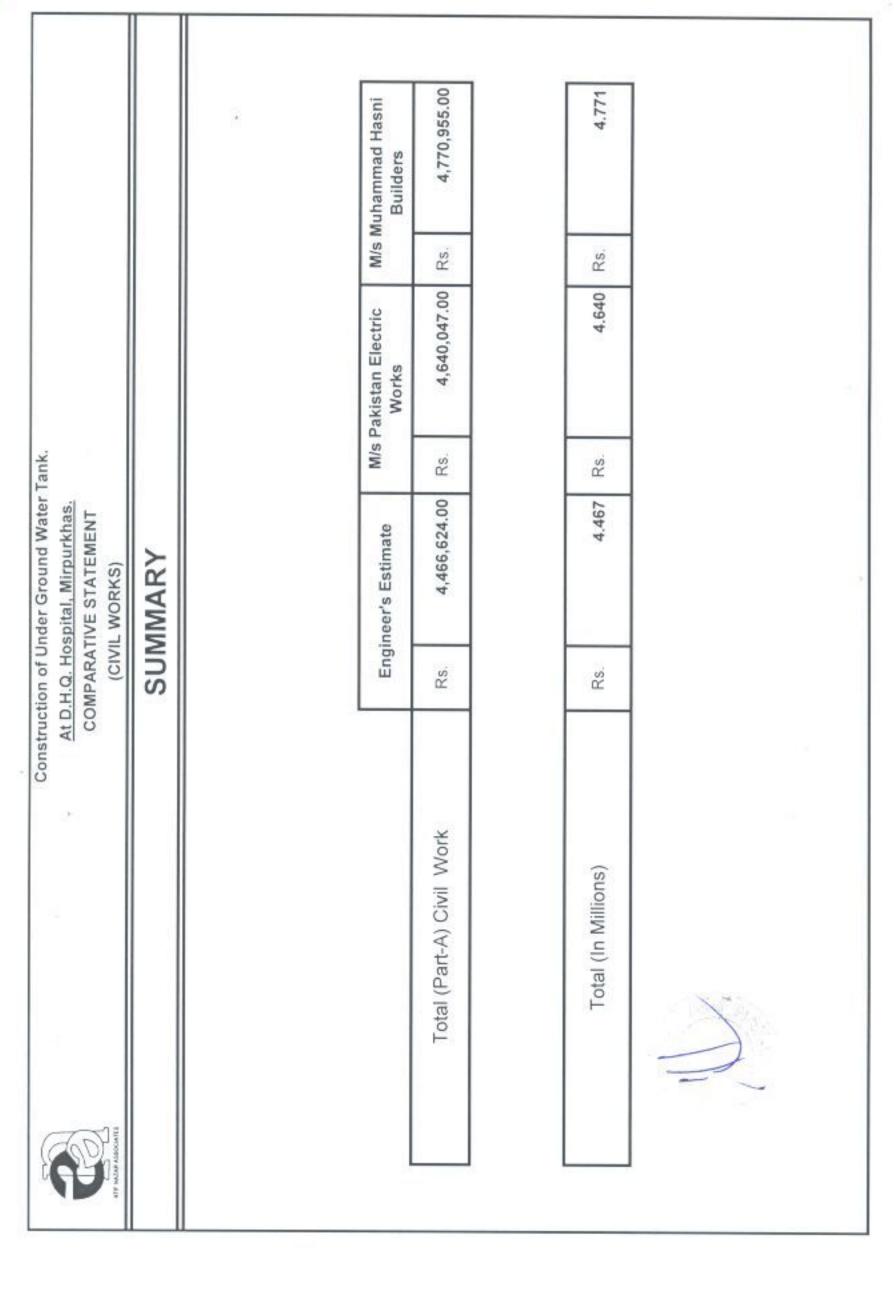
13.455 13,455,292.00 M/s Muhammad Hasni Builders Rs Rs. 13.279 13,279,262.50 M/s Pakistan Electric Works Rs. Rs 10,149,908.00 10.150 Construction of Boundary Wall.
At D.H.Q. Hospital, Mirpurkhas.
ENGINEER'S ESTIMATE Engineers Estimate SUMMARY Rs. Rs Total (Part-A) Civil Work Total (In Millions)

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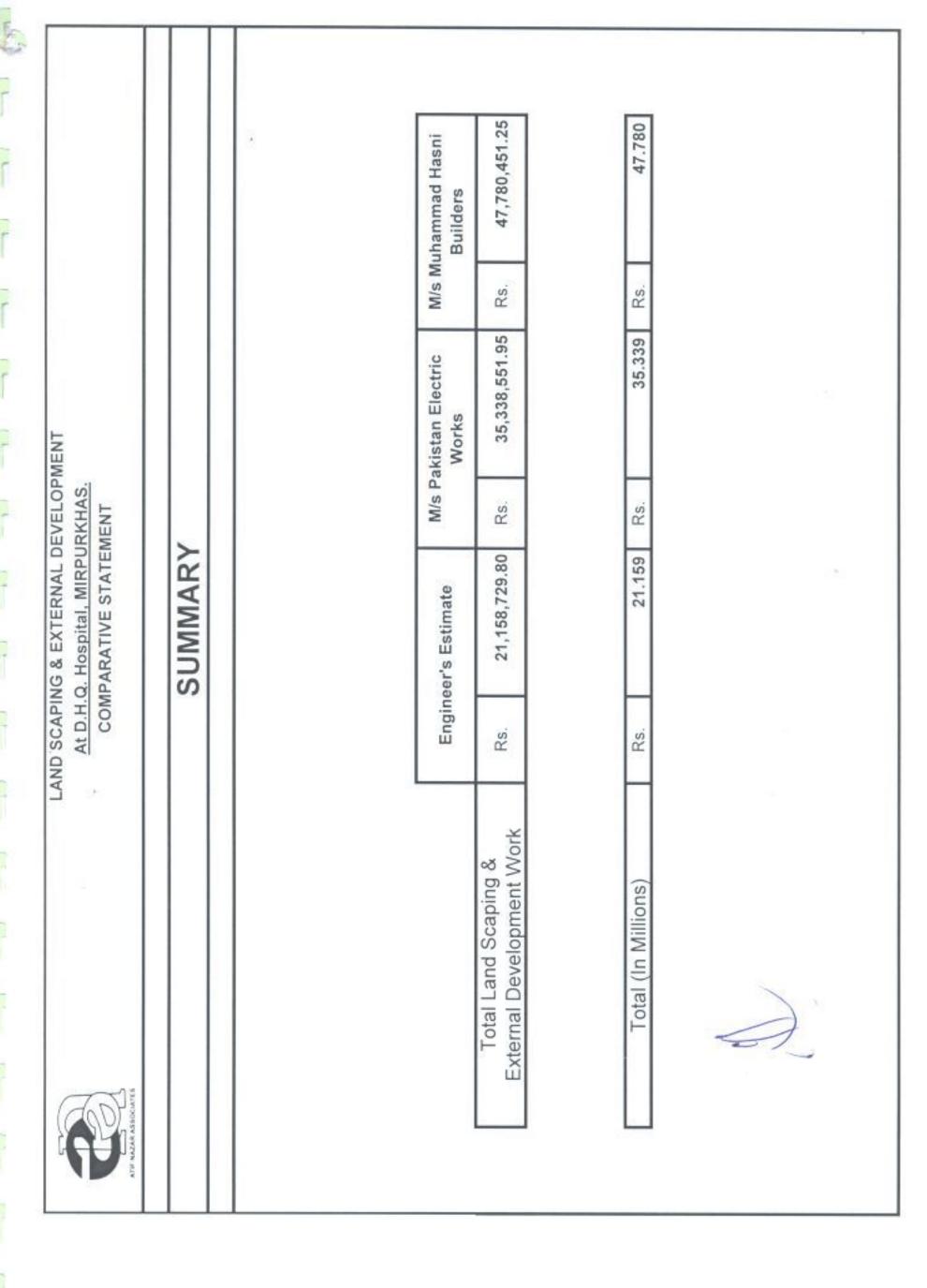
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ELECTRON AND AND AND AND AND AND AND AND AND AN	Constri At D.H.Q COMPA	Construction of Parking Shed. At D.H.Q. Hospital, Mirpurkhas. COMPARATIVE STATEMENT				
	S	SUMMARY				
						*
	ш	Engineers Estimate	M/s Pak	M/s Pakistan Electric Works	M/s Muha	M/s Muhammad Hasni Builders
Total (Part-A) Civil Work	Rs	1,977,707.90	Rs.	5,201,540.22	Rs.	5,488,036.44
Total (In Millions)	Rs.	1.978	Rs.	5.202	Rs.	5.488
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Es	Comp	Comparative Statement	nt	
Q	(EXTERNAL	AL PLUMBING WORKS)	ORKS)	
S.NO.	DESCRIPTION	Engineer's Estimate	M/s Pakistan Electric Works	M/s Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
A	WATER SUPPLY & IRRIGATION SYSTEM	2,996,505	2,846,036	2,965,306
В	SEWERAGE, SOAK PITS & SEPTIC TANK	8,164,880	9,830,450	13,507,660
O	STORM WATER DRAINAGE	2,133,500	3,029,335	3,177,260
	TOTAL	13,294,885	15,705,821	19,650,226
Q	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	ment	
0	(E)	(EXTERNAL ELECTRICAL WORKS)	L WORKS)	
S.NO.	DESCRIPTION	Engineer's Estimate	M/s Pakistan Electric Works	M/s Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)	AMOUNT (Rs.)
-	Electrical Power Distribution	16,488,544	22,370,527	25,597,968
2	Communication System	2,320,196	3,848,786	4,121,490
m	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
2	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 Jan 9 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: 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 Muhammad Hasni Builders	As per Calculation	Ist Lowest	95.698 Approved PC-I Cost / Provisions	With in PC-1 Cost / Provisions of 14.86%	Recommender for Award of Work

Project Director DHQ/THQ Hospitals in Sindh (Member)

(Member) / Representation

Rep. of Special Secretary Finance Dept (Member)

W.H.O. Operation Officer (Member)

Director General Health Services Sindh (Chairman)



External Development & External Services.

At D.H.Q. Hospital, Dadu.

ENGINEER'S ESTIMATE

SUMMARY

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



External Development & External Services.

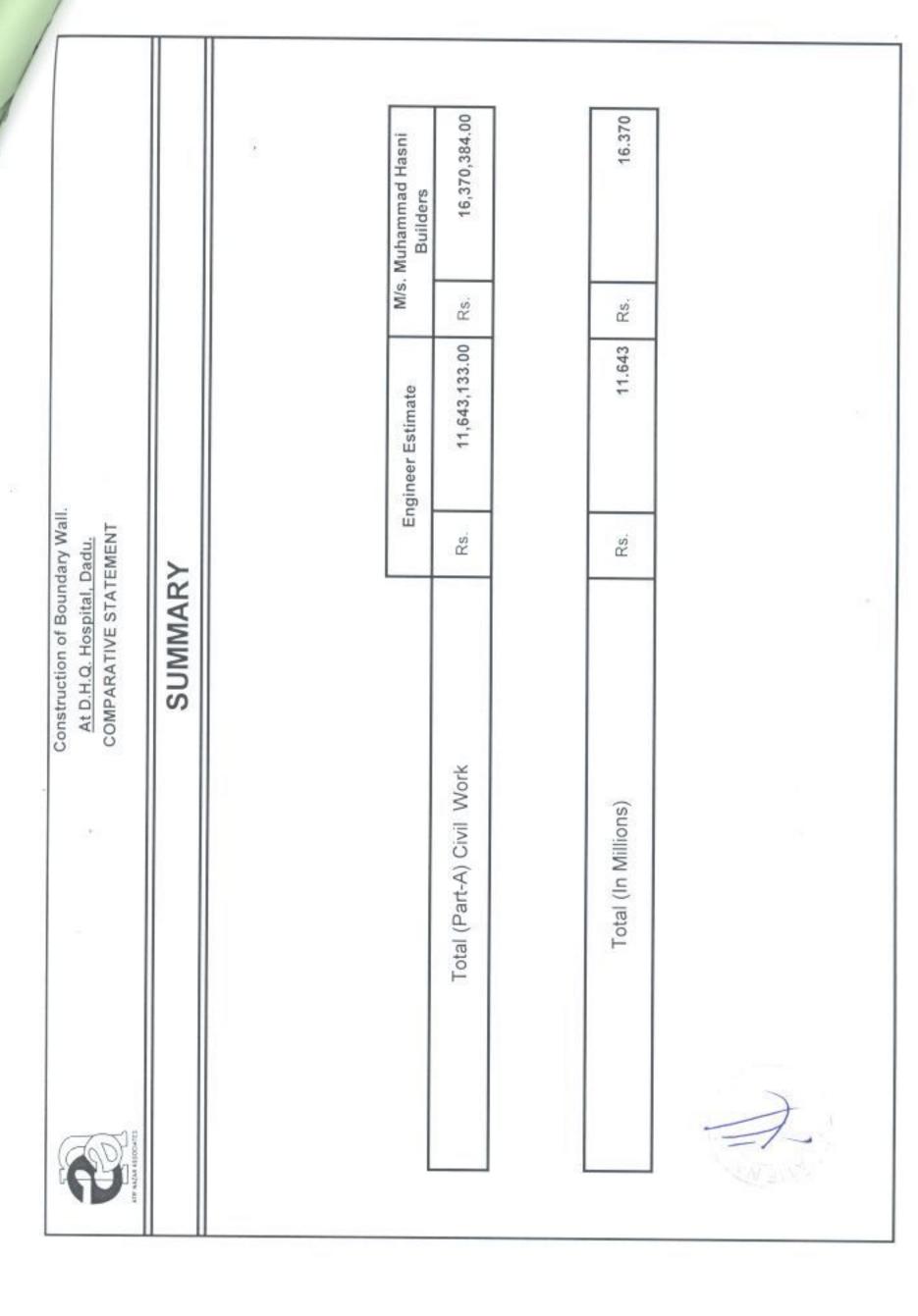
At D.H.Q. Hospital, Dadu.

ENGINEER'S ESTIMATE

SUMMARY

M/s. Muhammad Hasni Builders	3.53	6 Less Rebate	14,988,544.71	109 915 994 53		20.27	lst Lowest	14.86	lst Lowest
M/S.		12.00%	Rs.	ŭ	2	+		+	
Approved PC-1 Cost /	12,000,000.00			95 697 868 00	poropot rootos				
Appro	Rs.			Re	KS.				
Engineer's Estimate			1	91 388 977 33	on trainment of				
Engin		>	\	Re		ate	ate	ions.	ons.
	Add Transformers / HT-LT Panels Provissions(7.00M)/ Contingency(5.00 M)	Rebate (+/-) if any	(Minus 12%)	Grand Total after I ess Rebate		%age lower or Above than Engineers Estimate	Position As per Approved Engineers Estimat	%age lower or Above than PC-1 Cost. / Provisions.	Position As per Approved PC-1 Cost / Provisio

Page 2 of 2



5.905 5,904,504.00 M/s. Muhammad Hasni Builders Rs. S. 4,466,624.00 4.467 Engineer's Estimate Construction of Under Ground Water Tank. At D.H.Q. Hospital, Dadu. COMPARATIVE STATEMENT SUMMARY (CIVIL WORKS) Rs. Rs. Total (Part-A) Civil Work Total (In Millions)

		M/s. Muhammad Hasni Builders 36,833,953.80	36.834	
		M/s. N	Rs.	
GRNAL DEVELOPMENT Hospital, DADU. ER'S ESTIMATE	¥	eer's Estimate 24,162,450.82	24.162	
40spital, DADU Aeri's ESTIMATE	SUMMARY	Engineer's Rs.	Rs.	
3/3/		Total Land Scaping & External Development Work	Total (In Millions)	
S Days MGA		Total Lar External Dev	Total (I	y:
P12 8efe NIT be				

Summary

S	COMPARATI	COMPARATIVE STATEMENT	
Q	(EXTERNAL PL	(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
В	SEWERAGE, SOAK PITS & SEPTIC TANK	7,786,900	8,680,800
O	STORM WATER DRAINAGE	2,539,300	1,843,445
	TOTAL	13,339,553	14,337,845
Q	WATER FILTRATION PLANT	1,200,000	1,500,000
	GRAND TOTAL	14 539 553	15 837 845



Comparative Statement
EXTERNAL ELECTRICAL WORKS
DHQ DADU HOSPITAL
SUMMARY

5

	Compara	Comparative Statement	
0	(EXTERNAL E	(EXTERNAL ELECTRICAL WORKS)	
S.NO.	DESCRIPTION	Engineer's Estimate	M/s. Muhammad Hasni Builders
		AMOUNT (Rs.)	AMOUNT (Rs.)
-	Electrical Power Distribution	17,032,760	19,727,210
2	Communication System	1,283,408	1,913,678
8	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
22	Generator	8,225,000	11,900,000
	G.Total	37,414,505	46,799,220

