



**OFFICE OF THE PROJECT DIRECTOR
SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and Ancillary
Services Complex at Civil Hospital Karachi**

NO: PD/AEC&ASC/CHK/2012/2007

DATED: JUNE, 05-2012

✓ The Director (Administration & Finance),
Sindh Public Procurement Regulatory Authority

**SUBJECT: TENDERS FOR THE WORKS RELATED TO THE PROJECT
SHAHEED MOHTARMA BENAZIR BHUTTO ACCIDENT,
EMERGENCY & TRAUMA CENTRE AND ANCILLARY SERVICES
COMPLEX AT CIVIL HOSPITAL KARACHI**

- The Tenders for the following works were called through Newspaper in Dawn, Ummat alongwith SPPRA website (Copies enclosed):-
 1. Supply, Installation, Testing, Commissioning and Maintenance (during warranty period) of **BED-CUM-PASSENGER ELEVATORS** at "Shaheed Mohatarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi"
- The Tenders were opened on 17-05-2012 (Technical Proposal) and the Financial Proposal of qualified bidders were opened on 04-06-2012. (Technical & Financial Reports alongwith comparison of Technical Specification and Initial Evaluation Report (as per given criteria) duly signed by Committee members are enclosed).
- Bid Evaluation Report is also enclosed.
- All above documents may please be placed on the website of SPPRA as per rules so that further action is taken.
- *CD of above documents is also enclosed.*


PROJECT DIRECTOR

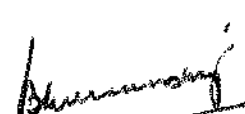
Copy to:


1. Medical Superintendent – Civil Hospital Karachi.
2. Additional Medical Superintendent (General) – Civil Hospital Karachi, with the request to place these documents on the website of Civil Hospital Karachi.

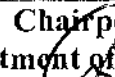
BID EVALUATION REPORT

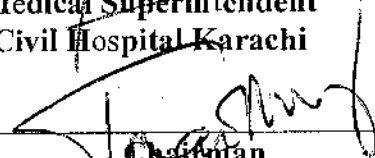
1. Name of Procuring Agency: **Civil Hospital – Health Department**
 2. Tender Reference No: **PD-Trauma Centre-CHK 002 (Rev)**
 3. Tender Description / Name of Work/item: **Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of Bed-cum-Passenger Elevators Shaheed Mohatarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi**
 4. Method of Procurement: **Single Stage – Two Envelope**
 5. Tender Published: **Dawn – Ummat – SPPRA Website**
 6. Total Bid documents Sold: **Seven**
 7. Total Bids Received: **Four**
 8. Technical Bid Opening date: (if applicable) **17-05-2012**
 9. No. of Bid technically qualified (if applicable): **Three**
 10. Bid(s) Rejected: **Nil**
 11. Financial Bid Opening date: **04-06-2012**
 12. Bid Evaluation Report:

| S.No. | Name of Firm or Bidder | Cost offered by the Bidder | Ranking in terms of cost | Comparison with Estimated cost | Reasons for acceptances | Remarks | |
|-------|--|----------------------------|--------------------------|--------------------------------|-------------------------|---------|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| 1. | M/S Islamabad Industrial & Trading Corporation | 144854714/= | Lowest | PC-1 Cost 230.000 M | Lowest | | |
| 2. | M/S Jeewajee (Pvt.) Ltd. | NOT OPENED | | | | | Not considered due to one hour late submission of tender (Technical Proposal) on 17-05-2012 |
| 3. | M/S Emfore Corporation | 281430786/= | | | | | |
| 4. | M/S ZIAFCO Engineers & Contractors | 149000000/= | | | | | |



Medical Superintendent
Civil Hospital Karachi


Chairperson
Department of Cardiology


Chairperson
Department of Anaesthesia

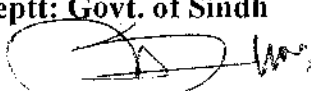

Chairman
Department of Neurosurgery


Project Director


Director (Development),
Health Deptt: Govt. of Sindh

Deputy Director (Development),
Health Deptt: Govt. of Sindh

Divisional Accounts Officer
A.G. Sindh Office


Accounts Officer
Civil Hospital Karachi

FINANCIAL OPENING REPORT

The financial bids were opened on 04-05-2012 at 12:00 AM, following Members of the Committee participated in the Tender Opening:-

1. Dr. Shakeel Mallick – Medical Superintendent – Civil Hospital Karachi (Chairman)
(As Medical Superintendent – Civil Hospital Karachi was busy in some meeting)
2. Dr. Amin Suleman represented Chairperson, Department of Anaesthesia
Dow University of Health Sciences (Member)
3. Dr. Atiq represented Chairman, Department of Neurosurgery
Dow University of Health Sciences (Member)
4. Project Director (Member)
5. Divisional Accounts Officer – A.G. Sindh Office (Member)
6. Accounts Officer – Civil Hospital Karachi (Member)

• Representative of following also attended:-

1. M/S Islamabad Industrial & Trading Corporation
2. M/S Jeewajec (Pvt.) Ltd.
3. M/S Emfore Corporation
4. M/S ZIAFCO Engineers & Contractors

• The position after opening was as under:-

- | | | |
|---|--|-------------------|
| 1. M/S ZIAFCO Engineers & Contractors | (Korean Origin) | Rs. 149,000,000/= |
| | (Chinese Origin) | Rs. 111,000,000/= |
| 2. M/S Jeewajec (Pvt.) Ltd. | NOT ----- OPENED | |
| 3. M/S Emfore Corporation | OTIS –USA Origin (To be Shipped from France) | Rs. 281,430,786/= |
| | (Chinese Origin) | Rs. 188,916,786/= |
| 4. M/S Islamabad Industrial & Trading Corporation | (Korean Origin) | Rs. 144,854,714/= |
| | (Chinese Origin) | Rs. 119,527,723/= |

- M/S Islamabad Industrial & Trading Corporation have stood lowest while quoting Rs. 144,854,714 with Korean Origin Elevators.
- M/S ZIAFCO Engineers & Contractors have quoted lowest prices in Chinese Origin but as we did not mention, in Tender Document, for supply of Elevators of Chinese Origin, so it is irrelevant.
- M/S Emfore Corporation, who as per the Technical Proposal had offered OTIS – USA but in the Financial Proposal they have mentioned that they will ship the Elevators form France. It may also be mentioned that in the Technical Proposal they have not attached the Technical Specification of the offered Elevators. Moreover they have not also mentioned the projects in Pakistan where they have installed or are maintaining or maintained such Elevators.

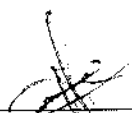
A letter vide no. PD/AEC&ASC/CHK/2012/1981 dated 29-05-2012 was issued to them to intimate for the same but they failed to do so vide their letter no. nil dated 31-05-2012.

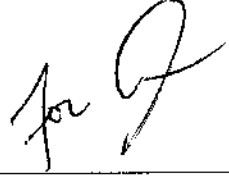
In view of above they were technically not qualified for OTIS – USA Elevators and were qualified for only Chinese Elevators, the details of which they have provided in Technical Proposal.


• **CONCLUSION & RECOMMENDATION:-**

- Finally M/S Islamabad Industrial & Trading Corporation who stood lowest by quoting Rs. 144,854,714/= for Elevators of South Korean Origin are recommended for award of work.


Medical Superintendent
Civil Hospital Karachi


Chairperson
Department of Cardiology


Chairperson
Department of Anaesthesia



Chairman
Department of Neurosurgery


Project Director

Director (Development),
Health Deptt: Govt. of Sindh

Deputy Director (Development),
Health Deptt: Govt. of Sindh

Divisional Accounts Officer
A.G. Sindh Office


Accounts Officer
Civil Hospital Karachi

TECHNICAL EVALUATION REPORT

Name of Work: “Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of Bed-cum-Passenger Elevators” at “Shaheed Mohtarma Benazair Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi”

- The tenders for the above work were called through press and appeared in daily “Dawn” and “Ummat” dated 26-04-2012 (Copies enclosed A & B).
- The advertisement also appeared on SPPRA website with ID 7858 at serial 12243 (Copy enclosed C).
- In response of above following seven prospective bidders purchased Tender Documents till closing date:-
 1. M/S Standard Services
 2. M/S Jeewajee (Pvt.) Ltd.
 3. M/S Islamabad Industrial & Trading Corporation
 4. M/S ZIAFCO Engineers & Contractors
 5. M/S Emfore Corporation
 6. M/S The Global Traders
 7. M/S Wadood Engineering Services
- A Pre-bid Meeting for the above work was held as per schedule i.e. on 14-05-2012 and in response to above meeting an Addendum was issued as a result of discussions with regard to Specifications and other related items.
- The Technical Proposals were opened on 17-05-2012 as per schedule, and only four Bidders participated as per the following:-
 1. M/S Islamabad Industrial & Trading Corporation.
 2. M/S ZIAFCO Engineers & Contractors
 3. M/S Emfore Corporation
 4. M/S Jeewajee (Pvt.) Ltd.
- M/S Jeewajee (Pvt.) Ltd. arrived more than one hour late on 17-05-2012 when Technical Proposal were opened so they were not considered for opening of Financial Proposal.
- M/S ZIAFCO Engineers & Contractors vide their letter no. Ref: ZEC:CHTC:1805/2012-11125 dated 18-05-2012 (Copy enclosed at “D”) have also pointed out through a letter regarding late arrival of M/S Jeewajee (Pvt.) Ltd.

- **INITIAL EVALUATION**

- The Initial Evaluation was carried out in the light of **Evaluation Criteria** already existing in Tender Documents on page 8 & 9 (Copies enclosed "E" & "F" along with comparison of Technical Specifications copy enclosed at "G").

- **M/S ZIAFCO ENGINEERS & CONTRACTORS**

- M/S ZIAFCO Engineers & Contractors obtained 90 marks against required 70 marks, out of total 100 marks. The Technical Specifications are also matching with given specifications of Tender Documents.
- **So they stand qualified.**

- **M/S ISLAMABAD INDUSTRIAL & TRADING CORPORATION**

- M/S Islamabad Industrial & Trading Corporation obtained 100 marks against required 70 marks, out of total 100 marks (Copy at "H"). The Technical Specifications are also matching with given specifications of Tender Documents.
- **So they also stand qualified.**

- **M/S EMFORE CORPORATION**

- These Bidders have not submitted Technical Specifications of the Elevators they intend supply. Besides that they have mentioned Elevators, installed or maintaining of Chinese Origin only.
- So letter no. PD/AEC&ASC/CHK/2012/1981 dated 29-05-2012 (Copy enclosed at "I") was issued by Project Director to clarify that above points alongwith Dealership Certificate that M/S Emfore Corporation are sole distributors of OTIS – USA in Pakistan.
- M/S Emfore Corporation have replied vide no. nil dated 31-05-2012 (Copy at "J") and replied regarding the Dealership Certificate which is acceptable. But they have not replied regarding (a) Specifications of offered lift i.e. OTIS – USA (b) Elevators installed OTIS – USA origin in Pakistan (c) details of maintaining OTIS – USA Elevators in Pakistan.

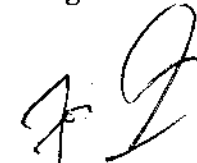
- In view of above M/S Emfore Corporation are qualified for installation of Elevators of Chinese Origin, the details of which they have provided in the Technical Proposals.

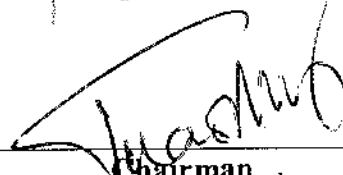
EVALUATION OF TECHNICAL PROPOSAL

- The Technical Specifications of both participants i.e. **M/S Islamabad Industrial & Trading Corporation** and **M/S ZIAFCO Engineers & Contractors** were compared to Technical Specifications in Tender Document (Copy at G). (Technical Specification were not prepared by M/S Emfore Corporation)
- The Technical Specification of **M/S Islamabad Industrial & Trading Corporation** and **M/S ZIAFCO Engineers & Contractors** were found to be in line with the same as given in the Tender Documents and they have offered Elevators from Korean.
- So both are qualified to supply Elevators of South Korean Origin.

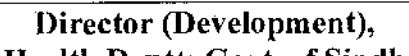

 Medical Superintendent
 Civil Hospital Karachi

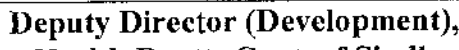

 Chairperson
 Department of Cardiology

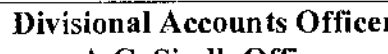

 Chairperson
 Department of Anaesthesia

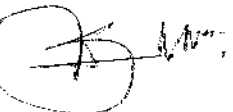

 Chairman
 Department of Neurosurgery


 Project Director


 Director (Development),
 Health Deptt: Govt. of Sindh


 Deputy Director (Development),
 Health Deptt: Govt. of Sindh


 Divisional Accounts Officer
 A.G. Sindh Office


 Accounts Officer
 Civil Hospital Karachi

SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and
Ancillary Services Complex at Civil Hospital, Karachi

TENDER NOTICE

Civil Hospital Karachi invites sealed bids on **Single-Stage – Two-Envelope** procedure as per Sindh Public Procurement Regulatory Authority Rules from the Manufacturers / Importers / Sole Agents / Contractors for the following works in Civil Hospital, Karachi.

A. MEDICAL EQUIPMENTS

| S. No. | Name of Work | Bidding Document Cost (Rs.) | Earnest Money/ Tender Security | Tender Purchasing Date on or before | Date of Opening | Time of Completion of Works | Pre-Bid Meeting Date |
|--------|--|-----------------------------|--------------------------------|-------------------------------------|-----------------|-----------------------------|----------------------|
| 1. | Supply, installation, Testing, Commissioning and Maintenance (during warranty period) of C.S.S.D. SYSTEM at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 2. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL FLUOROSCOPY SYSTEM at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 3. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of MORTUARY at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil, Hospital Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 4. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL ULTRASONIC at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 5. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL X-RAY (TRAUMA) at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |

B. MACHINERY

| S. No. | Name of Work | Bidding Document Cost (Rs.) | Earnest Money/ Tender Security | Tender Purchasing Date on or before | Date of Opening | Time of Completion of Works | Pre-Bid Meeting Date |
|--------|--|-----------------------------|--------------------------------|-------------------------------------|-----------------|-----------------------------|----------------------|
| 6. | Supply, installation, Testing, Commissioning & Maintenance (during maintenance period) of GAS & DIESEL GENERATING SETS at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 7. | Supply, installation, Testing, Commissioning & Maintenance (during maintenance period) of ELEVATORS at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |

- A complete set of Tender Documents containing BOQ, Specifications and Terms & Conditions can be purchased from the Office of the Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi through Pay Order of Rs. 5000/- in favour of Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi on submission of application along with copy of NTN Certificate.
- The bid must be delivered on the respective dates by 11:00 a.m. in the Board Room of the Administration Block of Civil Hospital, Karachi, situated on second floor.
- These bids will be opened publicly at 12:00 noon on the same day in the presence of bidders or their authorized representatives who choose to attend at the place of submission.
- Technical and Financial proposals should be submitted in separate envelopes and both should be sealed in third envelope.
- All quotations shall include Government Taxes (if applicable) and these will be deducted from the bills, according to Government Rules.
- Bid Security @ 2% of total value of the quoted items by firms in shape of Pay Order / Demand Draft must be attached with "Financial Bid" in favour of the Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi.
- In case of announcement of public holiday or any unfavourable circumstances, the tenders / bids will be opened on the next working day.

MEDICAL SUPERINTENDENT
CIVIL HOSPITAL, KARACHI

INF-KRY: 1810/12

DANN
26-04-2012

شہید محترمہ بے نظیر بھٹو

ایکسیڈنٹ، ایمرجنسی و ٹران اسپینٹر اینڈ اینسلیری سروسز

کمپلیکس سول اسپتال کراچی

ٹینڈر نوٹس

سول اسپتال کراچی کو مشکل آنے کو اپوزیٹو لیب کی بنیاد پر زر قواعد SPPRA کی بنیاد پر سروسز اور آمد کنندگان / عملہ اور دیگر سروسز سے سول اسپتال کراچی میں درج ذیل کاموں کے سلسلے میں سروسز ٹینڈر طلب ہیں۔

(الف) سب سے بڑی آلات:

| | | | | | | |
|------|--------------|-----------|------------|--------------|-------|---------|
| نمبر | کاموں کے نام | بولی کی | ذریعہ | تاریخ کفایتی | مست | نقل اور |
| نمبر | کاموں کے نام | دستاویزات | ٹینڈر نمبر | تاریخ پیمانہ | تعمیل | سیٹنگ |
| | | کی لاگت | | | | |

| 1 | 14-5-2012ء | 17-5-2012 | 11-5-2012 | 2% of Bid | 5000/= | توسلے، تحصیل اور |
|--------|------------|-----------|-----------|-----------|--------|------------------|
| Amount | | | | | | |
| 1 | 14-5-2012ء | 17-5-2012 | 11-5-2012 | 2% of Bid | 5000/= | توسلے، تحصیل اور |
| 2 | 14-5-2012ء | 17-5-2012 | 11-5-2012 | 2% of Bid | 5000/= | توسلے، تحصیل اور |
| 3 | 14-5-2012ء | 17-5-2012 | 11-5-2012 | 2% of Bid | 5000/= | توسلے، تحصیل اور |
| 4 | 14-5-2012ء | 17-5-2012 | 11-5-2012 | 2% of Bid | 5000/= | توسلے، تحصیل اور |

5

14-5-2012ء، 16 17-5-2012 11-5-2012 2% of Bid 5000/=

توسلے، تحصیل اور

Amount

جاغ، کوشنگ اور

مینیٹن (دوران)

عت دارتی)

برائے ڈیکٹل

ایکڑے (لڑا)

سسٹم

مشینہ "شہید محترمہ بے نظیر بھٹو"

ایکسیڈنٹ،

ایمرجنسی و ٹران اسپینٹر

ایڈ پشیلری

سروسز کمپلیکس سول

اسپتال کراچی"

(ب) مشینری

6

14-5-2012ء، 16 17-5-2012 11-5-2012 2% of Bid 5000/=

توسلے، تحصیل اور

Amount

جاغ، کوشنگ اور

مینیٹن (دوران)

عت دارتی)

برائے گیس و

ڈیزل جنریٹنگ

سیٹ

مشینہ "شہید محترمہ بے نظیر بھٹو"

ایکسیڈنٹ،

ایمرجنسی و ٹران اسپینٹر

ایڈ پشیلری

سروسز کمپلیکس سول

اسپتال کراچی"

7

14-5-2012ء، 16 17-5-2012 11-5-2012 2% of Bid 5000/=

توسلے، تحصیل اور

Amount

جاغ، کوشنگ اور

مینیٹن (دوران)

عت دارتی)

برائے ایلیٹرز

سسٹم

مشینہ "شہید محترمہ بے نظیر بھٹو"

ایکسیڈنٹ،

ایمرجنسی و ٹران اسپینٹر

ایڈ پشیلری

سروسز کمپلیکس سول

اسپتال کراچی"

1- ٹینڈر دستاویزات کا مکمل سیٹ بعد ہی او کیہ، تفصیلات اور شرائط وضو ایڈ رتیز پر چیکٹ ڈائریکٹر شہید محترمہ بے نظیر بھٹو ایکسیڈنٹ، ایمرجنسی و ٹران اسپینٹر اور پشیلری سروسز کمپلیکس سول اسپتال کراچی سے بھوس پے آرڈر مبلغ 5000 روپے تک پر چیکٹ ڈائریکٹر شہید محترمہ بے نظیر بھٹو ایکسیڈنٹ، ایمرجنسی و ٹران اسپینٹر اور پشیلری سروسز کمپلیکس سول اسپتال کراچی بعد درخواست اور این بی این سرٹیفیکٹ کی نقل حاصل کیا جاسکتا ہے۔

2- بولی کی دستاویزات متعلقہ تاریخوں پر صبح 11 بجے تک پورڈوم ایڈ منسٹریشن بڈاک سول اسپتال کراچی واقع دوسری منزل میں جمع کرادی جائیں۔

3- بولیاں سرعام دوپہر 12 بجے ای دن بولی دہندگان یا ان کے نامزد نمائندگان جو بھی اس وقت موجود رہنے کے خواہشمند ہوں کو ملی جائیں گی۔

4- ٹیکنگل اور فائل بولیاں بھردہ و مقررہ وقتوں میں بند کر کے ایک تیسرے لفافے میں ہمہ پھری جائیں گی۔

5- کوئی ٹینڈر بر (اگر ضروری ہو) حکومتی ٹیکسوں کا اطلاق ہوگا اور ان ٹیکسوں کی حکومتی قواعد کے مطابق بولی سے کٹوتی کی جائے گی۔

6- بولی کی ضمانت 2 فیصد بنیاد کل لاگت برائے کونٹرا ایشیا بصورت بے آرڈر ڈیمانڈ ڈرافٹ بحق پرو چیکٹ ڈائریکٹر شہید محترمہ بھٹو ایکسیڈنٹ، ایمرجنسی و ٹران اسپینٹر ایڈ پشیلری سروسز کمپلیکس سول اسپتال کراچی فائل بولیوں کے ساتھ منسلک کی جائے۔

7- ٹینڈر رٹائننگ کی دن حکومت کی جانب سے عام تعطیل کا اعلان کر دیا جائے یا کسی ریٹائرنگ کے باعث تمام تعطیل کے باوجود دوسرے دن بھی کام کے اگلے دن ٹینڈر رکھنے لے جائیں گے۔

میڈیکل سپرنٹنڈنٹ

سول اسپتال

کراچی

INF/KRY/1810/12

ٹرینڈرنگ مست ہے، تصدیق 11 سے اور مقامی مقامات پر ان امور کو مکمل طور پر کراچی ٹینڈر 2002 کے تحت فراہم کیا گیا ہے۔

26/4/2012



Sindh Public Procurement Regulatory Authority
Government of Sindh

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|-------|------------------------|--|----------|-------------|---------------|-------------|-------------|--|
| 12243 | Y658 SPPRA ID WITHHELD | CMI Hospital Sheheed Muhammads Senzki Shuto AETCAS Complex of CMI Hospital Karachi | | 23 Apr 2012 | 23 Apr 2012 | 17 May 2012 | | Infirmities conveyed compliance required |

19 Users Online
11-Apr-12 Update

Policy Letter
Added 08 Feb
2012

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- Sindh Public Procurement Act 2009
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REF:ZEC:CHTC:1805/2012-11125

May 18, 2012

Office of the Project Director,
Shaheed Mohtarma Benazir Bhutto,
Accident, Emergency & Trauma Centre and
Ancillary Services Complex,
Civil Hospital,
Karachi.

SUB: Tender opening for Supply, Installation & Maintenance of elevators
Of Bed cum Passenger elevators for the project Shaheed Mohtarma
Benazir Bhutto Accident, Emergency & Trauma Centre and
Ancillary Services Complex at Civil Hospital, Karachi.

Dear Sir,

Reference ms made to above mentioned subject.

-The opening of the tender of elevators for the above said subject was due on
17-5-2012 at 11.00 hrs.

- At the time of opening at 11.00 hrs the Representatives of 3 bidders were present at
the time and had submitted their bids to the authorities. The names of the bidders are as
follows:

1. M/s. Islamabad Industrial & Trading Corporation.
2. M/s. Ziafco Engineers & Contractors.
3. M/s. Emfore Corporation.

The fourth bidder M/s. Gieewaji (Pvt.) Ltd entered the hall at about 12.00 hrs.

By that time the process of the opening of tender was already carried out.

As a rule after the opening of bids any new bidder cannot be welcomed and we object
for accepting his bid.

Again as a rule his financial bid should not be opened and considered.

Invo. no 386 dated 18/5/2012 at 5:15 PM

Head Office: Ziafco House, 96-C 4th floor, 11th Commercial Street, Phase II, (Ext.) DHA, Karachi.
Tel No. 021-35313986 - 88, 021-35313743, Fax : 021-35313727.

Branch Office: 1. Room No. 5,3rd Floor, Majahid Plaza Blue Area, Islamabad-Pakistan. Tel : (0092-51) 2822420
2. Room Nos. 11,12,5th Floor, Davis Hytes, Davis Road, Lahore-Pakistan. Tel: (009242) 6317341



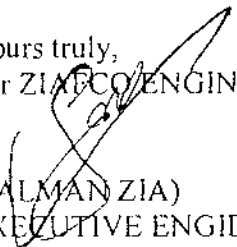
SIGMA
by **OTIS**, Korea

ZIAFCO
ENGINEERS & CONTRACTORS

We request you to look into this matter and do the needful,

Thanking you,

Yours truly,
For ZIAFCO ENGINEERS & CONTRACTORS


(SALMAN ZIA)
EXECUTIVE ENGINEER

CC; Medical Superintendent, Civil Hospital, Karachi

Head Office: Ziafco House, 96-C 4th floor, 11th Commercial Street, Phase II, (Ext.) DHA, Karachi.
Tel No. 021-35313986 - 88, 021-35313743, Fax : 021-35313727.

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2. Room Nos. 11,12,5th Floor, Davis Hynes, Davis Road, Lahore-Pakistan. Tel: (009242) 6317341

ESSENTIAL REQUIREMENTS

All the applicants shall fulfill following mandatory requirement:

1. Registration with Pakistan Engineering Council in min. Category C-5 and field of specialization ME-03.
2. Applicant should have authorized sole distributor / dealership / agency holder certificate from the manufacturer of offered lifts as per the following options:-

a. Option One

- Western Europe or Japan Origin or equivalent

b. Option Two

- Korean or Thailand Origin or equivalent.

(Applicants can quote accordingly and the Selection of Option will be made by the Competent Authority)

NOTE:

- Applicants meeting the ESSENTIAL REQUIREMENTS as per above shall be considered for Post-Qualification. No compromise will be made and any applicant not meeting above basic requirements will be disqualified, in the first instance without going into details of other factors.

EVALUATION CRITERIA

| S.No. | Details | Max. Marks |
|-------|--|------------|
| 1. | <u>Establishment of Firm since – alongwith address</u> More than ten years minimum (As per attached performa "A") | 05 |
| 2. | <u>Elevators installed during last five years</u> (One mark each Elevator) (As per attached performa "B") | 25 |
| 3. | <u>Work of Elevators in hand</u> (One mark each Elevator) (As per attached performa "C") | 25 |
| 4. | <u>Work of maintenance of Elevators</u> <u>During last five years</u> (One mark for each 02 Elevator) (As per attached performa "D") | 20 |

- | | | |
|----|--|----|
| 5. | <u>Man Power Requirement</u> | 05 |
| | (i) Project Manager (MBA) | 2 |
| | (ii) Installation Site Supervisor (Degree) | 1 |
| | (iii) Installation Site Supervisors (DAE) (2 Nos) | 2 |
| | (Proof of qualification be provided) | |
| 6. | <u>Machinery & Equipment</u> | 05 |
| | (i) Hoisting Equipment (2 Sets) (2 marks) | |
| | (ii) Welding Plants (2 Sets) (2 marks) | |
| | (iii) Others (1 mark) | |
| 7. | <u>Financial Position</u> | 05 |
| | The bidder should submit audited balance sheet for past three years | |
| 8. | <u>Affidavit regarding Blacklisting</u> | 05 |
| | They should submit an affidavit that firm has never been blacklisted. | |
| 9. | <u>Affidavit regarding Litigation</u> | 05 |
| | They should submit an affidavit that firm is not involved in litigation. | |

100

NOTE: Qualifying marks are 70.

Name of Work: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period of) Bed-cum-Passenger E

ITEMWISE COMPARISON O

| S.No | Original/Desired Specifications | Specifications offered by | Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|---------------------------|---------------------------------|---------------------------------|-------|-------------|--------------------|---------------|-------------|-----------------|--------------|----|-----|----------|----|-------------|--------|----|-------------|--|------------|--|--|--|-----------|---------|-----------|-------|-----------|---------|------------|----------------|------------|---------|-------------|---------|--|--|--|---------|---|----------|---------|--------------------|-------|-----|-------|---------------|--|-----------|-----|---------------|--------------|--|--------|-----|---------------------|-----|--|--------|-----|-----------|
| <p>1. <u>HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-1, L-2, L-3, L-4)</u> <u>FOUR CAR GROUP – QUADRIPLEX</u> Supply, Installation, Testing, Commissioning of Hospital Bed-cum-Passenger Elevators, 1600 kg, Speed 1.5 / 1.6 meter / second including all accessories complete in all respects as per attached specifications. APPROVED MAKES: <u>Option One</u> • Western Europe or Japan Origin or equivalent <u>Option Two</u> Korean or Thailand Origin or equivalent SPECIFICATIONS: Elevator System: - Traction Type Bed Elevator with machine room directly above the shaft. Basic facts:</p> <table border="0"> <tr> <td>Capacity</td> <td>1600 kg</td> <td>Shaft</td> <td rowspan="5">} To be inspected by the Bidder</td> </tr> <tr> <td>Speed</td> <td>1.5/1.6 m/s</td> <td>Shaft total Height</td> </tr> <tr> <td>Travel Height</td> <td>50 m approx</td> <td>Shaft over head</td> </tr> <tr> <td>Open through</td> <td>No</td> <td>Pit</td> </tr> <tr> <td>Landings</td> <td>15</td> <td>Shaft width</td> </tr> <tr> <td>Access</td> <td>15</td> <td>Shaft depth</td> <td></td> </tr> <tr> <td colspan="4">CAR</td> </tr> <tr> <td>Car width</td> <td>1500 mm</td> <td>Door type</td> <td>Shaft</td> </tr> <tr> <td>Car Depth</td> <td>2400 mm</td> <td>Door width</td> <td>Center Opening</td> </tr> <tr> <td>Car height</td> <td>2300 mm</td> <td>Door height</td> <td>1100 mm</td> </tr> <tr> <td></td> <td></td> <td></td> <td>2100 mm</td> </tr> </table> | Capacity | 1600 kg | Shaft | } To be inspected by the Bidder | Speed | 1.5/1.6 m/s | Shaft total Height | Travel Height | 50 m approx | Shaft over head | Open through | No | Pit | Landings | 15 | Shaft width | Access | 15 | Shaft depth | | CAR | | | | Car width | 1500 mm | Door type | Shaft | Car Depth | 2400 mm | Door width | Center Opening | Car height | 2300 mm | Door height | 1100 mm | | | | 2100 mm | <p>M/S ZIAFCO Engineers & Contractors</p> <p>Hospital Bed-cum-Passenger Elevators (L-1, L-2, L-3, L-4) Four Car Group – Quadriplex</p> <p>Quantity: 04 Units Type: Hospital Bed Lifts BRAND: SIGMA manufactured by OTIS Elevators South Korea</p> <p>Country of Origin: 100% imported Korea Capacity: 1600 KG Speed: 1.5 M/Sec. No. of Floors: 15 No. of Stops: 15 Control: Simplex Operation: Fully Selective Collective</p> <p>SPECIFICATIONS: Elevator System: Traction Type Bed elevator with machine room directly above the shaft.</p> <table border="1"> <tr> <td>Capacity</td> <td>1600 kg</td> <td>Shaft total height</td> <td>to be</td> <td>yes</td> </tr> <tr> <td>Speed</td> <td>1.5 / 1.6 m/s</td> <td></td> <td>inspected</td> <td>yes</td> </tr> <tr> <td>Travel height</td> <td>50 m approx.</td> <td></td> <td>by the</td> <td>yes</td> </tr> <tr> <td>Open height through</td> <td>No.</td> <td></td> <td>bidder</td> <td>yes</td> </tr> </table> <p>Offered by Sigma yes/no</p> | Capacity | 1600 kg | Shaft total height | to be | yes | Speed | 1.5 / 1.6 m/s | | inspected | yes | Travel height | 50 m approx. | | by the | yes | Open height through | No. | | bidder | yes | <p>OK</p> |
| Capacity | 1600 kg | Shaft | } To be inspected by the Bidder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Speed | 1.5/1.6 m/s | Shaft total Height | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Travel Height | 50 m approx | Shaft over head | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Open through | No | Pit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Landings | 15 | Shaft width | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Access | 15 | Shaft depth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car width | 1500 mm | Door type | Shaft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car Depth | 2400 mm | Door width | Center Opening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Car height | 2300 mm | Door height | 1100 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2100 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacity | 1600 kg | Shaft total height | to be | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Speed | 1.5 / 1.6 m/s | | inspected | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Travel height | 50 m approx. | | by the | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Open height through | No. | | bidder | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

H L N C S B S C C S C Q U S B S L P

m-Passenger Elevators at Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at CHK.

MPARISON OF TECHNICAL PROPOSAL

| Remarks | Specifications offered by | Remarks | Specifications offered by | Remarks |
|---------|--|---------|---|---------|
| | <p>M/S Islamabad Industrial & Trading Corporation</p> <p>HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-1, L-2, L-3, L-4) FOUR CAR GROUP – QUADRIPLEX</p> <p>Make: Hyundai Elevator (STVT-7-2011) Country of Origin: South Korea</p> <p>SPECIFICATIONS:</p> <p>HYUNDAI PLANT: KOREAN PLANT</p> <p>Qty : 4 Nos. (L01~L04) Use : Hospital Bed Elevator. (Gearless Type) Capacity : 1600 Kgs. Speed : 1.5 m/sec. Operation : Group Control. Control system : VVVF (Variable Voltage Variable Frequency). Floors & Stops : 15 Floors & 15 stops. Door opening type : 2 panel side opening. Door opening size : 1300 x 2100 mm. (or As per Available to Shaft) Cabin size : 1500 x 2500 mm. (or As per Available to Shaft) Shaft size : 2400 x 3048 mm. Travel Height : 55 meters. Power supply : AC 3 phase 380V, 50 Hz.</p> | O.K | M/S Emfore Corporation NOT PROVIDED | |
| O.K | | | | |

| | |
|-------------------------|--|
| | (or as per suitable to the shaft sizes) |
| Hand Rail | Three side on car wall |
| Electric | |
| Motor starts/hour | 180 Mains 400 V |
| Type of power supply | TN-S Line frequency 50 Hz |
| Car Walls | Hairline Stainless steel 1.5 mm |
| Car front wall | Hairline Stainless steel 1.5mm |
| Car Ceiling / lighting | Car roof with suspended lighting ceiling "Indirect Lighting-white powder coated. Lighting with fluorescent lamps. PVC/ Resilient rubber flooring, low flammability repels dirt. |
| Car Floor | PVC/ Resilient rubber flooring, low flammability repels dirt. |
| COP | Car operation panel recessed in to the elevator car wall, with 30mm, High red LED dot matrix, position and direction indicator, type plate Alarm button with integrated emergency light, door-open and command button as well as visual and acoustic overload alarm. |
| COP | Car pushbutton box flush mounted on the elevator car wall with buttons (Red requested acknowledgment) and 30 mm high LED dot matrix floor and direction indicator. Type plate, alarm button as well as visual and acoustic overload alarm. |
| Additional for COP | * Door open & closed Button. * Key switch for priority control / Attendant Control. |
| Elevator car equipment: | * Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) * Hairline Stainless Steel * Ground Floor / Main Floor wide jamb with transom panel. |
| Car doors | |
| Landing Doors | |

| | | | | |
|---|---|--------------------|--------|-----|
| Landing Access | 15 | | | yes |
| Car | 15 | Shaft total height | | yes |
| Car width | 1500mm | Door type | | yes |
| Car depth | 2400mm | door width | 1100mm | yes |
| Car height | 2300mm | Door height | 2100mm | yes |
| Car type | 2300 | | | |
| Handrail | (or as persuitable to the shafts sizes) | | | |
| Electric | Three side on car wall | | | |
| Motor starts/hour | 180 | Mains | 400V | yes |
| Type of power supply | TN-S | Line frequency | 50 Hz | yes |
| Car walls | Stainless Steel plate 1.5m | | | |
| Car front wall | Stainless steel hairline | | | |
| Car ceiling / lighting | Car roof with suspended lighting ceiling "indirect lighting, white powder coated, lighting with fluorescent lamps. | | | |
| Car floor | PVC/resilient rubber flooring, low flammability repels dirt | | | |
| COP | Car operation panel recessed in to the elevator car wall, with 30 mm red LED dot matrix, position and direction indicator, type plate, alarm button with integrated emergency light, door open and command button as well as visual and acoustic overload alarm. | | | |
| Additional for COP | Car push button box flush mounted on the elevator car wall with buttons (red request acknowledgment) and 30mm high LED dot matrix floor and director indicator. Type plate, alarm button with integrated emergency light door open and command button as well as visual and acoustic overload alarm. Push button & closed button | | | |
| Key switch for priority control./Attendant control. | | | | |

OK

L N C T E C C F K H E L J L S C C S L E

Lighting supply : AC 1 phase 220V, 50 Hz.
 Machine room : Directly Above the hoisrway.

CAR DESIGN.

Ceiling/Lighting : Milky-white acrylic indirect lighting.
 Transom panel : Hairline stainless steel.
 Entrance column : Hairline stainless steel.
 Car wall : Hairline stainless steel.
 Car Door : Hairline stainless steel.
 Flooring : Hairline stainless steel.
 Kick plate : PVC tiles.
 Handrails : Hairline stainless steel.
 : 1A in hairline stainless steel on 3 walls.

HOISTWAY ENTRANCE.

Landing doors : Hairline stainless steel for all floors.
 Jamb : Full wall jamb in hairline stainless steel for Gr. Floor (E-200)
 : Narrow wall jamb in hairline stainless steel for other floors. (E-050)
 Landing sill : Extruded hard aluminium.

SIGNALS

Car operating panel : Micro push button type. (OPP-N240B)
 Car position Indicator: Dot matrix type (PI-D600) Inside Cabin & on Gr. Floor only.
 Hall button : Micro push button type (HPP-640) for Gr. Floor.
 : For other floors type (HPP-D640).

O.K

O.K

NOT PROVIDED

* Typical Floors / other floors – Narrow Jamb

| | | | | | |
|-----------------------------|--|--|---|--|---|
| Door sills | Made of aluminium | Elevator car equipment | Fan 1 x in the elevators car ceiling (can be switch on/off with button in COP) | | * |
| Operating elements | Installation: car operation panel. Wall-mounted push button box. "Medium" indicator element installed in cover plate made of stainless steel Red LED dot matrix, height 30 mm. | Car doors | Hairline stainless steel. | | * |
| Indicator elements | Installation: Wall mounted push-button box. The frequency convert "CPI" maintenance and service function, including main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet. | Landing doors | Ground floor/Main floor wide jamb with transom panel. | | * |
| Additional control features | - Quadriplex selective-collective control. - Standby power supply operation and sequential starting (standby supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring. - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Door sills | Made of aluminium | | * |
| Additional control features | - Quadriplex selective-collective control. - Standby power supply operation and sequential starting (standby supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Operating elements | Installation: car operation panel, wall mounted push button box. "Medium" indicator elements installed in cover plate made of stainless steel grain 220, white plastic direction arrows, height 48mm, position indicator, red LED dot matrix, height 30mm. | | * |
| Additional control features | - Quadriplex selective-collective control. - Standby power supply operation and sequential starting (standby supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Indicator elements | Installation: Wall mounted push-button box, The frequency converter "CPI", maintenance and service functions, indicating main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet. | | * |
| Additional control features | - Quadriplex selective-collective control. - Standby power supply operation and sequential starting (standby supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Additional control features | Quadriplex selective-collective control. Standby power supply operation and sequential starting (Standby supply provided by the others) Collective fault signal. Elevator car priority (key switch in the car operation panel) Occupied device (80% rated load) Firefighters lift control for one evacuation landing can be enabled via key. Announcement device, installed in the car control panel. Phase failure monitoring Earthquake control, sensor supplied by others. Nudging device. Prevention of runs with empty car-depending of car load. Listening shut out for two way intercom. Switchboard for two-day intercom. | | * |
| Additional control features | - Quadriplex selective-collective control. - Standby power supply operation and sequential starting (standby supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Intercom unit on car roof (handset) Automatic shutdown of the elevator car light. Shaft equipment – Wall plugging for adjustable | | | * |

O.K

FEATURES INCLUDE

- * Overload feature. *
- * Car top maintenance *
- * Attendant service. *
- * Parking (G. floor) *
- * Automatic by pass. *
- * Automatic fan off. *
- * Fireman's emergency return *
- * Non-smoking sign. *
- * B.G.M. *
- * 3 way intercom *
- * Monitoring System (HELMON) *
- * Nudging Service *
- * Push Button Brial type *

- * Leveling protection device.
- * Emergency car lighting
- * Car arrival chime bell.
- * Pit stop.

- * Multi beam with photo cell
- * Phase protection device.
- * Independent service.
- * Voice Synthesizer.
- * Emergency exit in ceiling
- * E.L.D.
- * Earthquake Device
- * COP for Disabled persons

O.K

NOT PROVIDED

O.K

| | | | | | | | | | | | | | | | | |
|--|---|----------|--|---|--|----------------------------------|-----|---|--|-------------|--|-------------------------|--|------------------------|--|-----|
| <ul style="list-style-type: none"> - Prevention of runs with empty car- depending of car load - Listening shut out for two-way intercom - Intercom unit on car roof (handset) three station - Automatic shutdown of the elevator car light. | <table border="1"> <tr> <td>bracket.</td> <td></td> </tr> <tr> <td>Counterweight paneled with steel plate.</td> <td></td> </tr> <tr> <td>Additional non-standard features</td> <td>yes</td> </tr> <tr> <td>ARD Automatic Rescue Device, 1 device for each elevators.</td> <td></td> </tr> <tr> <td>"No-smoking</td> <td></td> </tr> <tr> <td>Voice attendant control</td> <td></td> </tr> <tr> <td>Lift attendant control</td> <td></td> </tr> </table> | bracket. | | Counterweight paneled with steel plate. | | Additional non-standard features | yes | ARD Automatic Rescue Device, 1 device for each elevators. | | "No-smoking | | Voice attendant control | | Lift attendant control | | O.K |
| bracket. | | | | | | | | | | | | | | | | |
| Counterweight paneled with steel plate. | | | | | | | | | | | | | | | | |
| Additional non-standard features | yes | | | | | | | | | | | | | | | |
| ARD Automatic Rescue Device, 1 device for each elevators. | | | | | | | | | | | | | | | | |
| "No-smoking | | | | | | | | | | | | | | | | |
| Voice attendant control | | | | | | | | | | | | | | | | |
| Lift attendant control | | | | | | | | | | | | | | | | |
| <p>Shaft equipment</p> <ul style="list-style-type: none"> - Wall plugging for adjustable bracket. - Counterweight paneled with steel plate. | | | | | | | | | | | | | | | | |
| <p>Additional non-standard features – ARD Automatic Rescue Device.</p> <p><u>1 device for each elevator</u></p> <ul style="list-style-type: none"> - "No-smoking" - Voice Synthesizer - Lift attendant control | | | | | | | | | | | | | | | | |
| <p>Machine Room - Air-conditioning of Machine Room will be provided by the Bidder to maintain the ambient temperature of machine room as recommended by manufacturer.</p> <ul style="list-style-type: none"> - The D.B. in machine room will be provided by the bidder. - All stainless steel should be of 316L. <p>ADDITIONAL CAR OPERATING PANEL FOR DISABLED PERSONS IS TO BE PROVIDED. ALL PUSH BUTTONS SHOULD BE IN BRAIL TYPE</p> | | | | | | | | | | | | | | | | |

2. HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-5, L-6, L-7, L-8)

6. L-7, L-8) FOUR CAR GROUP - QUADRIPLEX

Supply, Installation, Testing, Commissioning of Hospital Bed-cum-Passenger Elevators, 1600 Kg, Speed 1.5 / 1.6 meter / second including all accessories complete in all respects as per attached specifications.

APPROVED MAKES:

Option One

- Western Europe or Japan Origin or equivalent

Option Two

Korean or Thailand Origin or equivalent

SPECIFICATIONS:

Elevator System: Tradition type Bed Elevator with machine room directly above the shaft.

Basic facts:

| | | | |
|---------------|--|--------------------|---------------------------------|
| Capacity | 1600 kg | Shaft | |
| Speed | 1.5/1.6 m/s | Shaft total Height | } To be inspected by the Bidder |
| Travel Height | 55 m approx | Shaft over head | |
| Open through | No | Pit | |
| Landings | 16 | Shaft width | |
| Access | 16 | Shaft depth | |
| Car | | Shaft | |
| Car width | 1500 mm | Door type | Center Opening |
| Car Depth | 2400 mm | Door width | 1100 mm |
| Car height | 2300 mm | Door height | 2100 mm |
| Hand Rail | (or as per suitable to the shaft sizes) Three sides on Car Wall | | |

Hospital Bed-cum-Passenger Elevators (L-5, L-6, L-7, L-8) Four Car Group - Quadruplex

Quantity: 04 Units
Type: Hospital Bed Lifts
BRAND: SIGMA manufactured by OTIS Elevators South Korea

Country of Origin: 100% imported Korea

Capacity: 1600 KG

Speed: 1.5 M/Sec.

No. of Floors: 16

No. of Stops: 16

Control: Simplex

Operation: Fully Selective Collective

SPECIFICATIONS:

Elevator System: Traction Type Bed elevator with machine room directly above the shaft.

| | | | | |
|--|---------------|--------------------|-----------------|------------------|
| | | Shaft | | Offered by Sigma |
| Basic facts: Specifications required by in Tender documents. | | | | |
| Capacity | 1600 kg | Shaft total height | to be inspected | yes |
| Speed | 1.5 / 1.6 m/s | | by the | yes |
| Travel height | 55 m approx. | | bidder | yes |
| Open through | No. | | | yes |

HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-5, L-6, L-7, L-8) FOUR CAR GROUP - QUADRIPLEX

Make: Hyundai Elevator (STVT-7-2011)
Country of Origin: South Korea

HYUNDAI PLANT: **KOREAN PLANT**

SPECIFICATIONS:

| | | |
|-------------------|---|--|
| Qty | : | 4 Nos. (L05~L08) |
| Use | : | Hospital Bed Elevator. (Gearless Type) |
| Capacity | : | 1600 Kgs. |
| Speed | : | 1.5 m/sec. |
| Operation | : | Group Control. |
| Control system | : | VVVF (Variable Voltage Variable Frequency). |
| Floors & Stops | : | 16 Floors & 16 stops. |
| Door opening type | : | 2 panel center opening. |
| Door opening size | : | 1100 x 2100 mm. (Or As per Available to Shaft) |
| Cabin size | : | 1500 x 2500 mm. (Or As per Available to Shaft) |
| Shaft size | : | 2400 x 3048 mm. |
| Travel Height | : | 55 meters. |
| Power supply | : | AC 3 phase 380V, 50 Hz.s |
| Lighting supply | : | AC 1 phase 220V, 50 Hz. |
| Machine room | : | Directly above the hoistway. |
| Car wall | : | Hairline stainless steel. |
| Car Door | : | Hairline stainless steel. |
| Flooring | : | PVC tiles. |
| Kick plate | : | Hairline stainless steel. |
| Handrails | : | 1A in hairline stainless steel on 3 walls. |

O.K

O.K

NOT PROVIDED

| | | | | | |
|----------------------------------|---|-----------------------------|---|-----|--|
| Door sills Operating elements | made of aluminum Installation: car operation panel. Wall-mounted push button box. "Medium" indicator element installed in cover plate made of stainless steel Red ELD dot matrix, height 30 mm. Installation: Wall mounted push-button box. | Landing doors | Ground floor/Main floor wide jamb with transom panel. Typical floors / others - Narrow Jamb Made of aluminum Installation: car operation panel, wall mounted push button box. "Medium" indicator elements installed in cover plate made of stainless steel grain 220, white plastic direction arrows, height 48mm. Position indicator, red LED dot matrix, height 30mm. | yes | |
| Indicator elements | The frequency convert "CPI" maintenance and service function, including main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet. | Indicator elements | Installation: Wall mounted push-button box, | yes | |
| Additional control features | <ul style="list-style-type: none"> - Quadruplex selective-collective control. - Standby power supply operation and sequential starting (standby supply Supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring. - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. | Additional control features | <ul style="list-style-type: none"> Quadruplex selective collective control. Standby power supply operation and sequential starting (Standby supply provided by the others) Collective fault signal. Elevator car priority (key switch in the car operation panel) Occupied device (80% rated load) Firefighters lift control for one evacuation landing can be enabled via key. Announcement device, installed in the car control panel. Phase failure monitoring Earthquake control, sensor supplied by others. Nudging device. Relevelling. Prevention of runs with empty car-dependending of car load. Listening shut out for two way intercom. Switchboard for two-day intercom. Intercom unit on car roof (handsel) Automatic shutdown of the elevator car light. Shaft equipment - Wall plugging for adjustable bracket. Counterweight paneled with steel plate. ARD Automatic Rescue Device. 1 devices for each elevators. *No-smoking | yes | |
| Additional non-standard | | Additional non-standard | ARD Automatic Rescue Device. 1 devices for each elevators. | yes | |

HOISTWAY ENTRANCE.

Landing doors : Hairline stainless steel for all floors.
 Jamb : Full wall jamb in hairline stainless steel for Gr. Floor (E-200)
 Narrow wall jamb in hairline stainless steel for other floors. (E-050)
 Landing sill : Extruded hard aluminium.

SIGNALS

Car operating panel : Micro push button type. (OPP-N240B)
 Car position Indicator: Dot matrix type (P1-D600) Inside Cabin & on Gr. Floor only.
 Hall button : Micro push button type (HPP-640) for Gr. Floor.
 For other floors type (HPP-D640).

O.K

NOT PROVIDED

O.K

FEATURES INCLUDE

- * Overload feature. *
- * Car top maintenance *
- * Attendant service. *
- * Parking (G. floor) *
- * Automatic by pass. *
- * Automatic fan off. *
- * Fireman's emergency return *
- * Non-smoking sign. *
- * B.G.M. *
- * 3 way intercom *
- * Monitoring System (HELMON) *
- * Nudging Service *
- * Push Button Brail type *
- * Leveling protection device. *
- * Emergency car lighting *
- * Car arrival chime bell. *
- * Pit stop. *
- * Multi beam with photo cell. *
- * Phase protection device. *
- * Independent service. *
- * Voice Synthesizer. *
- * Emergency exit in ceiling *
- * E.L.D. *
- * Earthquake Device *
- * COP for Disabled persons *

| | | | | |
|------------------------|--|--|----------------|-------|
| Electric | Motor starts/ hour | 180 | Mains | 400 V |
| | Type of power supply | TN-S | Line frequency | 50 Hz |
| Car Walls | | Hairline Stainless steel | 1.5 mm | |
| Car front wall | | Hairline Stainless steel | 1.5mm | |
| Car Ceiling / lighting | Car roof with suspended lighting ceiling | ‘Indirect Lighting-white powder coated. Lighting with fluorescent lamps. PVC/ Resilient rubber flooring, low flammability repels dirt. | | |
| Car Floor | Car operation panel recessed in to the elevator car wall, with 30mm | High red LED dot matrix, position and direction indicator, type plate | | |
| COP | Alarm button with integrated emergency light, door-open and command button as well as visual and acoustic overload alarm. Car pushbutton box flush mounted on the elevator car wall with buttons (Red requested acknowledgment) and 30 mm high LED dot matrix floor and direction indicator. Type plate, alarm button as well as visual and acoustic overload alarm. | Door – open & close Button. Key switch for priority control / Attendant Control. | | |
| Additional for COP | Elevator car equipment | | | |
| Car doors | * Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) | | | |
| Landing Doors | * Hairline Stainless Steel | | | |
| | * Ground Floor / Main Floor wide jamb with Transom panel. | | | |
| | * Typical Floors / other floors – Narrow Jamb | | | |

| | | | | |
|------------------------|---|--------------------|----------------|-----|
| Landing Access | 16 | | | |
| Car | 1500mm | Shaft total height | | |
| Car width | | Door type | Center opening | yes |
| Car depth | 2400mm | door width | 1100mm | yes |
| Car height | 2300mm | Door height | 2100mm | yes |
| Handrail | (or as persuitable to the shafts sizes) | | | |
| Electric | Three side on car wall | | | |
| Motor starts/hour | 180 | Mains | 400V | yes |
| Type of power supply | TN-S | Line frequency | 50 Hz | yes |
| Car walls | Stainless Steel plate 1.5m | | | |
| Car front wall | Stainless steel hairline 1.5mm | | | |
| Car ceiling/lighting | Car roof with suspended lighting ceiling with fluorescent lamps. white powder coated, lighting with fluorescent lamps. | | | |
| Car floor | PVC/resilient rubber flooring, low flammability repels dirt | | | |
| COP | Car operation panel recessed in to the elevator car wall, with 30 mm red LED dot matrix, position and direction indicator, type plate, alarm button with intergrated emergency light, door open and command button as well as visual and acoustic overload alarm. | | | |
| COP | Car push button box flush mounted on the elevator car wall with buttons (red request acknowledgment) and 30mm high LED dot matrix floor and director indicator. Type plate, alarm button with intergrated emergency light door open and command button as well as visual and scoustic overload alarm. | | | |
| Additional for COP | Door – open & close button | | | |
| Elevator car equipment | Key switch for priority control /Attendant control. | | | |
| Car doors | Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) | | | |
| | Hairline stainless steel. | | | |
| | | | | yes |

OK

| | | | | |
|---|---|----------|---|--|
| <p>Shaft equipment</p> <ul style="list-style-type: none"> - Wall plugging for adjustable bracket. - Counterweight paneled with steel plate. <p>Additional non-standard features – ARD Automatic Rescue Device.</p> <p><u>1 device for each elevator</u></p> <ul style="list-style-type: none"> - “No-smoking” - Voice Synthesizer - Lift attendant control <p>Machine Room - Air-conditioning of Machine Room will be provided by the Bidder to maintain the ambient temperature of machine room as recommended by manufacturer.</p> <ul style="list-style-type: none"> - The D.B. in machine room will be provided by the bidder. - All stainless steel should be of 316L. <p>ADDITIONAL CAR OPERATING PANEL FOR DISABLED PERSONS IS TO BE PROVIDED. ALL PUSH BUTTONS SHOULD BE IN BRAIL TYPE.</p> | <table border="1"> <tr> <td data-bbox="1380 1160 1453 1832">features</td> <td data-bbox="1328 1160 1380 1832">Voice attendant control Lift attendant control</td> <td data-bbox="1380 1832 1453 2168"></td> </tr> </table> <p>Additional car operating panel for disabled persons is to be provided. All push buttons should be in brail type</p> <p style="text-align: right;">O.K</p> | features | Voice attendant control Lift attendant control | |
| features | Voice attendant control Lift attendant control | | | |

O.K

3.

HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-9, L-10) TWO CAR GROUP - DUPLIX

Supply, Installation, Testing, Commissioning of Hospital Bed-cum-Passenger Elevators, 1600 Kg, Speed 1.5 / 1.6 meter / second including all accessories complete in all respects as per attached specifications.

APPROVED MAKES:

- Option One**
• Western Europe or Japan Origin or equivalent
- Option Two**
• Korean or Thailand Origin or equivalent

SPECIFICATIONS:

Elevator System: Traction Type Bed Elevator with machine room directly above the shaft

Basic facts:

| | | | |
|-----------------------|---|--------------------|---------------------------------|
| Capacity | 1600 kg | Shaft | |
| Speed | 1.5/1.6 m/s | Shaft total Height | } To be inspected by the Bidder |
| Travel Height | 55 m approx | Shaft over head | |
| Open through Landings | No | Pit | |
| Access | 15 | Shaft width | |
| | 15 | Shaft depth | |
| Car | | Shaft | |
| Car width | 1500 mm | Door type | Center Opening |
| Car Depth | 2400 mm | Door width | 1100 mm |
| Car height | 2300 mm | Door height | 2100 mm |
| | (or as per suitable to the shaft sizes) | | |
| Hand Rail | Three side on Car Wall | | |
| Electric | | | |

Hospital Bed-cum-Passenger Elevators (L-9, L-10) Two Car Group - Duplex

Quantity: 02 Units
 Type: Hospital Bed Lifts
 BRAND: SIGMA manufactured by OTIS Elevators South Korea
 Country of Origin: 100% imported Korea
 Capacity: 1600 KG
 Speed: 1.5 M/Sec. / 1.6 M/Sec.
 No. of Floors: 15
 No. of Stops: 15
 Control: Simplex
 Operation: Fully Selective Collective

SPECIFICATIONS:

Elevator System: Traction Type Bed elevator with machine room directly above the shaft.

| Basic facts: Specifications required by in Tender documents. | Shaft | Offered by Sigma | yes/no |
|--|---------------|--------------------|----------------|
| Capacity | 1600 kg | Shaft total height | to be |
| Speed | 1.5 / 1.6 m/s | | inspected |
| Travel height | 55 m approx. | | by the |
| Open through | No. | | bidder |
| Landing | 15 | | yes |
| Access | 15 | Shaft total height | yes |
| Car | | | |
| Car width | 1500mm | Door type | Center opening |
| Car depth | 2400mm | door width | 1100mm |

H T M C H SI Q U C Sf O1 Cc Fl Dc Dc Sh Tr Po Liq M Ce Tr En

**HOSPITAL BED-CUM-PASSENGER ELEVATORS (L-9, L-10)
TWO CAR GROUP – DUPLEX**

Make: Hyundai Elevator (STVT-7-2011)
Country of Origin: South Korea

HYUNDAI PLANT: KOREAN PLANT

SPECIFICATIONS:

| | | |
|-------------------|---|--|
| Qty | : | 2 Nos. (L09-L10) |
| Use | : | Hospital Bed Elevator. (Gearless Type) |
| Capacity | : | 1600 Kgs. |
| Speed | : | 1.5 m/sec. |
| Operation | : | Duplex Control. |
| Control system | : | VVVF (Variable Voltage Variable Frequency). |
| Floors & Stops | : | 15 Floors & 15 stops. |
| Door opening type | : | 2 panel center opening. |
| Door opening size | : | 1100 x 2100 mm. (Or As per Available to Shaft) |
| Cabin size | : | 1500 x 2500 mm. (Or As per Available to Shaft) |
| Shaft size | : | 2400 x 3048 mm. |
| Travel Height | : | 55 meters. |
| Power supply | : | AC 3 phase 380V, 50 Hz. |
| Lighting supply | : | AC 1 phase 220V, 50 Hz. |
| Machine room | : | Directly Above the hoistway. |

CAR DESIGN:

| | | |
|------------------|---|--|
| Ceiling/Lighting | : | Milky-white acrylic indirect lighting. |
| Transom panel | : | Hairline stainless steel. |
| Entrance column | : | Hairline stainless steel. |

O.K

O.K

NOT PROVIDED

Car wall : Hairline stainless steel.
 Car Door : Hairline stainless steel.
 Flooring : PVC tiles.
 Kick plate : Hairline stainless steel.
 Handrails : 1A in hairline stainless steel on 3 walls.

HOISTWAY ENTRANCE.

Landing doors : Hairline stainless steel for all floors.
 Jamb : Full wall jamb in hairline stainless steel for Gr. Floor (E-200)
 Narrow wall jamb in hairline stainless steel for other floors. (E-050)
 Landing sill : Extruded hard aluminium.

SIGNALS

Car operating panel : Micro push button type. (OPP-N240B)
 Car position Indicator: Dot matrix type (PI-D600) Inside Cabin & on Gr. Floor only.
 Hall button : Micro push button type (HPP-640) for Gr. Floor.
 For other floors type (HIP-D640).

FEATURES INCLUDE

- * Overload feature. *
- * Car top maintenance. *
- * Attendant service. *
- * Parking (G. floor) *
- * Automatic by pass. *
- * Automatic fan off. *
- * Fireman's emergency return *
- * Non-smoking sign. *
- * Leveling protection device. *
- * Emergency car lighting *
- * Car arrival chime bell. *
- * Pit stop. *
- * Multi beam with photo cell. *
- * Phase protection device. *
- * Independent service. *
- * Voice Synthesizer. *

O.K

O.K

NOT PROVIDED

mounted push button box. "Medium" indicator element installed in cover plate made of stainless steel Red LED dot matrix, height 30 mm.
 Installation: Wall mounted push-button box.

Indicator elements

The frequency convert "CPI" maintenance and service function, including main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet.

Additional control features

- Duplex selective-collective control.
- Standby power supply operation and sequential starting (standby supply supply provided by the others)
- Collective fault signal.
- Elevator car priority (Key switch in the car operation panel).
- Occupied device (80% rated load)
- Firefighters lift control for one evacuation landing, can be enable via key.
- Announcement device, installed in the car control panel.
- Phase failure monitoring.
- Earthquake control, sensor supplied by others.
- Nudging device.
- Relevelling.
- Preventionation of runs with empty car-depending of car load
- Listening shut out for two-way intercom
- Intercom unit on car roof (handset)
- Automatic shutdown of the elevator

| | | |
|-----------------------------|--|-----|
| Elevator car equipment | Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) | yes |
| Car doors | Hairline stainless steel. | yes |
| Landing doors | Ground floor/Main floor wide jamb with transom panel. | yes |
| Door sills | Typical floors / others - Narrow Jamb | yes |
| Operating elements | Made of aluminium | yes |
| Indicator elements | Installation: car operation panel, wall mounted push button box. "Medium" indicator elements installed in cover plate made of stainless steel grain 220, white plastic direction arrows, height 48mm. position indicator, red LED dot matrix, height 30mm. | yes |
| Additional control features | The frequency converter "CPI", maintenance and service functions, indicating main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet. | yes |
| | Quadruplex selective collective control. | yes |
| | Standby power supply operation and sequential starting (Standby supply provided by the others) | |
| | Collective fault signal. | |
| | Elevator car priority (Key switch in the car operation panel) | |
| | Occupied device (80% rated load) | |
| | Firefighters lift control for one evacuation landing can be enabled via key. | |
| | Announcement device, installed in the car control panel. | |
| | Phase failure monitoring | |
| | Earthquake control, sensor supplied by others. | |
| | Nudging device. | |

O.K

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*

* B.G.M.
 * 3 way intercom
 * Monitoring System (HELMON)
 * Nudging Service
 * Push Button Brial type

* Emergency exit in ceiling
 * E.I.D.
 * Earthquake Device
 * COP for Disabled persons

O.K

NOT PROVIDED

O.K

| | | | | | | | | | |
|--|---|--|------------|--|--|----------------------------------|--|----------------------------|------------|
| <p>Shaft equipment</p> <ul style="list-style-type: none"> - car light - Wall plugging for adjustable bracket - Counterweight paneled with steel plate. <p>Additional non-standard features – ARD Automatic Rescue Device.</p> | <p>Additional non-standard features – ARD Automatic Rescue Device. 1 device for each elevator</p> <ul style="list-style-type: none"> - “No-smoking” - Voice Synthesizer - Lift attendant control <p>Machine Room - Air-conditioning of Machine Room will be provided by the Bidder to maintain the ambient temperature of machine room as recommended by manufacturer.</p> <ul style="list-style-type: none"> - The D.B. in machine room will be provided by the bidder. - All stainless steel should be of 316L. <p>ADDITIONAL CAR OPERATING PANEL FOR DISABLED PERSONS IS TO BE PROVIDED. ALL PUSH BUTTONS SHOULD BE IN BRAIL TYPE.</p> | <table border="1"> <tr> <td data-bbox="1291 1167 1453 1332"></td> <td data-bbox="1291 1332 1453 1966"> <p>Relevelling. Prevention of runs with empty car- depending of car load. Listening shut out for two way intercom. Switchboard for two-day intercom. Intercom unit on car roof (handset) three station Automatic shutdown of the elevator car light. Wall plugging for adjustable bracket. Counterweight paneled with steel plate.</p> </td> <td data-bbox="1291 1966 1453 2168"></td> </tr> <tr> <td data-bbox="1079 1167 1291 1332">Additional non-standard features</td> <td data-bbox="1079 1332 1291 1966"> <p>ARD Automatic Rescue Device, 1 devices for each elevators. “No-smoking Voice attendant control Lift attendant control</p> </td> <td data-bbox="1079 1966 1291 2168"> <p>yes yes yes</p> </td> </tr> </table> <p>Additional car operating panel for disabled persons is to be provided. All push buttons should be in brail type</p> | | <p>Relevelling. Prevention of runs with empty car- depending of car load. Listening shut out for two way intercom. Switchboard for two-day intercom. Intercom unit on car roof (handset) three station Automatic shutdown of the elevator car light. Wall plugging for adjustable bracket. Counterweight paneled with steel plate.</p> | | Additional non-standard features | <p>ARD Automatic Rescue Device, 1 devices for each elevators. “No-smoking Voice attendant control Lift attendant control</p> | <p>yes yes yes</p> | <p>J.K</p> |
| | <p>Relevelling. Prevention of runs with empty car- depending of car load. Listening shut out for two way intercom. Switchboard for two-day intercom. Intercom unit on car roof (handset) three station Automatic shutdown of the elevator car light. Wall plugging for adjustable bracket. Counterweight paneled with steel plate.</p> | | | | | | | | |
| Additional non-standard features | <p>ARD Automatic Rescue Device, 1 devices for each elevators. “No-smoking Voice attendant control Lift attendant control</p> | <p>yes yes yes</p> | | | | | | | |
| <p>4.</p> | <p>HOSPITAL FREIGHT ELEVATORS (L-11) ONE CAR GROUP – SIMPLEX Supply, Installation, Testing, Commissioning of Hospital Bed-cum-Passenger Elevators, 2000 kg, Speed 1.00 meter / second including all accessories complete in all respects as per attached specifications.</p> | <p>Hospital Bed-cum-Passenger Elevators (L-11) One Car Group – Simplex Quantity: 01 Units Type: Cargo Lifts BRAND: SIGMA manufactured by OTIS Elevators South Korea</p> | <p>J.K</p> | | | | | | |

OK

OK

HOSPITAL FREIGHT ELEVATORS (L-11)
ONE CAR GROUP - SIMPLEX
Make: Hyundai Elevator (STVT-7-2011)
Country of Origin: South Korea

OK

NOT PROVIDED

APPROVED MAKES:

Option One

- Western Europe or Japan Origin or equivalent

Option Two

Korean or Thailand Origin or equivalent

SPECIFICATIONS:

Elevator System: Freight Elevator with machine room directly above the shaft

Basic facts:

| | | | |
|------------------------|---|---------------------------|---------------------------------|
| Capacity | 2000 kg | Shaft | |
| Speed | 1.0 m/s | Shaft total Height | } To be inspected by the Bidder |
| Travel Height | 50 m approx | Shaft over head | |
| Open through | No | Pit | |
| Landings | 15 | Shaft width | |
| Access | 15 | Shaft depth | |
| Car | | Shaft | |
| Car width | 1500 mm | Door type | Center Opening |
| Car Depth | 2400 mm | Door width | 1100 mm |
| Car height | 2300 mm | Door height | 2100 mm |
| | (or as per suitable to the shaft sizes) | | |
| Electric | | | |
| Motor starts/hour | 180 | Mains | 400 V |
| Type of power supply | TN-S | Line frequency | 50 Hz |
| Car Walls | | Powder Coated Steel Plate | |
| Car front wall | | Powder Coated Steel Plate | |
| Car Ceiling / lighting | Car roof with suspended lighting ceiling *Indirect Lighting-white Powder coated. Lighting with fluorescent lamps. | | |

Country of Origin: **100% imported Korea**

Capacity: 2000 KG
 Speed: 1 M/Sec.
 No. of Floors: 15
 No. of Stops: 15
 Control: Simplex
 Operation: Fully Selective Collective

SPECIFICATIONS:

Elevator System: Freight elevator with machine room directly above the shaft.

| | | | | |
|---|---|--------------------|----------------|------------------|
| | | Shaft | | Offered by Sigma |
| Basic facts: Specifications required by in Tender documents. | | | | |
| Capacity | 2000 kg | Shaft total height | to be | yes/no |
| Speed | 1.0 m/s | | inspected | yes |
| Travel height | 50 m approx. | | by the | yes |
| Open through | No. | | bidder | yes |
| Landing | 15 | | | yes |
| Access | 15 | | | yes |
| Car | | Shaft total height | | |
| Car width | 1500mm | Door type | Center opening | yes |
| Car depth | 2400mm | door width | 1100mm | yes |
| Car height | 2300mm | Door height | 2100mm | yes |
| | (or as pensuitable to the shafts sizes) | | | |
| Handrail | Three side on car wall | | | |
| Electric | | | | |

O.K

H S Q U C S O C F D D C S T P L N C C T E C C F F K H

HYUNDAI PLANT:

KOREAN PLANT

SPECIFICATIONS:

| | | |
|-------------------|---|--|
| Qty | : | 1 No. (L11) |
| Use | : | Service Elevator. (Gearless Type) |
| Capacity | : | 2000 Kgs. |
| Speed | : | 1.0 m/sec. |
| Operation | : | Simplex Control. |
| Control system | : | VVVF (Variable Voltage Variable Frequency). |
| Floors & Stops | : | 15 Floors & 15 stops. |
| Door opening type | : | 2 panel center opening. |
| Door opening size | : | 1100 x 2100 mm. (Or As per Available to Shaft) |
| Cabin size | : | 1500 x 2500 mm. (Or As per Available to Shaft) |
| Shaft size | : | 2400 x 3048 mm. |
| Travel Height | : | 55 meters. |
| Power supply | : | AC 3 phase 380V, 50 Hz. |
| Lighting supply | : | AC 1 phase 220V, 50 Hz. |
| Machine room | : | Directly above the hoistway. |

O.K

CAR DESIGN.

| | | |
|------------------|---|--|
| Ceiling/Lighting | : | Milky-white acrylic indirect lighting. |
| Transom panel | : | Hairline stainless steel. |
| Entrance column | : | Hairline stainless steel. |
| Car wall | : | Hairline stainless steel. |
| Car Door | : | Hairline stainless steel. |
| Flooring | : | Checkered steel plate. |
| Kick plate | : | Hairline stainless steel. |
| Handrails | : | 1A in hairline stainless steel on 3 walls. |

O.K

NOT PROVIDED

| | | |
|-----------------------------|---|-----|
| | | |
| Indicator elements | <p>Installation: Wall mounted push-button box. The frequency convert "CPF" maintenance and service function, including main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet.</p> <p>Additional control features</p> <ul style="list-style-type: none"> - Simplex selective-collective control. - Standby power supply operation and sequential starting (standby supply supply provided by the others) - Collective fault signal. - Elevator car priority (key switch in the car operation panel). - Occupied device (80% rated load) - Firefighters lift control for one evacuation landing, can be enable via key. - Announcement device, installed in the car control panel. - Phase failure monitoring. - Earthquake control, sensor supplied by others. - Nudging device. - Relevelling. - Prevention of runs with empty car-depending of car load - Listening shut out for two-way intercom - Intercom unit on car roof (handset) - Automatic shutdown of the elevator car light. | |
| Car doors | Hairline stainless steel. | yes |
| Landing doors | Ground floor/Main floor wide jamb with transom panel. | yes |
| Door sills | Typical floors / others – Narrow Jamb | yes |
| Operating elements | Made of aluminium | yes |
| Indicator elements | <p>Installation: car operation panel, wall mounted push button box. ;Medium" indicator elements installed in cover plate made of stainless steel grain 220, white plastic direction arrows, height 48mm. position indicator, red LED dot matrix, height 30mm.</p> <p>Installation: Wall mounted push-button box,</p> | yes |
| Additional control features | <p>The frequency converter "CPF", maintenance and service functions, indicating main switch, light switch and fuses, are mounted in the control box or at a switch console on the control cabinet.</p> <p>Quadruplex selective collective control.</p> | yes |
| | Standby power supply operation and sequential starting (Standby supply provided by the others) | |
| | Collective fault signal. | |
| | Elevator car priority (key switch in the car operation panel) | |
| | Occupied device (80% rated load) | |
| | Firefighters lift control for one evacuation landing can be enabled via key. | |
| | Announcement device, installed in the car control panel. | yes |
| | Phase failure monitoring | |
| | Earthquake control, sensor supplied by others. | |
| | Nudging device. | |
| | Relevelling. | |
| | Prevention of runs with empty car-depending of car load. | |
| | Listening shut out for two way intercom. | |
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I I J I I S C C S I I I F * * * * * * * * * * * *

HOISTWAY ENTRANCE.

Landing doors : Hairline stainless steel for all floors.
 Jamb : Full wall jamb in hairline stainless steel for Gr. Floor (E-200)
 Narrow wall jamb in hairline stainless steel for other floors. (E-050)
 Landing sill : Checkered steel plate.

SIGNALS

Car operating panel : Micro push button type. (OPP-N240B)
 Car position Indicator: Dot matrix type (PI-D600) Inside Cabin & on Gr. Floor only.
 Hall button : Micro push button type (HPP-640) for Gr. Floor.
 For other floors type (HIP-D640).

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O.K

NOT PROVIDED

FEATURES INCLUDE

- * Overload feature. * Leveling protection device.
- * Car top maintenance. * Emergency car lighting
- * Attendant service. * Car arrival chime bell.
- * Parking (G. floor) * Pit stop.
- * Automatic by pass. * Multi beam with photo cell
- * Automatic fan off. * Phase protection device.
- * Fireman's emergency return * Independent service.
- * Non-smoking sign. * Voice Synthesizer.
- * B.G.M. * Emergency exit in ceiling
- * 3 way intercom * E.I.D.
- * Monitoring System (HELMON) * Earthquake Device
- * Nudging Service

| | |
|---|--|
| Car Floor, Car Sill & Landing Door Sill | Checked Plate 1. |
| COP | Car operation panel recessed in to the elevator car wall, with 30mm High red LED dot matrix, position and direction indicator, type plate Alarm button with integrated emergency light, door-open and command Button as well as visual and acoustic overload alarm. |
| COP | Car pushbutton box flush mounted on the elevator car wall with buttons (Red requested acknowledgment) and 30 mm high LED dot matrix floor and direction indicator. Type plate, alarm button as well as visual and acoustic overload alarm. Door – open & close Buttons. Key switch for priority control / Attendant Control. |
| Additional for COP | |
| Elevator car equipment | Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) |
| Car doors | * Powder Coated Steel Plate |
| Landing door | * Ground Floor / Main Floor wide jamb with transom panel. * Typical Floors / other floors – Narrow Jamb |
| Door sills | Checked Plate |
| Operating elements | Installation: car operation panel. Wall-mounted push button box. “Medium” indicator element installed in cover plate made of stainless steel Red LED dot matrix, height 30 mm. |

| Motor starts/hour | 180 | Mains | 400V | yes |
|---|--|----------------|-------|-----|
| Type of power supply | TN-S | Line frequency | 50 Hz | yes |
| Car walls | Stainless Steel plate 1.5mm | | | |
| Car front wall | Stainless steel hairline 1.5mm | | | |
| Car ceiling/lighting | Car roof with suspended lighting ceiling “indirect lighting, white powder coated, lighting with fluorescent lamps. | | | |
| Car floor, Car sill and landing door sill | Checked plate. | | | |
| COP | Car operation panel recessed in to the elevator car wall, with 30 mm, red LED dot matrix, position and direction indicator, type plate, alarm button with integrated emergency light, door open and command button as well as visual and acoustic overload alarm. | | | |
| COP | Car push button box flush mounted on the elevator car wall with buttons (red request acknowledgment) and 30mm high LED dot matrix floor and director indicator. Type plate, alarm button with integrated emergency light door open and command button as well as visual and acoustic overload alarm. | | | |
| Additional for COP | Door – open & close button | | | |
| Elevator car equipment | Key switch for priority control/Attendant control. | | | |
| | Fan 2 x in the elevators car ceiling (can be switch on/off with button in COP) | | | |
| | | | | yes |
| | | | | yes |
| | | | | yes |

OK

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------|-----------------------------------|--|--|---|-----|--|---|--|--|---------------------------------------|--|--|---|--|----------------------------------|--|-----|-------------|-----|-------------------------|-----|------------------------|-----|------------|
| <p>Shaft equipment</p> <ul style="list-style-type: none"> - Wall plugging for adjustable bracket. - Counterweight paneled with steel plate. <p>Additional non-standard features – ARD Automatic Rescue Device.</p> <p>1 device for each elevator</p> <ul style="list-style-type: none"> - “No-smoking” - Voice Synthesizer - Lift attendant control | <table border="1"> <tr> <td></td> <td>Switchboard for two-day intercom.</td> <td></td> </tr> <tr> <td></td> <td>Intercom unit on car roof (handset) three station</td> <td>yes</td> </tr> <tr> <td></td> <td>Automatic shutdown of the elevator car light.</td> <td></td> </tr> <tr> <td></td> <td>Wall plugging for adjustable bracket.</td> <td></td> </tr> <tr> <td></td> <td>Counterweight paneled with steel plate.</td> <td></td> </tr> <tr> <td rowspan="4">Additional non-standard features</td> <td>ARD Automatic Rescue Device, 1 devices for each elevators.</td> <td>yes</td> </tr> <tr> <td>“No-smoking</td> <td>yes</td> </tr> <tr> <td>Voice attendant control</td> <td>yes</td> </tr> <tr> <td>Lift attendant control</td> <td>yes</td> </tr> </table> | | Switchboard for two-day intercom. | | | Intercom unit on car roof (handset) three station | yes | | Automatic shutdown of the elevator car light. | | | Wall plugging for adjustable bracket. | | | Counterweight paneled with steel plate. | | Additional non-standard features | ARD Automatic Rescue Device, 1 devices for each elevators. | yes | “No-smoking | yes | Voice attendant control | yes | Lift attendant control | yes | <p>O.K</p> |
| | Switchboard for two-day intercom. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Intercom unit on car roof (handset) three station | yes | | | | | | | | | | | | | | | | | | | | | | | | |
| | Automatic shutdown of the elevator car light. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Wall plugging for adjustable bracket. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Counterweight paneled with steel plate. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Additional non-standard features | ARD Automatic Rescue Device, 1 devices for each elevators. | yes | | | | | | | | | | | | | | | | | | | | | | | | |
| | “No-smoking | yes | | | | | | | | | | | | | | | | | | | | | | | | |
| | Voice attendant control | yes | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lift attendant control | yes | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Machine Room - Air-conditioning of Machine Room will be provided by the Bidder to maintain the ambient temperature of machine room as recommended by manufacturer.</p> <ul style="list-style-type: none"> - The D.B. in machine room will be provided by the bidder. - All stainless steel should be of 316L. <p>ADDITIONAL CAR OPERATING PANEL FOR DISABLED PERSONS IS TO BE PROVIDED. ALL PUSH BUTTONS SHOULD BE IN BRAIL TYPE</p> | <p>Additional car operating panel for disabled persons is to be provided. All push buttons should be in brail type.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>5. DUMB WAITER (D-1, D-2, D-3, D-4)</p> <p>Supply, Installation, Testing, Commissioning of Dumb Waiter, 250kg, Speed 0.4 m/second including all accessories complete in all respects as per attached specifications.</p> <p>APPROVED MAKES:</p> <p>Option One</p> <ul style="list-style-type: none"> • Western Europe or Japan Origin or equivalent <p>Option Two</p> <p>Korean or Thailand Origin or equivalent</p> <p>SPECIFICATIONS:</p> | <p>Dumb Waiter (D-1, D-2)</p> <p>Quantity: 02 Units</p> <p>Type: Dumb Waiter</p> <p>BRAND: SIGMA manufactured by OTS Elevators South Korea</p> <p>Country of Origin: 100% imported Korea</p> <p>Capacity: 2500 KG</p> <p>Speed: 0.4 M/Sec.</p> <p>No. of Floors: From 5th floor to 9th floor.</p> <p>No. of Stops: From 5th floor to 9th floor.</p> <p>Control: Simplex</p> | <p>O.K</p> | | | | | | | | | | | | | | | | | | | | | | | | |

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DUMB WAITER (D-1, D-2, D-3, D-4)

ORIGIN : KOREAN PLANT

Qty : 4 Nos. (D1-D4)

Rated Load : 250 Kgs.

Rated speed : 0.4 m/sec.

Power system : Geared variable speed, AC Drive.

Control system : Microprocessor Based VVVF Control.

Travel : As per site.

O.K

NOT PROVIDED

| | |
|--------------------------|--|
| Rated Load | : 250 Kgs. |
| Rated speed | : 0.4 m/sec. |
| Power system | : Geared variable speed, AC Drive. |
| Control system | : Microprocessor Based VVVF Control. |
| Floor/stops | : D-1 & D-2 (From 5 th Floor to 9 th Floor) |
| Up/Down Sliding | : D-3 & D-4 (From 6 th Floor to 13 th Floor) |
| Shaft size | : D-1 & D-2 (As per site) – D-3 & D-4 (As per site). |
| | Lighting and provision for removable intermediate shelf. |
| Cabin size: | : As per available shaft – Hairline stainless steel with internal Light and provision for removable intermediate shelf as per shaft available. |
| Type of entrance manual: | Bi-Pating vertical sliding doors of Hairline stainless steel finish, at floor level. |
| Clear size of entrance | : 500 mm or as per available shaft. |
| Electric supply | : 380/230 volts, 3 phase, 4/wire, 50 Hz. |

Operation: Fully Selective Collective

Dumb Waiter (D-3, D-4)

Quantity: 02 Units

Type: Dumb Waiter

BRAND: SIGMA manufactured by OTIS Elevators South Korea

Country of Origin: 100% imported Korea

Capacity: 2500 KG

Speed: 0.4 M/Sec.

No. of Floors: From 5th floor to 9th floor.

No. of Stops: From 5th floor to 9th floor.

Control: Simplex

Operation: Fully Selective Collective

SPECIFICATIONS:

| | | |
|--|--|------------------|
| Rate load | 250 kgs | Offered by SIGMA |
| Rated speed | 0.4 m/sec. | YES/NO |
| Power system | Geared variable speed, AC Drive | yes |
| Control System | Microprocess based VVVF Control | yes |
| Floor/stops | D-1 & D-2 (from 5 th floor to 9 th floor) | yes |
| Up/Down sliding | D-3 & D-4 (from 6 th floor to 13 th floor) | yes |
| Shaft size | D-1 & D-2 (as per site) – D-3 & D-4 (as per site) | yes |
| Lighting and provision for removable intermediate shelf. | | |
| Cabin size | As per available shaft – Hairline | yes |

| | | | | |
|----|--|-----|--------------|--|
| OK | <p>Floor/stops : 5 Floors / 5 stops (D1 & D2), 8 Floors & 8 stops (D3 & D4)</p> <p>Shaft size : As per site. Lighting and provision for removable intermediate shelf.</p> <p>Cabin size : As per available shaft – Hairline stainless steel with internal light and provision for removable intermediate shelf as per shaft available. Bi-Pating vertical sliding doors of Hairline steel finish.</p> <p>Type of entrance manual: Bi-Pating vertical sliding doors of Hairline steel finish.</p> <p>Clear size of entrance : 500 mm or as per available shaft.</p> <p>Electric supply : 380/230 volts, 3 phase, 4/wire, 50 Hz.</p> <p>Manufactured in Korea other than Hyundai Elevator.</p> | O.K | NOT PROVIDED | |
|----|--|-----|--------------|--|

| | | |
|---|--|-----|
| Lighting and provision for removable intermediate shaft as per shaft available. | stainless steel with internal | |
| Type of entrance manual | Bi-Pairing vertical sliding doors of Hairline Stainless Steel. | yes |
| at floor level | finish | |
| Clear size of entrance. | 500 mm or as per available shaft. | yes |
| Electric Supply | 380/230 volts, 3 phase, 4/wire, 50 Hz | yes |

Helipad Platform Lift

SPECIFICATIONS:

| | | | |
|-------------------|---------------------------------|------------------|------------------|
| Elevator type | Hydraulic platform (Fixed type) | Offered by SIGMA | Offered by SIGMA |
| Platform size | 1500 mm x 250 mm | YES/NO | YES/NO |
| Rated load | 1600 kg | | yes |
| Travel | 1000 mm | | yes |
| Pit depth | 1000 mm | | yes |
| The lowest height | 1000 mm | | yes |
| Platform material | 4mm anti-sliding steel board | | yes |

HELIPAD PLATFORM LIFT

Supply, Installation, Testing, Commissioning of Helipad Platform Lift, 1600kg including all accessories complete in all respects as per attached specifications.

APPROVED MAKES:

Option One

- Western Europe or Japan Origin or equivalent

Option Two

Korean or Thailand Origin or equivalent

SPECIFICATIONS:

- Elevator type : Hydraulic Platform (Fixed Type)
- Platform Size : 1500 mm x 2500 mm
- Rated Loading : 1600 kg
- Travel : 5.0 meter approx
- Pit Depth : 1000 mm

OK

HELIPAD PLATFORM LIFT

ORIGIN : KOREAN PLANT

- 1. Elevator type: Hydraulic Platform (Fixed Type)
- 2. Platform Size: 1500mm x 2500mm
- 3. Rated Loading: 1600kg
- 4. Travel : 5meters
- 5. Pit Depth : 1000mm
- 6. The lowest height: 1000mm
- 7. Platform material: 4mm anti-sliding steel board
- 8. Motor : 3 phase 380V, 50HZ

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NOT PROVIDED

O.K

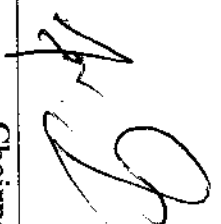
NOT PROVIDED

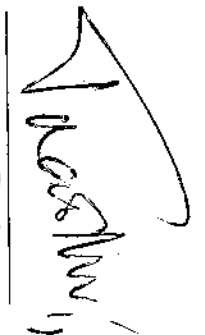
O.K

| | | | | | | | | | | | |
|--|---|-------|--------------------|-----|------------------|---------------------|-----|--------|----------------------------------|-----|--|
| <p>The lowest height : 1000 mm</p> <p>Platform material : 4 mm anti-sliding steel board</p> <p>Motor : 3 phase 380V, 50HZ</p> <p>Electric control : Interlocking Device</p> <p>Safety : As per standard including Barriers.</p> <p>Machine Room - Hydraulic Lift for Helipad Lift will be covered.</p> <p>- Air-conditioning of Machine Room will be provided by the Bidder to maintain the ambient temperature of machine room as recommended by manufacturer.</p> <p>- The D.B. in machine room will be provided by the bidder.</p> <p>- All stainless steel should be of 316L.</p> | <table border="1"> <tr> <td>Motor</td> <td>3 phase 380V, 50Hz</td> <td>yes</td> </tr> <tr> <td>Electric control</td> <td>Interlocking device</td> <td>yes</td> </tr> <tr> <td>Safety</td> <td>As per stand including barriers.</td> <td>yes</td> </tr> </table> | Motor | 3 phase 380V, 50Hz | yes | Electric control | Interlocking device | yes | Safety | As per stand including barriers. | yes | <p>Assurance that Addendum will be complied.</p> |
| Motor | 3 phase 380V, 50Hz | yes | | | | | | | | | |
| Electric control | Interlocking device | yes | | | | | | | | | |
| Safety | As per stand including barriers. | yes | | | | | | | | | |
| <p>7. <u>GENERAL (As per Addendum)</u></p> <p>• <u>ELEVATOR MONITORING</u></p> <p>a) Status Monitoring.</p> <p>b) Operation Status.</p> <p>c) C.C.T.V. - Monitoring.</p> <p>• The speed of the Elevators should be such that it can be reduced upto 1.25 meter / second.</p> | | | | | | | | | | | |


Medical Superintendent
 Civil Hospital Karachi


Chairperson
 Department of Cardiology


Chairperson
 Department of Anaesthesia


Chairman
 Department of Neurosurgery

Name of Work: Supply, Installation, Testing, Commissioning & Maintenance (during maintenance period) of Bed-Cum-Passenger Elevator Shal

INITIAL EVALUATI

| S.No. | Name of Firm | Essential Requirements | | Establishment of Firm since-alongwith address | Elevators installed during last five years | Work of Elevators in hand | Work of mai of Elevator: (last five) |
|-------|--|------------------------|---------------------------|---|--|---------------------------|--------------------------------------|
| | | Registered with P.E.C. | Certificate of Dealership | | | | |
| 1 | M/S Standard Services | | | Total 05 Marks | Total 25 marks | Total 25 marks | Total 20 |
| 2 | M/S Jeevaji (Pvt.) Limited | | | | NOT | PAR TPAT | ED |
| 3 | M/S Islamabad Industrial & Trading Corporation | Attached | Attached | Estb: Since 1985 05 | (605 Installed) 25 | (65 in hand) 25 | (384 N) 20 |
| 4 | M/S ZIAFCO Engineers & Contractors | Attached | Attached | Estb: Since 1974 05 | (311 Installed) 25 | (64 in hand) 25 | (149 N) 20 |
| 5 | M/S Emfore Corporation | Attached | Attached | Estb: Since 1992 05 | (51 Installed) 25 | (11 in hand) 11 | (154 N) 20 |
| 6 | M/S The Global Traders | | | | NOT | PARTICIPAT | ED |
| 7 | M/S Wadood Engineering Services | | | | NOT | PARTICIPAT | ED |

Medical Superintendent - CHK

Chairperson,
Deptt: of Cardiology

Chairperson,
Deptt: of Anaesthesia

Project Director

Director
Health

INITIAL EVALUATION SHEET

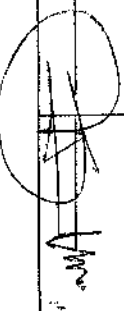
| of Elevators in hand | Work of maintenance of Elevators during last five years | Man Power Requirement | Machinery & Equipment | Financial Position | Affidavit regarding Blacklisting | Affidavit regarding Litigation | Marks Obtained | Remarks |
|----------------------|---|-----------------------|-----------------------|--------------------|----------------------------------|--------------------------------|--------------------|---|
| 125 marks | Total 20 marks | Total 05 marks | Total 05 marks | Total 05 marks | Total 05 marks | Total 05 marks | Total Marks 100 | |
| PICIPAT | ED | | | | | | | |
| NSIDERED | BEIND LATE | | | | | | | |
| in hand) | (384 Nos.) | List attached | List attached | Attached | Attached | Attached | Obtained 100 Marks | Qualified for Elevators of Korean Origin |
| 25 | 20 | 05 | 05 | 05 | 05 | 05 | | |
| in hand) | (149 Nos) | List attached | List attached | Attached | Not Attached | Not Attached | Obtained 90 Marks | Qualified for Elevators of Korean Origin |
| 25 | 20 | 05 | 05 | 05 | 0 | 0 | | |
| in hand) | (154 Nos) | List attached | List attached | Attached | Attached | Attached | Obtained 86 Marks | Qualified for Elevators of Chinese Origin |
| 11 | 20 | 05 | 05 | 05 | 05 | 05 | | |
| PICIPAT | ED | | | | | | | |
| PICIPAT | ED | | | | | | | |
| PICIPAT | ED | | | | | | | |

Director (Development),
Health Deptt - Govt. of Sindh

Deputy Director (Dev),
Health Deptt - Gos

Divisional Accounts Officer
A.G. Sindh Office

Accounts Officer - CHK





**OFFICE OF THE PROJECT DIRECTOR
SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and Ancillary
Services Complex at Civil Hospital Karachi**

NO: PD/AEC&ASC/CHK/2012/1981

DATED: MAY, 29-2012

**M/S Emfore Corporation,
C-107/1, Block IV,
KAECHS, Karachi-75350**

**SUBJECT: SUPPLY & INSTALLATION OF OTIS ELEVATOR USA FOR THE
PROJECT SHAHEED MOHTARMA BENAZIR BHUTTO
ACCIDENT, EMERGENCY & TRAUMA CENTRE AND
ANCILLARY SERVICES COMPLEX AT CIVIL HOSPITAL
KARACHI**

- Please refer to your letter No. LK-1705/12 dated 17-05-2012 alongwith Technical Proposal which were opened on 17-05-2012.
- You have submitted "Certificate" from OTIS Elevators Ltd. – Arabian Gulf Branch Kuwait. Please submit the Dealership Certificate of OTIS – USA from where you intend to supply the Elevators.
- Under the heading "Elevators Installed during last five years" you have mentioned the list containing Elevators of "Chinese Origin".
- Please supply the list of only Elevators of OTIS – USA origin which you intend to supply.
- Please use separate sheet for each contract as mentioned in Tender Document.
- Under the heading "Elevator Work in hand" following be clarified:-
 - a. You have included Chinese Elevators in the list. Please specify only OTIS – USA Elevators which you intend to supply.

- b. In supply orders too, Chinese Elevators have been mentioned. Please submit supply orders with OTIS – USA origin only.
- c. Please also mention full name of the project alongwith city where these are installed.
- Under heading “**Details of Contracts of Maintenance of Elevators**” at page 13 of the Tender documents, please submit details of Maintenance Projects of OTIS – USA using separate sheet for every project as required, for OTIS – USA origin.
 - **You have not attached detailed specification of the USA – OTIS Elevator in details, itemwise as mentioned in the Specifications of the Tenders documents from page 16 to 27. Please supply the same so that it can be compared with the given specifications.**
 - **Your reply should reach by Friday i.e. 01-06-2012 so that further action is taken.**



Copy to Medical Superintendent,
Civil Hospital Karachi

PROJECT DIRECTOR

HEAD OFFICE

4, Block 4, K.A.E.C.H. Society
Karachi-75350 (PAKISTAN)
Tel: (92 21) 3453 7693-5 FAX: (92 21) 3454 7839
Email: emfore@super.net.pk
www.otispakistan.com

**emfore
corporation**

May 31, 2012

The Project Director
Shaheed Mohtarma Benazir Bhutto
Accident, Emergency & Trauma Center and Ancillary Services Complex
Civil Hospital
Karachi

Ref: Letter PD/AEC&ASC/CHK/2012/1981 dated May 29, 2012

Dear Sir

With reference to the above and the queries contained therein; please find our answers below:

1. Otis Elevator Inc. is a company founded and incorporated in the United States of America. It is the foremost elevator manufacturer in the world with more than 150 year history of technological advancements and research in the field of vertical transportation. With sales reaching more than 200,000 units per year globally, OTIS supplies equipment through its regional offices that act as a liaison between the manufacturer and the representative company in any country. This is how it is organized:

AMERICAS (NSAA): United States, Canada, Central America, Mexico and South America

NORTH & EAST EUROPE AND AFRICA (NEEA): France, Benelux (Belgium, Netherlands and Luxembourg), Nordic Region (Baltic States of Estonia, Lithuania, Latvia, Denmark, Finland, Norway and Sweden), Egypt, Kazakhstan, Azerbaijan, Russia, South Africa, Switzerland, Ukraine

NORTH ASIA PACIFIC (NAPA): China, Japan, South Korea and Vietnam

SOUTH ASIA PACIFIC AND GULF (SAPA): Hong Kong, Australia, Bahrain, Bangladesh, India, Indonesia, Kuwait, Malaysia, Macau, New Zealand, Oman, Pakistan, Papua - New Guinea, the Philippines, Qatar, Saudi Arabia, Singapore, Taiwan, Thailand, United Arab Emirates, Yemen

SOUTH EUROPE & MEDITERRANEAN (SEMA): Spain, Cyprus, Greece, Italy, Lebanon, Morocco, Palestine, Portugal, Turkey

UNITED KINGDOM & CENTRAL EUROPE (UCEA): United Kingdom, Austria, Croatia, Czech Republic, Germany, Hungary, Ireland, Poland, Romania, Slovakia, Slovenia

BRANCHES

Istanbul
Lahore
Peshawar
Quetta

OTIS

As evident from the above Pakistan is categorized as an Arabian Gulf state by OTIS ELEVATOR INC., so Emfore Corporation the representative company of Otis Elevator Inc. in Pakistan is coordinated by the ARABIAN GULF BRANCH (AGB) of OTIS ELEVATOR INC., which is located in Kuwait. Hence our primary certificate is also from OTIS's AGB Branch. However just so that there is no confusion, we are also attaching herewith first and last page of Distribution Agreement from the parent company. (Addendum A)

To corroborate this further please visit
<http://www.otis.com/site/kw/pages/agb.aspx?menuID=8#BKPAKISTAN>

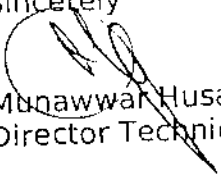
2. Our bid is structured according to your laid specifications. OTIS is geared to manufacture a custom-built product that suits the requirement of a particular customer who does not require a standard product. So please rest assured that your specifications have been complied without fail.

We believe that these queries have also been sent to other bidders as well. It is a well known feat that Sigma of Ziafco and Hyundai of IITC have factories in china and their Chinese equipment is regularly supplied to projects in Pakistan. We are not sure what is the criteria to determine the origin of the product. Moreover the question of origin becomes redundant when your tender document states, the dubious terms of 'equivalent' wherever 'origin' of product is mentioned.

Let us also emphasize that we reserve the right to approach authorities such as PPRA and SPRA if the same queries have not been addressed by all the bidders as the premise of every tender according to PPRA rules and regulations is to provide a fair competition to all the bidders.

We expect that the above answers your queries entirely. Please do not hesitate to write to us if you require further clarification in this respect. We shall be pleased to clarify your concerns across the table.

Sincerely


Munawwar Husain
Director Technical

cc Medical Superintendent, Civil Hospital Karachi
Minister of Health, Government of Sindh
Secretary Health, Government of Sindh



DISTRIBUTION AGREEMENT
BETWEEN
OTIS ELEVATOR COMPANY AND
EMFORE CORPORATION

AGREEMENT between Otis Elevator Company, a corporation organized under the laws of the State of New Jersey, United States of America, and having its registered office at 28 West State Street, Trenton, New Jersey, 08608; United States of America (hereinafter called "Otis") and Emfore Corporation, a sole proprietorship owned by Muzaffar H. Sufi, whose address is C-107/1, Block 4, Kaechs, Karachi-75350, Pakistan (hereinafter referred to as "Emfore"), entered into at Farmington, Connecticut, United States of America, dated as of the 3rd day of July, 1992.

WITNESSETH:

WHEREAS, the Distributor desires the exclusive representation of Otis for Pakistan and Otis is willing to grant such representation to the Distributor upon the terms and conditions hereinafter set forth.

NOW, THEREFORE, IT IS AGREED AS FOLLOWS


ARTICLE I

Subject to the terms and conditions of this Agreement, Otis hereby appoints the Distributor as its exclusive distributor for the marketing, furnishing, installing and servicing of Otis equipment in Pakistan (hereinafter referred to as the "Territory") and the Distributor hereby accepts said appointment and agrees to give careful and energetic attention to promoting the sale, installation and servicing of Otis equipment throughout the Territory. The Distributor agrees to promote the sale of and obtain orders for the sale and servicing of Otis equipment the best of his ability in the Territory by all normal means, including:


1. solicitation of potential customers;
2. paid advertising and distribution of brochures, catalogs, samples and advertising matter furnished or approved by Otis;

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed in duplicate by their duly authorized officers the day and year written above.

EMFORE CORPORATION

By 
Muzaffar H. Sufi
(Personally and for Emfore Corporation)

OTIS ELEVATOR COMPANY

By 
Typewritten Name PALIATH MOHANDAS
Title VICE PRESIDENT





SIGMA
by **OTIS**, Korea

ZIAFCO

ENGINEERS & CONTRACTORS

REF:ZEC:CHTC:0506/2012-11218

June 5, 2012

Office of the Project Director,
Shaheed Mohtarma Benazir Bhutto,
Accident, Emergency & Trauma Centre and
Ancillary Services Complex, Civil Hospital,
Karachi.

SUB: Tender for Supply, Installation & Maintenance of elevators
For the project Shaheed Mohtarma Benazir Bhutto, Accident,
Emergency & Trauma Centre and Ancillary Services Complex,
Civil Hospital, Karachi.

Dear Sir,

Reference to the above mentioned subject and the subsequent tender of the financial bid,
please note the following:-

- MA-
15043
6.6
- Messrs Islamabad Industrial and Trading Corporation had bid for supply and installation of HYUNDAI brand equipment. However it is a matter of interest that the Dumbwaiter quoted by M/s. Islamabad Industrial and Trading Corporation are not of HYUNDAI brand but of some unknown brand with very low quality and prices.
 - We assume that the price quoted will not be evaluated on equal footing to internationally recognized brands.
 - We confirm that all our quoted units are of internationally recognized brands and which is the highest quality.

Hoping to hear from you soon,

Thanking you,

Yours truly,
For ZIAFCO ENGINEERS & CONTRACTORS

(SALMAN ZIA)
EXECUTIVE ENGINEER

- CC: 1. Minister Health, Civil Hospital, Karachi.
2. Secretary Health, Civil Hospital, Karachi.
3. M.D. S.P.P.R.A.
4. Medical Superintendent, Civil Hospital, Karachi.

Head Office: Ziafco House, 96-C 4th floor, 11th Commercial Street, Phase II, (Ext.) DHA, Karachi.
Tel No. 021-35313986 - 88, 021-35313743, Fax : 021-35313727.

Branch Office: 1. Room No. 5,3rd Floor, Majahid Plaza Blue Area, Islamabad-Pakistan. Tel : (0092-51) 2822420
2. Room Nos. 11,12,5th Floor, Davis Hytes, Davis Road, Lahore-Pakistan. Tel: (009242) 6317341



SIGMA
by OTIS, Korea

ZIAFCO

ENGINEERS & CONTRACTORS

REF:ZEC:CHTC:0506/2012-11214

June 5, 2012

Office of the Project Director,
Shaheed Mohtarma Benazir Bhutto,
Accident, Emergency & Trauma Centre and
Ancillary Services Complex, Civil Hospital,
Karachi.

15042
6.6
SUB: Tender for Supply , Installation & Maintenance of elevators
For the project Shaheed Mohtarma Benazir Bhutto, Accident,
Emergency & Trauma Centre and Ancillary Services Complex,
Civil Hospital, Karachi.

Dear Sir,

Reference is to the above mentioned subject and tender opening on 17-5-2012, please note the following:-

- The tender documents were submitted on 17-5-2012 at the premises of Project Director, Shaheed Mohtarma Benazir Vhutto Accient, Emergency & Trauma Center at Civil Hospital, Karachi.
- The tender evaluation was as per "Single Stamp two envelopes procedure as described in SEPRa regulatory Point 24 (2).
- Our bid was technically evaluated and found sufficient and therefore approved for forward opening.
- The tender financial bid was opened on Monday 4th June, 2012 in the presence of your good self and respected members of the evaluation committee and was presided by Additional Medical Superintendent.
- Our bid of Rs. 111,000,000/= for supply & installation of SIGMA elevators from SIGMA Dalian factory was announced and found to be the lowest bid.

Head Office: Ziafco House, 96-C 4th floor, 11th Commercial Street, Phase II, (Ext.) DHA, Karachi.
Tel No. 021-35313986 - 88, 021-35313743, Fax : 021-35313727.

Branch Office: 1. Room No. 5,3rd Floor, Majahid Plaza Blue Area, Islamabad-Pakistan. Tel : (0092-51) 2822420
2. Room Nos. 11,12,5th Floor, Davis Hytes, Davis Road, Lahore-Pakistan. Tel: (009242) 6317341



ZIAFCO

ENGINEERS & CONTRACTORS

- Keeping the above facts in view as per point 49 "Award of Contract" of SEPR regulations the Purchase order should be awarded to us.
- We request that the Purchase order should be issued to us as soon as possible since the US \$ rate against the Pak rupee is increasing sharply.

Hoping to hear from you soon,

Thanking you,

Yours truly,
For ZIAFCO ENGINEERS & CONTRACTORS

(SAJMAN ZIA)
EXECUTIVE ENGINEER

- CC: 1. Minister Health, Civil Hospital, Karachi.
2. Secretary Health, Civil Hospital, Karachi.
3. M.D. S.P.P.R.A.
4. Medical Superintendent, Civil Hospital, Karachi.

Head Office: Ziafco House, 96-C 4th floor, 11th Commercial Street, Phase II, (Ext.) DHA, Karachi.
Tel No. 021-35313986 - 88, 021-35313743, Fax : 021-35313727.

Branch Office: 1. Room No. 5,3rd Floor, Majahid Plaza Blue Area, Islamabad-Pakistan. Tel : (0092-51) 2822420
2. Room Nos. 11,12,5th Floor, Davis Hytes, Davis Road, Lahore-Pakistan. Tel: (009242) 6317341



**OFFICE OF THE PROJECT DIRECTOR
SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and Ancillary
Services Complex at Civil Hospital Karachi**

NO: PD/AEC&ASC/CHK/2012/2001

Dated: 01-06-2012

Manager (Assessment),
Sindh Public Procurement Regulatory Authority,
Karachi

Itemwise reply is as under:-

i) **Technical Evaluation Reports** of items to be procured is attached as under:-

- | | | |
|---|-------|------------------|
| a) CSSD work | ----- | Enclosed at "A". |
| b) Mortuary work | ----- | Enclosed at "B". |
| c) Gen-sets work | ----- | Enclosed at "C". |
| d) Digital Fluoroscopy System | } | Enclosed at "D" |
| e) Digital Ultrasound (Color Doppler & Black & White) | | |
| f) Digital X-Ray (Trauma) | | |

ii) It is correct that few Members did not attend due pre-occupation but Bid Evaluation was signed by them after going through all documents and after satisfying themselves that everything is done as per rules.

iii) As regards prices quoted by lowest bidders for item-3 i.e. Mortuary work, it may be mentioned that the Bid Evaluation Report indicates that M/S BIOS stood lowest by quoting Rs. 11.465 Million against PC-I cost of Rs. 9.031 Million, **but work will be awarded on PC-I Cost i.e. Rs. 9.031 Million.**

- Similarly in the work of Gen-set, M/S Combined Engineering Co. / N.A. Thakur Enterprises stood lowest by quoting Rs. 169.500 Million against PC-I cost of Rs. 165.500 Million **but work will be awarded at PC-I cost i.e. Rs. 165.500 Million.**

iv) Item 2, 4 & 5, the cost quoted on CIF basis has been converted in Pak-rupees which is also in line with the SPPRA-rules 2010 at page 26 of 50 under the heading of **“Evaluation of Bids”** 42/2, which is reproduced below:-

“For the purpose of comparison of bids quoted in different currencies, price shall be converted into a **single currency specified in the bidding documents**. The rate exchange shall be the selling of rates prevailing seven working days before the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan”.

- The above direction of SPPRA has been followed strictly and lowest bidder has been ascertained for award of work.



PROJECT DIRECTOR

TECHNICAL EVALUATION REPORT

Name of Work: “Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of C.S.S.D. SYSTEM” at “Shaheed Mohtarma Benazair Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi”


- The tenders for the above work were called through press and appeared in daily “Dawn” and “Ummat” dated 26-04-2012 (Copies enclosed A & B).
- The advertisement also appeared on SPPRA website with ID 7858 at serial 12243 (Copy enclosed C).
- In response of above following five prospective bidders purchased Tender Documents till closing date:-
 1. M/S Seamac (Pvt.) Ltd.
 2. M/S Summit Intertrade
 3. M/S BIOS
 4. M/S Vertex Enterprises
 5. M/S Radiant Medical (Pvt.) Ltd.
- A Pre-bid Meeting for the above work was held as per schedule i.e. on 14-05-2012 and in response to above meeting an Addendum was issued as a result of discussions with regard to Specifications and other related items.
- The Technical Proposals were opened on 17-05-2012 as per schedule, and only one Bidder namely M/S Summit Intertrade participated.


- INITIAL EVALUATION


- The Initial Technical Evaluation was carried out in the light of "Evaluation Criteria" already existing in Tender Documents on page 8 (Copy enclosed D).
- The above said Bidder secured 76 Marks against required 70 Marks out of total 100 Marks (Initial Evaluation Sheet copy enclosed E)

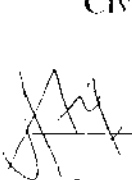
- EVALUATION OF TECHNICAL PROPOSAL

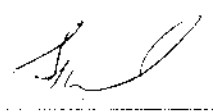
- The Technical Specifications of the Bidder were compared to Technical Specifications in Tender Document (Report at F) and these are almost the same and the Bidder has proposed **GETINGE** from **SWEDEN** which also matches with our given requirement in the Tender Documents for country of origin i.e. USA – Japan – Western Europe or Equivalent.
- In view of above M/S Summit Intertrade have qualified to execute this job and their Financial Proposals may be opened.



 Medical Superintendent
 Civil Hospital Karachi



 Chairperson
 Department of Cardiology



 Chairperson
 Department of Anaesthesia

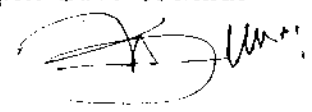

 Chairman
 Department of Neurosurgery


 Project Director


 Addl Director (Development),
 Health Deptt: Govt. of Sindh


 Deputy Director (Development),
 Health Deptt: Govt. of Sindh


 Divisional Accounts Officer
 A.G. Sindh Office


 Accounts Officer
 Civil Hospital Karachi

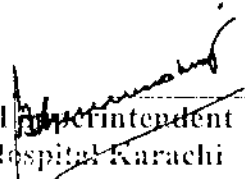
TECHNICAL EVALUATION REPORT


Name of Work: “Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of MORTUARY” at “Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi”

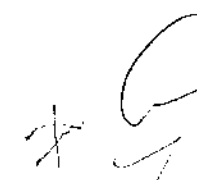
- The tenders for the above work were called through press and appeared in daily “Dawn” and “Ummat” dated 26-04-2012 (Copies enclosed A & B).
- The advertisement also appeared on SPPRA website with ID 7858 at serial 12243 (Copy enclosed C).
- In response of above following six prospective bidders purchased Tender Documents till closing date:-
 1. M/S Summit Intertrade
 2. M/S EM TECH
 3. M/S BIOS
 4. M/S Radiant Medical (Pvt.) Ltd.
 5. M/S SIPPEX Hospital Supplies
 6. M/S Vertex Enterprises
- A Pre-bid Meeting for the above work was held as per schedule i.e. on 14-05-2012 and in response to above meeting an Addendum was issued as a result of discussions with regard to Specifications and other related items.
- The Technical Proposals were opened on 17-05-2012 as per schedule, and only two Bidders namely M/S Summit Intertrade & M/S BIOS participated.

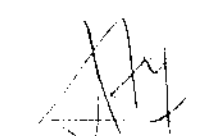
- EVALUATION OF TECHNICAL PROPOSAL


- The Technical Specifications of both the Bidders were compared to Technical Specifications in Tender Document (Report at D) and these are almost the same and M/S Summit Intertrade have proposed the Mortuary from Italy and M/S BIOS have proposed the same from U.K.
- Both the Systems match with the given requirement in the Tender Document for country of origin i.e. Japan – USA -- Western Europe or Equivalent.
- In view of above M/S Summit Intertrade and M/S BIOS have qualified to execute this job and their Financial Proposals may be opened.



 Medical Superintendent
 Civil Hospital Karachi

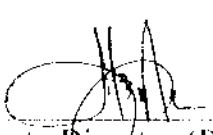

 Chairperson
 Department of Cardiology



 Chairperson
 Department of Anaesthesia

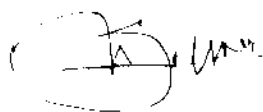

 Chairman
 Department of Neurosurgery


 Project Director


 Addl Director (Development),
 Health Deptt: Govt. of Sindh


 Deputy Director (Development),
 Health Deptt: Govt. of Sindh


 Divisional Accounts Officer
 A.G. Sindh Office


 Accounts Officer
 Civil Hospital Karachi

TECHNICAL EVALUATION REPORT

Name of Work: “Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of Gas & Diesel Generating Sets” at “Shaheed Mohtarma Benazair Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi”

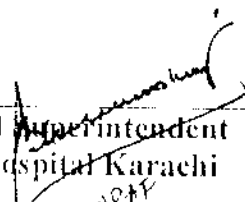

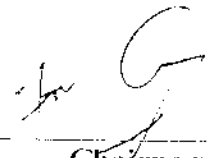
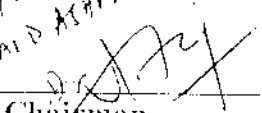

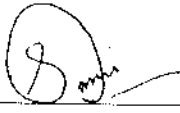
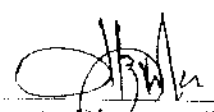
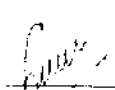

- The tenders for the above work were called through press and appeared in daily “Dawn” and “Ummat” dated 26-04-2012 (Copies enclosed A & B).
- The advertisement also appeared on SPPRA website with ID 7858 at serial 12243 (Copy enclosed C).
- In response of above following seven prospective bidders purchased Tender Documents till closing date:-
 1. M/S Jaffer & Co.
 2. M/S Imperial Electric Co. (Pvt.) Ltd.
 3. M/S Electra System (Pvt.) Ltd.
 4. M/S Orient Energy Systems (Pvt.) Ltd.
 5. M/S Allied Engineering & Services (Pvt.) Ltd.
 6. M/S Jeevajee (Pvt.) Ltd.
 7. M/S Combined Engineering Co. & NA Thakur Enterprises.
- A Pre-bid Meeting for the above work was held as per schedule i.e. on 14-05-2012 and in response to above meeting an Addendum was issued as a result of discussions with regard to Specifications and other related items.
- The Technical Proposals were opened on 17-05-2012 as per schedule, and only one Bidder namely M/S Combined Engineering Co/M/S NA Thakur Enterprises (JV) participated.

• INITIAL EVALUATION

- The Initial Technical Evaluation was carried out in the light of "Evaluation Criteria" already existing in Tender Documents on page 8 & 9 (Copies enclosed D & E).
- The above said Bidder secured 77 Marks against required 70 Marks out of total 100 Marks (Initial Evaluation Sheet copy enclosed F)

• EVALUATION OF TECHNICAL PROPOSAL

- The Technical Specifications of the Bidder were compared to Technical Specifications in Tender Document (Report at G) and these are almost the same and the Bidder has proposed CUMMINS Gen-sets of Gas & Diesel from UK which also matches with our given requirement in the Tender Documents for country of origin i.e. USA - UK - Germany or Equivalent.
- In view of above M/S Combined Engineering Co/M/S NA Thakur Enterprises (JV) have qualified to execute this job and their Financial Proposals may be opened.

| | | |
|---|---|--|
|  Medical Superintendent Civil Hospital Karachi |  Chairperson Department of Cardiology |  Chairperson Department of Anaesthesia |
|  Chairman Department of Neurosurgery |  Project Director |  Addl. Director (Development), Health Deptt: Govt. of Sindh |
|  Deputy Director (Development), Health Deptt: Govt. of Sindh |  Divisional Accounts Officer A.G. Sindh Office |  Accounts Officer Civil Hospital Karachi |

TECHNICAL EVALUATION REPORTS

SUBJECT: TENDERS OF THE WORKS RELATED TO THE PROJECT SHAHEED MOHTARMA BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTER AND ANCILLARY SERVICES COMPLEX AT CIVIL HOSPITAL KARACHI

- A. Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of DIGITAL FLUOROSCOPY SYSTEM at "Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi.

 - B. Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of DIGITAL ULTRASOUND at "Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi.

 - C. Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) of DIGITAL X-RAY (TRAUMA) at "Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi.
1. The Tenders for the above works were called through press & appeared in Dawn & Ummat dated 26-04-2012 (Copies enclosed "A" & "B")

 2. The advertisement also appeared on SPPRA website with ID 7858 at serial 12243 (copy at "C"):

 3. As regard work at Serial no. A, following Seven bidders purchased Tenders Documents till closing date:-
 - 1) M/S ALLMED Solutions
 - 2) M/S Technology Links (Pvt.) Ltd.
 - 3) M/S BIOS
 - 4) M/S Mediquips SMC
 - 5) M/S Universal Enterprises

- 6) M/S Siemens (Pakistan) Engineering Co. Ltd.
- 7) M/S Shirazi Trading

- A pre-bid meeting for the above work was held as per schedule i.e. on 14-05-2012.
- The Technical Proposals were opened on 17-05-2012 as per schedule and following participated:-

1. M/S Technology Links (Pvt.) Ltd.
2. M/S BIOS
3. M/S Universal Enterprises

- **EVALUATION OF TECHNICAL PROPOSAL**

- The Technical Specification of all the three Bidders were compared to the Technical Specification in the Tender Documents and these were almost the same.
- In view of above all the Three above were qualified.

4. As regard work at Serial no. B, following Five bidders purchased Tenders Documents till closing date:-

- 1) M/S ALLMED Solutions
- 2) M/S Mediquips SMC
- 3) M/S Hospital Supply Corporation
- 4) M/S Bio-Tech Pakistan
- 5) M/S Shirazi Trading

- A pre-bid meeting for the above work was held as per schedule i.e. on 14-05-2012.
- This tenders is in two parts.

- a) Color Doppler
- b) Black & White

- The Technical Proposals were opened on 17-05-2012 as per schedule and following participated:-

1. M/S ALLMED Solutions
2. M/S Mediquips SMC
3. M/S Hospital Supply Corporation

- **EVALUATION OF TECHNICAL PROPOSAL**

- The Technical Specification of all the three Bidders were compared to the Technical Specification in the Tender Documents and these were almost the same.
- In view of above all the Three above were qualified for opening of Financial Proposal.

5. As regard work at Serial no. C, following Five bidders purchased Tenders Documents till closing date:-


1. M/S ALLMED Solutions
2. M/S Universal Enterprises
3. M/S Technology Links (Pvt.) Ltd.
4. M/S BIOS
5. M/S Mediquips SMC
6. M/S Siemens Pakistan Engineering Co. Ltd.
7. M/S Bio-Tech Pakistan (Pvt.) Ltd.
8. M/S Shirazi Trading Co. (Pvt.) Ltd.

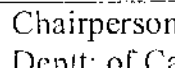
- A pre-bid meeting for the above work was held as per schedule i.e. on 14-05-2012.
- The Technical Proposals were opened on 17-05-2012 as per schedule and following participated:-

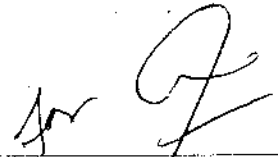
- 1) M/S BIOS
- 2) M/S Shirazi Trading Co.
- 3) M/S Mediquips SMC
- 4) M/S Universal Enterprises

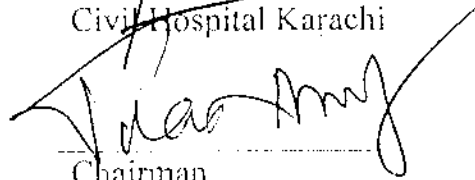
• **EVALUATION OF TECHNICAL PROPOSAL**

- The Technical Specification of all the four Bidders were compared to the Technical Specification in the Tender Documents and these were almost the same.
- In view of above all the Four above were qualified for opening of Financial Proposal.

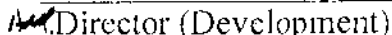

Medical Superintendent
Civil Hospital Karachi



Chairperson
Deptt: of Cardiology,


Chairperson Deptt: of
Anaesthesia

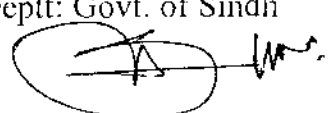

Chairman
Deptt: of Neurosurgery


Project Director


Asst. Director (Development)
Health Deptt: Govt. of Sindh


Deputy Director (Dev),
Health Deptt: Govt. of Sindh


Divisional Accounts Officer
A.G. Sindh Office


Accounts Officer
Civil Hospital Karachi

**SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and
Ancillary Services Complex at Civil Hospital, Karachi**

TENDER NOTICE

Civil Hospital Karachi invites sealed bids on Single-Stage - Two-Envelope procedure as per Sindh Public Procurement Regulatory Authority Rules from the Manufacturers / Importers / Sole Agents / Contractors for the following works in Civil Hospital, Karachi.

A. MEDICAL EQUIPMENTS

| S. No. | Name of Work | Bidding Document Cost (Rs.) | Earnest Money/ Tender Security | Tender Purchasing Date on or before | Date of Opening | Time of Completion of Works | Pre-Bid Meeting Date |
|--------|---|-----------------------------|--------------------------------|-------------------------------------|-----------------|-----------------------------|----------------------|
| 1. | Supply, Installation, Testing, Commissioning and Maintenance (during warranty period) of C.S.S.D. SYSTEM at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 6000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 2. | Supply, Installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL FLUOROSCOPY SYSTEM at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 3. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of MORTUARY at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 4. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL ULTRASOUND at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 5. | Supply, installation, Testing, Commissioning & Maintenance (during warranty period) of DIGITAL X-RAY (TRAUMA) at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |

B. MACHINERY

| S. No. | Name of Work | Bidding Document Cost (Rs.) | Earnest Money/ Tender Security | Tender Purchasing Date on or before | Date of Opening | Time of Completion of Works | Pre-Bid Meeting Date |
|--------|---|-----------------------------|--------------------------------|-------------------------------------|-----------------|-----------------------------|----------------------|
| 6. | Supply, Installation, Testing, Commissioning & Maintenance (during maintenance period) of GAS & DIESEL GENERATING SETS at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |
| 7. | Supply, Installation, Testing, Commissioning & Maintenance (during maintenance period) of ELEVATORS at "Shaheed Mohtarma Benazir Bhutto, Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi". | 5000/- | 2% of Bid Amount | 11.05.2012 | 17.05.2012 | Six (6) Months | 14.05.2012 |

- A complete set of Tender Documents containing BOQ, Specifications and Terms & Conditions can be purchased from the Office of the Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi through Pay Order of Rs. 5000/- in favour of Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi on submission of application along with copy of NTN Certificate.
- The bid must be delivered on the respective dates by 11:00 a.m. in the Board Room of the Administration Block of Civil Hospital, Karachi, situated on second floor.
- These bids will be opened publicly at 12:00 noon on the same day in the presence of bidders or their authorized representatives who choose to attend at the place of submission.
- Technical and Financial proposals should be submitted in separate envelopes and both should be sealed in third envelope.
- All quotations shall include Government Taxes (if applicable) and these will be deducted from the bills, according to Government Rules.
- Bid Security @ 2% of total value of the quoted items by firms in shape of Pay Order / Demand Draft must be attached with "Financial Bid" in favour of the Project Director, Shaheed Mohtarma Benazir Bhutto Accident, Emergency & Trauma Centre and Ancillary Services Complex at Civil Hospital, Karachi.
- In case of announcement of public holiday or any unfavourable circumstances, the tenders / bids will be opened on the next working day.

DANNY 26-04-2012

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|--------------|-----------|-----------|-----------|---------|---|
| 14-5-2012 LG | 17-5-2012 | 11-5-2012 | 2% of Bid | 50000/= | ترتیل، تنصیب، چارج، کنٹریکٹ اور مینیٹنس (دوران مدت وارنٹی) برائے ڈیپلنگ اور سرے (لٹا) سسٹم برہم "شہید مختار" ہے بھون، ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی |
| | | | | Amount | |

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| 14-5-2012 LG | 17-5-2012 | 11-5-2012 | 2% of Bid | 50000/= | ترتیل، تنصیب، چارج، کنٹریکٹ اور مینیٹنس (دوران مدت وارنٹی) برائے کیمس و ایل جریٹنگ سٹ سسٹم برہم "شہید مختار" ہے بھون، ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی |
| | | | | Amount | |

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| 14-5-2012 LG | 17-5-2012 | 11-5-2012 | 2% of Bid | 50000/= | ترتیل، تنصیب، چارج، کنٹریکٹ اور مینیٹنس (دوران مدت وارنٹی) برائے ڈیپلنگ اور گورڈنگ سسٹم برہم "شہید مختار" ہے بھون، ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی |
| | | | | Amount | |

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| 14-5-2012 LG | 17-5-2012 | 11-5-2012 | 2% of Bid | 50000/= | ترتیل، تنصیب، چارج، کنٹریکٹ اور مینیٹنس (دوران مدت وارنٹی) برائے سرجری سسٹم برہم "شہید مختار" ہے بھون، ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی |
| | | | | Amount | |

1- فیڈر دستاویزات کا مکمل سیٹ جمع لیا اور گورنمنٹ اور ڈسٹریکٹ ڈائریکٹ ڈائریکٹریٹ میں مقررہ ہے نظر ہونا ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اور ہسپتالی سرورسز چیکس سول اسپتال کراچی میں۔ ہومس بے آڈر مبلغ 5000 روپے تک پر ڈیکٹ ڈائریکٹریٹ میں مقرر ہونا ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اور ہسپتالی سرورسز چیکس سول اسپتال کراچی میں۔ درخواست اور ایف بی کی سر تقیث کی نقل حاصل کیا جا سکتا ہے۔

2- بولی کی دستاویزات متعلقہ تاریخوں پر صبح 11 بجے تک پور ڈراما سسٹم میں باک سول، پتہ ل کراچی، داغ دوسری منزل میں جمع کرا دی جائیں۔

3- پولیس سرعام دو پیر 12 بجے اسی دن بولی دہندگان یا ان کے نمبردارانہ کال ہوگی اس وقت موجود رہنے کے خواہشمند ہوں کو بولی جائیگی۔

4- ٹیکنیکل اور فنانشل پولیس بلڈنگ ڈیفنڈنٹوں میں بندر کے ایک تیسرے حصے میں سر جریٹنگ کی جائیگی۔

5- تمام کوٹیشنز پر (اگر ضروری ہو) تکنیکی گیسوں کا 10 گالون ہوگا اور ان گیسوں کی کوٹنگی قواعد کے مطابق ہوں سے کوئی کی جائے گی۔

6- بولی کی ضمانت 2 فیصد متناسب کل لاگت برائے کوڈ اشیاء بصورت ہے اور ڈاؤن ڈیٹ اور ایف بی پر ڈیکٹ ڈائریکٹریٹ میں مقررہ ہے نظر ہونا ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی میں فنانشل پولیسوں کے ساتھ منسلک کی جائے۔

7- اگر فیڈر کرائی کے دن حکومت کی جانب سے عام تعطیل کا اعلان کروا جائے یا کسی دیگر ناگزیر وجوہات کی بنا پر بھولی ہو جائے تو کام کے اگلے دن فیڈر رکھنے کو ہائے جائیگی۔

میڈیکل سپرنٹنڈنٹ
سول اسپتال
کراچی
 INF/KRY/1810/12

تمہارا ذمہ داری ہے کہ اس دن 2002 کے تحت فراہم کیے گئے ہیں۔

26/11/2012

شہید مختار مہ لے نظیر بھٹو
 ایکسیڈنٹ، ایمرجنسی و ڈراما سینٹر اینڈ ڈیپلنگ سرورسز
کمپلیکس سول اسپتال کراچی



سول اسپتال کراچی کو سونپنے کی ذمہ داری سول اسپتال کراچی کی طرف سے ہے اور وہ گورنمنٹ اور ڈیپلنگ سرورسز چیکس سول اسپتال کراچی میں۔ ہومس بے آڈر مبلغ 5000 روپے تک پر ڈیکٹ ڈائریکٹریٹ میں مقرر ہونا ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اور ہسپتالی سرورسز چیکس سول اسپتال کراچی میں۔ درخواست اور ایف بی کی سر تقیث کی نقل حاصل کیا جا سکتا ہے۔

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| 14-5-2012 LG | 17-5-2012 | 11-5-2012 | 2% of Bid | 50000/= | ترتیل، تنصیب، چارج، کنٹریکٹ اور مینیٹنس (دوران مدت وارنٹی) برائے ڈیپلنگ اور سرے (لٹا) سسٹم برہم "شہید مختار" ہے بھون، ایکٹیوٹ، ایمرجنسی ڈراما سینٹر اینڈ ہسپتالی سرورسز چیکس سول اسپتال کراچی |
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| | | | | Amount | |



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| 12243 | 1956 SPPRA ID WITH FIELD | CMI Hospital Sheheed Muhtarame Qasab ghulla AETCAS Complex at CMI Hospital Karachi | | 23 Apr 2012 | 23 Apr 2012 | 17 May 2012 | | Infirmities conveyed compliance required |

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