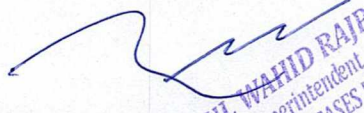



BID EVALUATION REPORT

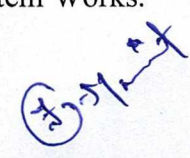
1. Name of Procuring Agency: Sindh Infectious Diseases Hospital & Research Centre, Nipa Karachi
2. Tender Reference No. Ref No. DIR(W&S-DUHS/SIDH&RC)/NIT-07 Dt: 20th Mar, 2025
3. Tender Description: Operation, Running, Repair And Maintenance Of HVAC Equipment & Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Works.
4. Method of Procurement: Single Stage – Two Envelope, Clause 46 (2) of SPPRA 10 (Amended up to date)
5. Tender Published:
 - a. DUHS and SPPRA websites at PPMS
EPADS-S-250331870
 - b. Daily Dawn (English language newspaper) on 22-03-2025
Daily Jang (Urdu language newspaper) on 22-03-2025
Daily Awami Awaz (Sindhi language newspaper) on 22-03-2025
6. Total Bid Documents Sold: One (01) No.
7. Total Bid Received: One (01) No.
8. Technical Bid Opening date: 10th April, 2025 at 11:30 am.
9. No. of Bid Technically qualified: One (01) No.
10. Bid(s) Rejected: Nil
11. Financial Bid Opening Date: April, 2025 at 11:05 am.
12. Bid Evaluation Report: Attached Annexure A,B & C

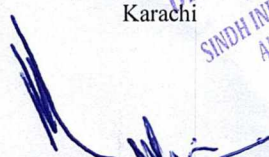
Recommendations & Remarks:

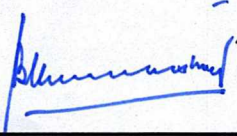
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Dr. Abdul Wahid Rajput (Chairman)
Medical Superintendent, SIDH&RC-Nipa
Karachi


Dr. Muhammad Khalid Shafi
(Member)

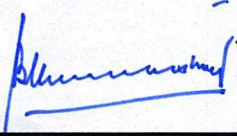

Mr. Furkan Hyder (Member)
Consultant Anaesthesiologist,
SIDH&RC-Nipa Karachi

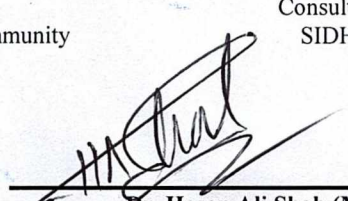

Mr. Abdul Rahim Khan (Member)
Project Director, Planning & Development
DUHS


Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


Dr. Hasan Ali Shah (Member)
Anaesthesiologist, SIDH&RC-Nipa Karachi

ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


Prof. Muhammad Saeed Quraishy
VICE CHANCELLOR
Dow University of Health Sciences


DR. HASAN ALI SHAH
MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
& RESEARCH CENTER-KHI


Summary of Technical and Financial Evaluation:

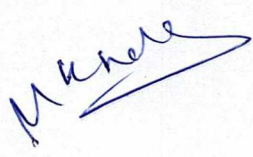
After combined technical and financial evaluation of proposal and arithmetic calculation the result is as under:


S.No	Name of Company	Technical Marks (TM)	TM x (0.7) (70%)	Total Bid amount	Bid security	Name of Bank. Pay order # & date	Financial marks lowest price / quoted price x 30 (30%)	Total marks (4+8)	Remarks
1	2	3	4	5	6	7	8	9	10
1	United Construction Co.	91	63.7	7,9881,120/-	4,500,000/-	Meezan Bank. PO# 06076080. Dt:05-04-25	30	93.70	Bid Accepted

Recommendations & Remarks:

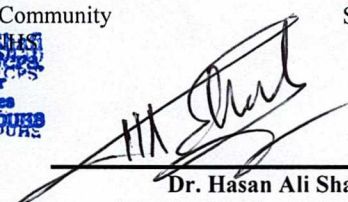
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Medical Superintendent SIDH&RC-Nipa
Karachi

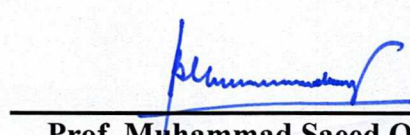

Dr. Muhammad Khalid Shafi (Member)
Associate Professor, Community


Mr. Furkan Hyder (Member)
Consultant Anaesthesiologist,
SIDH&RC-Nipa Karachi


Mr. Abdul Rahim Khan (Member)
Project Director, Planning & Development
DUHS
ENGR. ABDUL RAHIM KHAN
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Dr. Hasan Ali Shah (Member)
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Dow University of Health Sciences

VICE CHANCELLOR
Dow University of Health Sciences
Karachi-Pakistan

MINUTES OF TECHNICAL E-BID OPENING MEETING

OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT AND BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS, ELECTRICAL WORKS & GENERATOR SYSTEM WORKS.

NIT NO. DIR(W&S-DUHS/SIDH&RC)/NIT-2024-25/1453, DATED: MAR 20, 2025

REF NO: DIR(W&S-DUHS/SIDH&RC)-NIT-07, EPADS ID: S-250331870

The bids were submitted online through E-PADS SPPRA and the procurement committee open the technical bids online on 10th April, 2025 at 12:00 noon for " **Operation, Running, Repair And Maintenance Of HVAC Equipment And Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Work**, Ref# DIR(W&S-DUHS/SIDH&RC)-NIT-07, Dated: Mar 20, 2025, EPAD ID: S-250331870.


The participants include:

PROCUREMENT COMMITTEE:

1. Dr. Abdul Wahid Rajput

Medical Superintendent SIDH&RC / Chairman

Sindh Infectious Diseases Hospital & Research Centre, Karachi


Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS

2. Dr. Muhammad Khalid Shafi

Associate Professor DUHS / Member

Dow University of Health Sciences, Karachi

3. Engr. Abdul Rahim Khan

Project Director (W&S) / Member

Dow University of Health Sciences, Karachi

4. Dr. Furkan Hyder

Consultants Anesthesiologist SIDH&RC / Member

Sindh Infectious Diseases Hospital & Research Centre, Karachi

5. Dr. Hasan Ali Shah

Anesthesiologist SIDH&RC / Member

Sindh Infectious Diseases Hospital & Research Centre, Karachi


DR. FURKAN HYDER
Consultant
MBBS FCPS (Anaesthesia)
SINDH INFECTIOUS DISEASES HOSPITAL
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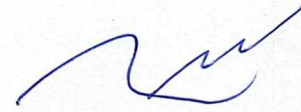
PARTICIPANT BIDDERS WHO SUBMITTED ONLINE BIDS:

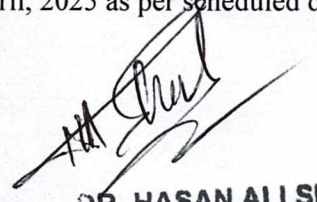
1. M/s United Construction Co. Karachi

Notice Inviting Tender NIT NO. DIR(W&S-DUHS/SIDH&RC)/NIT-2024-25/1453, Dated: MAR 20, 2025, Ref No. DIR(W&S-DUHS/SIDH&RC)-NIT-07, was hoisted on the DUHS and SPPRA website <https://sindh.eprocure.gov.pk/> EPADS ID: S-250331870 and the same was published in 3 widely circulated leading daily newspapers in English, Urdu and Sindhi languages viz. Daily Dawn, Daily Jang and Awami Awaz on 22nd Mar, 2025.

The online receipt of bid was closed at 10:00 am on 10th April, 2025 as per scheduled date and time.


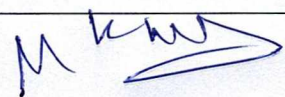
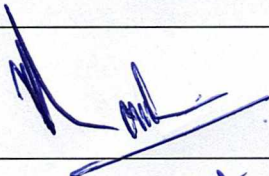



ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


DR. ABDUL WAHID RAJPUT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


DR. HASAN ALI SHAH
MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

Only One (01) bidder had submitted online bid. The technical bid was opened online through E-PADS. As per bid evaluation criteria only technical bid was opened and evaluated, without reference to the price and reject any proposal which does not fulfill the mandatory criteria of the bidding document

Financial Bid / Proposal of technically qualified bids shall be opened through online on EPAD system. Financial Bid / Proposal found that technically disqualified / non-responsive their bid security shall be returned un-opened to the respective bidder(s). Accordingly, to evaluate the bid in depth, preliminary examination of the bids were made by the procurement committee.

1	Dr. Abdul Wahid Rajput (Medical Superintendent SIDH&RC / Chairman)	
2	Dr. Muhammad Khalid Shafi (Associate Professor DUHS / Member)	
3	Engr. Abdul Rahim Khan Project Director (W&S) / Member	
4	Dr. Furkan Hyder Consultants Anesthesiologist SIDH&RC / Member	
5	Dr. Hasan Ali Shah Anesthesiologist SIDH&RC / Member	

MINUTES OF FINANCIAL E-BID OPENING MEETING

OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT AND BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS, ELECTRICAL WORKS & GENERATOR SYSTEM WORKS.

NIT NO. DIR(W&S-DUHS/SIDH&RC)/NIT-2024-25/1453, DATED: MAR 20, 2025

REF NO: DIR(W&S-DUHS/SIDH&RC)-NIT-07, EPADS ID: S-250331870

The bid was submitted online through EPADS SPPRA and the procurement committee online open the financial bid of technically qualified bidder on 21st April, 2025 at 11:05 am for "Operation, Running, Repair And Maintenance Of HVAC Equipment And Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Work, Ref# DIR(W&S-DUHS/SIDH&RC)-NIT-07, EPAD ID: S-250331870.

The participants include:

PROCUREMENT COMMITTEE:

1. Dr. Abdul Wahid Rajput

Medical Superintendent SIDH&RC / Chairman

Sindh Infectious Diseases Hospital & Research Centre, Karachi

2. Dr. Muhammad Khalid Shafi

Associate Professor DUHS / Member

Dow University of Health Sciences, Karachi

3. Engr. Abdul Rahim Khan

Project Director (W&S) / Member

Dow University of Health Sciences, Karachi

4. Dr. Furkan Hyder

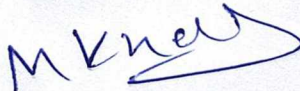
Consultants Anesthesiologist SIDH&RC / Member

Sindh Infectious Diseases Hospital & Research Centre, Karachi

5. Dr. Hasan Ali Shah


Anesthesiologist SIDH&RC / Member


Sindh Infectious Diseases Hospital & Research Centre, Karachi



Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPs,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS

After the entire mandatory and technical evaluation of participated bidder had technically qualified in the bidding process. Bidder's mandatory evaluation report attached as Annexure-A. The technical evaluation criteria report attached as annexure-B. The financial proposal summary report attached as Annexure-C. Sealed envelopes of 5% bid security of bidder was documented in the bid evaluation report (BER).


ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


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MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
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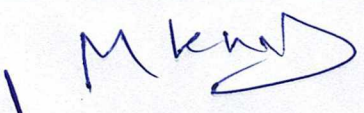

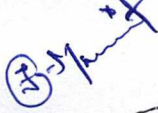
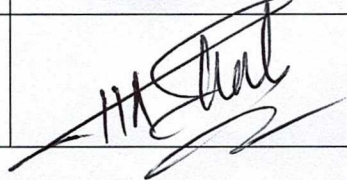
Summary of Technical and Financial Evaluation:

After combined technical and financial evaluation of proposal and arithmetic calculation the result is as under:

S.No	Name of Company	Technical Marks (TM)	TM x (0.7) (70%)	Total Bid amount	Bid security	Name of Bank. Pay order # & date	Financial marks lowest price / quoted price x 30 (30%)	Total marks (4+8)	Remarks
1	2	3	4	5	6	7	8	9	10
1	United Construction Co.	91	63.7	7,9881,120/-	4,500,000/-	Meezan Bank. PO# 06076080. Dt:05-04-25	30	93.70	Bid Accepted

Recommendations & Remarks:

Based on the comprehensive evaluation result, including Technical and Financial assessment, the United Construction Co. has accepted being the most advantageous bid & recommendation for award of Contract. Therefore, it is recommended that contract may be awarded to M/S United Construction Co. for Operation, Running, Repair And Maintenance Of HVAC Equipment & Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Works.

S.NO.	NAME OF MEMBERS	SIGNATURE
1	Dr. Abdul Wahid Rajput (Medical Superintendent SIDH&RC / Chairman)	
2	Dr. Muhammad Khalid Shafi (Associate Professor DUHS / Member)	
3	Engr. Abdul Rahim Khan Project Director (W&S) / Member	
4	Dr. Furkan Hyder Consultants Anesthesiologist SIDH&RC / Member	
5	Dr. Hasan Ali Shah Anesthesiologist SIDH&RC / Member	


**OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT & BUILDING
MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS,
ELECTRICAL WORKS & GENERATOR SYSTEM WORKS.
REF NO. DIR(W&S-DUHS/SIDH&RC)-NIT-07**


Annexure-C


S.No	Description	M/s United Construction Co.	
		Total Amount Per month	Total Amount Per year
1	HVAC & BMIS (A)	3,132,130	37,585,560
2	General Maintenance Work / Civil + Plumbing (B)	1,659,150	19,909,800
3	Electrical & Generator System Works (C)	1,865,480	22,385,760
	TOTAL AMOUNT	6,656,760	79,881,120


ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


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Dr. Muhammad Khalid Shah
MBBS. DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


**OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT & BUILDING
MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS,
ELECTRICAL WORKS & GENERATOR SYSTEM WORKS.
REF NO. DIR(W&S-DUHS/SIDH&RC)-NIT-07**

S.No	Description	M/s United Construction Co.	
		Total Amount Per month	Total Amount Per year
1	Chiller Operations (A1)	701,090	8,413,080
2	Preventive Maintenance, Troubleshooting strength. (A2)	1,857,590	22,291,080
3	Building Management Information System (A3)	573,450	6,881,400
	TOTAL HVAC & BMIS (A)	3,132,130	37,585,560


ENGR. ABDUL RAHIM KHAN
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Works & Services Department
Dow University of Health Sciences
Karachi


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AND RESEARCH CENTER-KHI





Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


Table A1		M/s United Construction Co.			
S. #	Description	Qty	Salary per Person	Total Amount per Month	Total Amount per Year
Chiller Operations Team:					
1	Plant In charge	1	148,610	148,610	1,783,320
2	Chiller Operator	4	73,430	293,720	3,524,640
3	Chiller Helper	4	64,690	258,760	3,105,120
TOTAL A1		9		701,090	8,413,080


Table A2		M/s United Construction Co.			
S.#	Description	Qty.	Salary per Person	Total Amount per Month	Total Amount per Year
Preventive Maintenance, Troubleshooting strength:					
1	Industrial Electrician	1	113,640	113,640	1,363,680
2	Industrial Electrician Helper	1	66,440	66,440	797,280
3	Sr. Split AC Technician	2	83,920	167,840	2,014,080
4	Split AC Technician	2	69,060	138,120	1,657,440
5	Refrigerator Technician	1	69,060	69,060	828,720
6	HVAC Technician	4	83,920	335,680	4,028,160
7	HVAC Technician Helper	4	66,440	265,760	3,189,120
8	General Fitter / Welder & Fabricator	1	78,670	78,670	944,040
9	General Fitter Helper	1	66,440	66,440	797,280
10	Duct Man / Insulator	2	73,430	146,860	1,762,320
11	Lift Operator	6	68,180	409,080	4,908,960
TOTAL A2		25		1,857,590	22,291,080


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 Dow University of Health Sciences
 Karachi


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 ANAESTHESIOLOGIST
 SINDH INFECTIOUS DISEASES HOSPITAL
 AND RESEARCH CENTER-KHI


BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS)


Table A3		M/s United Construction Co.			
S.#	Description	Qty.	Salary per Person	Total Amount per Month	Total Amount per Year
1	BMS In charge /Supervisor	1	104,900	104,900	1,258,800
2	BMS Technicians	3	69,930	209,790	2,517,480
3	BMS Operator	4	64,690	258,760	3,105,120
	TOTAL A3			573,450	6,881,400


DR. FURKAN HYDER
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Associate Professor
Community Health Sciences
New Medical College Karachi DUES


GENERAL MAINTENANCE (Civil & Plumbing Works)


Table B		M/s United Construction Co.			
S.#	Description	Qty.	Salary per Person	Total Amount per Month	Total Amount per Year
1	Supervisor	1	166,090	166,090	1,993,080
2	Pump Operator cum technician	2	67,310	134,620	1,615,440
3	General Skilled Labor	3	67,310	201,930	2,423,160
4	Welder	1	67,310	67,310	807,720
5	Plumber	2	73,430	146,860	1,762,320
6	Mason	1	67,310	67,310	807,720
7	Mason Helper	2	67,310	134,620	1,615,440
8	Painter	1	67,310	67,310	807,720
9	Gardener (Skilled Mali)	1	67,310	67,310	807,720
10	Carpenter	1	67,310	67,310	807,720
11	Carpenter's Helper	2	67,310	134,620	1,615,440
12	R.O. Operator		113,640	-	-
13	Fire Panel Operator	3	67,310	201,930	2,423,160
14	Fire Fighter / Fireman	3	67,310	201,930	2,423,160
	TOTAL AMOUNT (B)	23		1,659,150	19,909,800


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**OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT & BUILDING
MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS,
ELECTRICAL WORKS & GENERATOR SYSTEM WORKS.
REF NO. DIR(W&S-DUHS/SIDH&RC)-NIT-07**

S.No	Description	M/s United Construction Co.	
		Total Amount Per month	Total Amount Per year
1	Electrical Works. (C1)	1,199,390	14,392,680
2	Power Generation System Works - GENSET (C2)	666,090	7,993,080
	TOTAL ELECTRICAL & GENERATOR SYSTEM (C)	1,865,480	22,385,760

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DR. ABDUL WAHID RAJPUT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

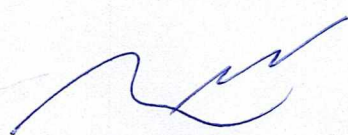
DR. HASAN ALI SHAH
MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUBS


ELECTRICAL WORKS

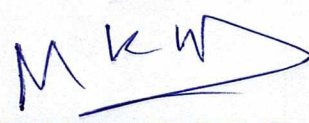
Table C1		M/s United Construction Co.			
S.#	Description	Qty.	Salary per Person	Total Amount per Month	Total Amount per Year
1	Electrical Supervisor	1	157,350	157,350	1,888,200
2	Electrical Technicians Control	1	118,880	118,880	1,426,560
2	Electrical Technicians	6	87,420	524,520	6,294,240
3	Electrical Helpers	6	66,440	398,640	4,783,680
	TOTAL AMOUNT (C1)	14		1,199,390	14,392,680


ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


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Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTRE-KHI


DR. FURKAN HYDER
Consultant
MBBS FCPS (Anaesthesia)
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

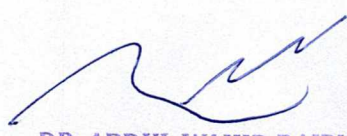

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MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTRE-KHI

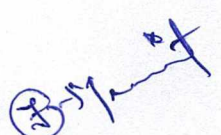

Dr. Muhammad Khalid Shafi
MBBS. DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


POWER GENERATION SYSTEM - (GENSET)


Table C2		M/s United Construction Co.			
S.#	Description	Qty.	Salary per Person	Total Amount per Month	Total Amount per Year
1	Power Generation Supervisor	1	157,350	157,350	1,888,200
2	Diesel Genset Technicians	6	84,790	508,740	6,104,880
	TOTAL AMOUNT (C2)	7		666,090	7,993,080


ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi


DR. ABDUL WAHID RAJPUT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


DR. FURKAN HYDER
Consultant
MBBS FCPS (Anaesthesia)
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


DR. HASAN ALI SHAH
MBBS-(FCPS)
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

HVAC MATERIAL

S.#	Item Description	Unit	Qty.	Rate	Amount
1	Gas R-22 (Make: Usa/Honeywell) 13.5 Kg	Cylinder	1	87,100	87,100
2	Gas R-410-A (Make: Usa/Honeywell) 11 Kg	Cylinder	1	80,400	80,400
3	Gas R-134-A (Make: Usa/Honeywell) 11 Kg	Cylinder	1	63,650	63,650
4	Gas R-404-A (Make: Usa/Honeywell) 10.9 Kg	Cylinder	1	90,450	90,450
5	Compressor Oil R-22 (Make: Suniso Original/Shell) 4 Litre	Gallon	1	8,710	8,710
6	Compressor Oil R-410 (Make: Suniso Original/Shell) 4 Litre	Gallon	1	8,380	8,380
7	Compressor Oil R-404 (Make: Suniso Original/Shell) 4 Litre	Gallon	1	8,710	8,710
8	Compressor Oil R-134 (Make: Suniso Original/Shell) 4 Litre	Gallon	1	8,710	8,710
9	Compressor 1.0 Ton Rotary	No.	1	43,550	43,550
10	Compressor 1.5 Ton Rotary	No.	1	53,600	53,600
11	Compressor 2.0 Ton Rotary	No.	1	67,000	67,000
12	Compressor 4.0 Ton Scroll & Rotary	No.	1	418,750	418,750
13	Used Compressor 4.0 Ton Scroll & Rotary	No.	1	92,130	92,130
14	Compressor 6.0 Ton Scroll Double Stage Suction Copland	No.	1	670,000	670,000
15	Used Compressor 6.0 Ton Scroll Double Stage Suction Copland	No.	1	125,630	125,630
16	Compressor 12.0 Ton Scroll	No.	1	921,250	921,250
17	Used Compressor 12.0 Ton Scroll	No.	1	201,000	201,000
18	Compressor 7.0 Ton Inverter	No.	1	670,000	670,000
19	Used Compressor 7.0 Ton Inverter	No.	1	234,500	234,500
20	Compressor Leads (R C S)	No.	1	2,180	2,180
21	Capacitor (Make: Fuji) 50uf	No.	1	2,510	2,510
22	Capacitor (Make: Fuji) 60uf	No.	1	840	840
23	Capacitor (Make: Fuji) 2.5uf	No.	1	250	250
24	Capacitor (Make: Fuji) 3.5uf	No.	1	250	250
25	Capacitor (Make: Fuji) 4.5uf	No.	1	250	250
26	Capacitor (Make: Fuji) 5.0uf	No.	1	420	420
27	Capacitor (Make: Fuji) 8.0uf	No.	1	1,010	1,010
28	Capacitor (Make: Fuji) 10uf	No.	1	1,010	1,010
29	Contactor Single Phase 16 Amp 2-Pole	No.	1	3,020	3,020
30	Contactor Single Phase 20 Amp 1-Pole	No.	1	4,020	4,020
31	Contactor Single Phase 20 Amp 2-Pole	No.	1	4,020	4,020
32	Contactor Three Phase 32 Amp 3-Pole	No.	1	7,540	7,540
33	Gas Charging Valve 1/4" (Make: China)	No.	1	2,010	2,010
34	Gas Charging Valve 1/2" (Make: China)	No.	1	2,680	2,680
35	Gas Charging Valve 3/8" (Make: China)	No.	1	3,180	3,180
36	Gas Charging Valve 5/8" (Make: China)	No.	1	3,690	3,690
37	Gas Charging Valve 3/4" (Make: China)	No.	1	4,360	4,360

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MBBS, DCH, MCPS, MPH, FCPS
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUNE

S.#	Item Description	Unit	Qty.	Rate	Amount
38	Gas Charging Pin Valve 1/4" (Make: China)	No.	1	920	920
39	Copper U Band 1/4" (Make: China)	No.	1	250	250
40	Copper U Band 3/8" (Make: China)	No.	1	270	270
41	Flexible Pipe 1/2" PVC (For Drain Line)	Feet	1	150	150
42	Flexible Pipe 3/4" PVC (For Drain Line)	Feet	1	200	200
43	AC Outdoor Bracket	No.	1	3,020	3,020
44	Copper Pipe 50 Feet Coil 1/4" (Make: Mueller/Muller USA)	Coil	1	26,800	26,800
45	Copper Pipe 50 Feet Coil 3/8" (Make: Mueller/Muller USA)	Coil	1	35,180	35,180
46	Copper Pipe 50 Feet Coil 1/2" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	1	40,200	40,200
47	Copper Pipe 50 Feet Coil 5/8" (Make: Mueller/Muller USA)	Coil	1	50,250	50,250
48	Copper Pipe 50 Feet Coil 3/4" (Make: Mueller/Muller USA)	Coil	1	70,350	70,350
49	Flare Nut Copper (Make: Mueller/Muller USA) 1/4"	No.	1	250	250
50	Flare Nut Copper (Make: Mueller/Muller USA) 3/8"	No.	1	370	370
51	Flare Nut Copper (Make: Mueller/Muller USA) 1/2"	No.	1	420	420
52	Flare Nut Copper (Make: Mueller/Muller USA) 5/8"	No.	1	670	670
53	Flare Nut Copper (Make: Mueller/Muller USA) 3/4"	No.	1	840	840
54	Liquid Line Drier Filter Threaded (Make: Alco Controls/ Danfoss / Castel) 3/8"	No.	1	10,050	10,050
55	Liquid Line Drier Filter Threaded 5/8" (Make: Alco Controls/Danfoss / Castel)	No.	1	30,150	30,150
56	Liquid Line Drier Filter Threaded 1/2" (Make: Alco Controls/ Danfoss/Castel)	No.	1	20,100	20,100
57	Copper Pipe Aero flux Insulation 3/8"	Box	1	16,750	16,750
58	Copper Pipe Aero flux Insulation 1/2"	Feet	1	500	500
59	Copper Pipe Aero flux Insulation 5/8"	Feet	1	750	750
60	Copper Pipe Aero flux Insulation 3/4"	Feet	1	920	920
61	Circuit Card For Split Ac Universal	No.	1	8,380	8,380
62	Indoor Blower Motor (For Standing Ac)	No.	1	30,150	30,150
63	Outdoor Fan Motor (For Standing Ac)	No.	1	25,130	25,130
64	AHU Blower Motor Belt Spa-B38	No.	1	1,510	1,510
65	AHU Blower Motor Belt Spa-B39	No.	1	1,590	1,590
66	AHU Blower Motor Belt Spa-B40	No.	1	1,680	1,680
67	AHU Blower Motor Belt Spa-B41	No.	1	1,840	1,840
68	AHU Blower Motor Belt Spa-B42	No.	1	2,010	2,010
69	AHU Blower Motor Belt Spa-B45	No.	1	2,510	2,510
70	AHU Blower Motor Belt Spa-B46	No.	1	3,020	3,020
71	AHU Blower Motor Belt Spa-B48	No.	1	3,270	3,270
72	AHU Blower Motor Belt Spa-B50	No.	1	3,520	3,520
73	AHU Blower Motor Belt Spa-A38	No.	1	3,690	3,690


S.#	Item Description	Unit	Qty.	Rate	Amount
74	AHU Blower Motor Belt Spa-B128 for CT	No.	1	7,540	7,540
75	Bearings (Make SKF/NTN) 6201-2RS/C3 1/2	No.	1	2,680	2,680
76	Bearings (Make SKF/NTN) 6202-2Z/C3	No.	1	2,510	2,510
77	Bearings (Make SKF/NTN) 6203-2Z/C3	No.	1	4,190	4,190
78	Bearings (Make SKF/NTN) 6204-2Z/C3	No.	1	6,700	6,700
79	Bearings (Make SKF/NTN) 6205-2Z/C3	No.	1	4,190	4,190
80	Bearings (Make SKF/NTN) 6206-2Z/C3	No.	1	6,370	6,370
81	Bearings (Make SKF/NTN) 6208-2Z/C3	No.	1	8,040	8,040
82	Bearings (Make SKF/NTN) 6209-2Z/C3	No.	1	9,210	9,210
83	Bearings (Make SKF/NTN) 6211-2Z/C3	No.	1	11,730	11,730
84	AHU Bearings (Make SKF/NTN) YET - 205	No.	1	7,540	7,540
85	AHU Bearings (Make SKF/NTN) YET - 206	No.	1	9,210	9,210
86	AHU Bearings (Make SKF/NTN) YET - 207	No.	1	12,060	12,060
87	AHU Bearings (Make SKF/NTN) YET - 208	No.	1	12,560	12,560
88	AHU Bearings (Make SKF/NTN) YET - 209	No.	1	13,740	13,740
89	AHU Bearings (Make SKF/NTN) YET - 210	No.	1	18,430	18,430
90	Breaker Hager 2-Pole 20 - Amp	No.	1	1,840	1,840
91	Breaker TP Terasaki 32 - Amp	No.	1	18,430	18,430
92	E O C R (Make: Schneider) 0.5 to 6-Amp	No.	1	26,800	26,800
93	Motorize Valve 1" (Make: Honeywell 0 to 10 Volt)	No.	1	31,830	31,830
94	Motorize Valve 3/4" (Make: Honeywell 0 to 10 Volt)	No.	1	25,130	25,130
95	Magnetic Contactor with Auxiliary Contact TC-22 32 Amp	No.	1	13,400	13,400
96	E O C R (Make: Schneider) 5 - 70 Amp	No.	1	46,900	46,900
97	Timer TUBN 8-Pin (Make: Fotek)	No.	1	7,540	7,540
98	Auto/Off/Manual Selector Switch (Make: Comsco)	No.	1	10,050	10,050
99	Magnetic Contactor 2-Pole 20-Amp	No.	1	4,690	4,690
100	Relay 8-pin 24-VDC	No.	1	5,860	5,860
101	Relay 8-pin 220-VAC	No.	1	6,370	6,370
102	Float Valve 1"	No.	1	9,210	9,210
103	Wire 4 Core Flexible Pakistan Cable (Copper) 0.75mm (90 Mtr. Coil)	Coil	1	68,680	68,680
104	Wire 4 Core Flexible Pakistan Cable (Copper) 2.5mm (90 Mtr. Coil)	Coil	1	184,250	184,250
105	Wire 3 Core 110/76 Flexible Pakistan Cable (Copper) 110/76 (90 Mtr. Coil)	Coil	1	102,180	102,180
106	Wire 3 Core 40/76 Flexible Pakistan Cable (Copper) 40/76 (90 Mtr. Coil)	Coil	1	82,080	82,080
107	Wire 3 Core 23/76 Flexible Pakistan Cable (Copper) 23/76 (90 Mtr. Coil)	Coil	1	63,650	63,650
108	Rowel Bolt 8mm	No.	1	80	80
109	Rowel Bolt 10mm	No.	1	100	100

S.#	Item Description	Unit	Qty.	Rate	Amount
110	Rowel Bolt 12mm	No.	1	130	130
111	EX Blower Motor (Make: Siemens) 3-Phase REWINDING 1.1 kw	No.	1	30,150	30,150
112	EX Blower Motor (Make: Siemens) 3-Phase REWINDING 1.5 kw	No.	1	36,850	36,850
113	AHU Blower Motor (Make: Siemens) 3-Phase REWINDING 2.2 kw	No.	1	46,900	46,900
114	AHU Blower Motor (Make: Siemens) 3-Phase REWINDING 3.0 kw	No.	1	58,630	58,630
115	AHU Blower Motor (Make: Siemens) 3-Phase REWINDING 4.0 kw	No.	1	92,130	92,130
116	AHU Blower Motor (Make: ABB) 3-Phase REWINDING 5.5 kw	No.	1	108,880	108,880
117	AHU Blower Motor (Make: ABB) 3-Phase REWINDING 7.5 kw	No.	1	125,630	125,630
118	Fan Coil Unit Blower Motor REWINDING 380-Watt	No.	1	13,400	13,400
119	C-Clamp 2"	No.	1	1,340	1,340
120	Fisher 8mm	Box	1	1,120	1,120
121	Fisher 10mm	Box	1	1,210	1,210
122	Fisher 12mm	Box	1	1,510	1,510
123	Dura Duct PVC / Per Length 10 Feet's 100 X 100	Feet	1	620	620
124	Dura Duct PVC / Per Length 10Feet's 120 X 120	Feet	1	750	750
125	Glass Wool 2" Thickness 1.2m Width High Density Aluminum Foil/ Kraft Laminate Facing(FSK) 45 Meter Roll (Make: KIMMCO) (45 Meter)	Roll	1	43,550	43,550
126	Teflon Tape	No.	1	50	50
127	Thread Rod 10mm/2meter	Rods	1	1,090	1,090
128	Nut With Washer 10mm	KG	1	1,170	1,170
129	Thread Rod 12mm/2meter	Rods	1	1,510	1,510
130	Nut With Washer 12mm	KG	1	1,170	1,170
131	Jubilee Clamp 1/2" SS	No.	1	100	100
132	Jubilee Clamp 3/4" SS	No.	1	130	130
133	Jubilee Clamp 1" SS	No.	1	170	170
134	Jubilee Clamp 2" SS	No.	1	250	250
135	WD-40 330ml	No.	1	1,170	1,170
136	CRC 300ml	No.	1	2,510	2,510
137	Embry Paper 0 - No	No.	1	120	120
138	Embry Paper 0.5 No	No.	1	120	120
139	Embry Paper 1.0 No	No.	1	120	120
140	Embry Paper 1.5 No	No.	1	120	120
141	Embry Paper 2.0 No	No.	1	120	120
142	Aero Flux Sheet 1" x 4' x 6'	No.	1	43,550	43,550


S.#	Item Description	Unit	Qty.	Rate	Amount
143	Epoxy Grey Paint (Make: ICI) 3.75 Liter	Gallon	1	30,150	30,150
144	Red Oxide Paint (Make: ICI) 3.75 Liter	Gallon	1	9,210	9,210
145	Anti-Fungus Paint with Mixing Oil (Make: Comex) 11 Liter	Cane	1	53,600	53,600
146	Duct Tape (Make: Abro Premium Foil) 2"	Roll	1	100	100
147	Insulation Tape 2" (Black)	No.	1	100	100
148	Flux 227 Grams	Tin	1	500	500
149	Silicon Tube Clear RTV 300ml	No.	1	1,420	1,420
150	Cementex Solution NT-80 1 Kg	kg	1	1,420	1,420
151	White Spray Paint 400 - CC	Cane	1	500	500
152	Black Spray Paint 400 - CC	Cane	1	500	500
153	Foam Spray 400 - CC	Cane	1	3,180	3,180
154	Chilled Water Pipe Insulation Cloth 100	Meter	1	500	500
155	Craft Paper Chilled Water Pipe Insulation	Roll	1	10,050	10,050
156	Glue For Pasting Chilled Water Pipe Insulation Cloth 50	kg	1	840	840
157	U-Pvc Pipe Solution (Make: EZ- Weld US) 0.24 Liter	Cane	1	4,190	4,190
158	Steel Nail 1"	Box	1	500	500
159	Steel Nail 1-1/2"	Box	1	670	670
160	Pump Coupling Rupper	No.	1	80	80
161	Temperature Gauges 6" Length 1/2" (Make: WEISS Instruments) 0 to 30 Celsius	No.	1	8,380	8,380
162	Temperature Gauges 4" Length 1/2" (Make: WEISS Instruments) 0 to 30 Celsius	No.	1	6,370	6,370
163	Service Shut Off Valve (Make: Alco Controls/ Danfos/Castel) 5/8"	No.	1	33,500	33,500
164	Duct Type Air Temperature Sensor (Make Mamac) (Model TE-702-A-5-C)	No.	1	12,560	12,560
165	Immersion Temperature Sensor (Make Mamac) (Model TE-703-A-5-C)	No.	1	14,240	14,240
166	Duct Air Humidity Sensor (Make Grystone) (Model RH200A03)	No.	1	63,650	63,650
167	Duct Air Firestat Sensor (Model TC-108-1A-3C)	No.	1	49,410	49,410
168	Duct Air Flow Sensor (Make Grystone) (Model LP3B)	No.	1	78,560	78,560
169	0 to 10 Volt Chilled Water Motorize Actuator (Make Honeywell))	No.	1	118,930	118,930
170	24Volt Relay for Start/Stop (Make Schneider)	No.	1	3,850	3,850
171	IP Controller (Make Easy IO) (Model FW-14)	No.	1	259,630	259,630
172	IP Controller (Make Easy IO) (Model FW-08)	No.	1	154,100	154,100
173	Network Controller (Make Easy IO) (Model FS-32)	No.	1	921,250	921,250
174	24 Volt Power Supply Card (Model PS-01)	No.	1	12,560	12,560
175	24 Volt Transformer (Model XFMR)	No.	1	8,210	8,210
176	Pressure Sensor (Make Danfoss) (Model MBS-3000)	No.	1	58,630	58,630


S.#	Item Description	Unit	Qty.	Rate	Amount
177	De-Scaler Chemical	Liter	1	6,370	6,370
178	AHU Coil Cleaning Chemical	Liter	1	1,120	1,120
179	Mechanical Seal Condenser Water Pump (Make: VILO)	No.	1	14,740	14,740
180	HEPA Filter H-14 For FA-AHU's 24"x24"x6"	No.	1	100,500	100,500
181	HEPA Filter H-14 For FA-AHU's 12"x24"x6"	No.	1	80,400	80,400
182	G-4 Aluminum Filter (size: 24"x24"x2") For AHU's	No.	1	13,150	13,150
183	Grees York Part No. 044 03199 000	Kg	1	87,100	87,100
184	Oil Filter for Chiller	Each	1	100,500	100,500
185	Inhabitor Coolent for Chiller	Lit.	1	192,630	192,630
186	Filter Drier	Each	1	75,380	75,380
187	VFD 2.0 KW SP	Each	1	65,330	65,330
188	VFD 2.5 KW TP	Each	1	117,250	117,250
189	VFD 5.0 KW TP	Each	1	147,400	147,400
190	VFD 10.0 KW TP	Each	1	318,250	318,250
191	VFD 30.0 KW TP	Each	1	469,000	469,000
192	VFD 55.0 KW TP	Each	1	963,130	963,130
	Total Rs.				10,430,050


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GENERAL MAINTENANCE / CIVIL & PLUMBING MATERIAL

S.#	Item Description	Unit	Qty.	Rate	Amount
	Section A: Paint, Polish and Civil Work				
1	Plaster of Paris (5 kg per packet)	Packet	1	1,340	1,340
2	Anti-Fungus paint (16 (Liter) per Drum more or less) Same as exiting	Drum	1	31,320	31,320
3	Anti-Bacterial Paint for OT's (16 (Liter) per Drum more or less) Same as exiting	Drum	1	31,320	31,320
4	Distemper Ash white (16 (Liter) per Drum more or less) Same as exiting	Drum	1	11,890	11,890
5	Distemper white (16 (Liter) per Drum more or less) Same as exiting	Drum	1	11,890	11,890
6	Oil paint White (3.7 (Liter) per Bucket more or less) Same as exiting	Bucket	1	7,200	7,200
7	Oil paint yellow (3.7 (Liter) per Bucket more or less) Same as exiting	Bucket	1	7,200	7,200
8	Oil paint black (3.7 (Liter) per Bucket more or less) Same as exiting	Bucket	1	7,200	7,200
9	Oil paint Red (3.7 (Liter) per Bucket more or less) Same as exiting	Bucket	1	7,200	7,200
10	Red Oxide (3.7 (Liter) per Bucket more or less) Same as exiting	Bucket	1	6,030	6,030
11	Emery paper 120 No.=30 150 No.=30	Pcs.	1	270	270
12	Cotton Waste	Pcs.	1	30	30
13	Turpentine Oil	Liter	1	1,390	1,390
14	Kerosene Oil	Liter	1	290	290
15	Varnish	Liter	1	1,590	1,590
16	Gauze (Malmal)	Meter	1	80	80
17	Sindoor	Kg	1	7,960	7,960
18	Glass (Clear) 5 mm	Sft.	1	290	290
19	Frosted glass 5 mm	Sft.	1	290	290
20	Cement / white (50 Kg)	Bag	1	2,510	2,510
21	O.P.C. cement (50 Kg)	Bag	1	1,340	1,340
22	Sand (Per Suzuki have 20 bags of sand each bag have approx. 40 to 50kg)	Suzuki	1	3,940	3,940
23	Porcelain Tiles (16" x 16") Same exiting Color & Quality.	Meter	1	2,600	2,600
24	Porcelain Tiles (24" x 24") Same exiting Color & Quality.	Meter	1	3,180	3,180
25	Ceramic Tiles (12" x 12") Same exiting Color & Quality.	Meter	1	2,510	2,510
26	Machine Block (4" x 8" x 12")	Pcs.	1	120	120
27	Machine Block (6" x 8" x 12")	Pcs.	1	170	170

S.#	Item Description	Unit	Qty.	Rate	Amount
-28	PVC Pipe 2" Pak Arab or equivalent	Rft.	1	640	640
29	PVC Tee 2" Pak Arab or equivalent	Pcs.	1	920	920
30	PVC elbow 2" Pak Arab or equivalent	Pcs.	1	550	550
31	PVC Socket 2" Pak Arab or equivalent	Pcs.	1	340	340
32	PVC handle valve 2" Pak Arab or equivalent	Pcs.	1	8,540	8,540
33	PVC Union 2" Pak Arab or equivalent	Pcs.	1	4,460	4,460
34	PPR Pipe (20mm) Same as existing	Rft.	1	670	670
35	PPR Pipe (25mm) Same as existing	Rft.	1	920	920
36	Dadex End cap 110mm	Pcs.	1	5,190	5,190
37	Dadex Socket (50mm)	Pcs.	1	590	590
38	Dadex Tee (50 mm)	Pcs.	1	1,590	1,590
39	Pipes - PN 20 (Dadex) 20mm x 4M	Mtr	1	2,510	2,510
40	Pipes - PN 20 (Dadex) 25mm x 4M	Mtr	1	3,940	3,940
41	Pipes - PN 20 (Dadex) 32mm x 4M	Mtr	1	6,490	6,490
42	Pipes - PN 20 (Dadex) 40mm x 4M	Mtr	1	9,840	9,840
43	Pipes - PN 20 (Dadex) 50mm x 4M	Mtr	1	15,580	15,580
44	Pipes - PN 20 (Dadex) 63mm x 4M	Mtr	1	24,120	24,120
45	Pipes - PN 20 (Dadex) 75mm x 4M	Mtr	1	34,800	34,800
46	Pipes - PN 20 (Dadex) 90mm x 4M	Mtr	1	49,500	49,500
47	Pipes - PN 20 (Dadex) 110mm x 4M	Mtr	1	74,450	74,450
48	Coupler 20mm	No	1	160	160
49	Coupler 25mm	No	1	290	290
50	Coupler 32mm	No	1	500	500
51	Coupler 40mm	No	1	800	800
52	Coupler 50mm	No	1	1,760	1,760
53	Coupler 63mm	No	1	2,600	2,600
54	Coupler 75mm	No	1	6,490	6,490
55	Coupler 90mm	No	1	7,330	7,330
56	Coupler 110mm	No	1	12,550	12,550
57	Elbow 90° 20mm	No	1	200	200
58	Elbow 90° 25mm	No	1	320	320
59	Elbow 90° 32mm	No	1	650	650
60	Elbow 90° 40mm	No	1	1,170	1,170
61	Elbow 90° 50mm	No	1	1,760	1,760
62	Elbow 90° 63mm	No	1	3,850	3,850
63	Elbow 90° 75mm	No	1	10,300	10,300
64	Elbow 90° 90mm	No	1	13,480	13,480
65	Elbow 90° 110mm	No	1	19,680	19,680
66	Elbow 45° 20mm	No	1	230	230
67	Elbow 45° 25mm	No	1	350	350

S.#	Item Description	Unit	Qty.	Rate	Amount
68	Elbow 45° 32mm	No	1	650	650
69	Elbow 45° 40mm	No	1	1,260	1,260
70	Elbow 45° 50mm	No	1	2,510	2,510
71	Elbow 45° 63mm	No	1	5,900	5,900
72	Elbow 45° 75mm	No	1	10,790	10,790
73	Elbow 45° 90mm	No	1	15,080	15,080
74	Equal Tee 20mm	No	1	280	280
75	Equal Tee 25mm	No	1	500	500
76	Equal Tee 32mm	No	1	870	870
77	Equal Tee 40mm	No	1	1,660	1,660
78	Equal Tee 50mm	No	1	3,330	3,330
79	Equal Tee 63mm	No	1	5,580	5,580
80	Equal Tee 75mm	No	1	10,770	10,770
81	Equal Tee 90mm	No	1	16,350	16,350
82	Equal Tee 110mm	No	1	25,660	25,660
83	End Cap 20mm	No	1	220	220
84	End Cap 25mm	No	1	540	540
85	End Cap 32mm	No	1	540	540
86	End Cap 40mm	No	1	1,860	1,860
87	End Cap 50mm	No	1	2,580	2,580
88	End Cap 63mm	No	1	4,120	4,120
89	End Cap 75mm	No	1	6,530	6,530
90	Stub end / Flange Adaptor 40mm	No	1	2,810	2,810
91	Stub end / Flange Adaptor 50mm	No	1	3,370	3,370
92	Stub end / Flange Adaptor 63mm	No	1	4,100	4,100
93	Stub end / Flange Adaptor 75mm	No	1	6,030	6,030
94	Stub end / Flange Adaptor 90mm	No	1	11,240	11,240
95	Stub end / Flange Adaptor 110mm	No	1	17,760	17,760
96	Pipe Brackets 20 x 20mm	No	1	80	80
97	Pipe Brackets 25 x 25mm	No	1	100	100
98	Pipe Brackets 32 x 32mm	No	1	150	150
99	Pipe Brackets 40 x 40mm	No	1	570	570
100	Pipe Brackets 50 x 50mm	No	1	870	870
101	Pipe Brackets 63 x 63mm	No	1	1,110	1,110
102	Curved Pipe 20mm	No	1	220	220
103	Curved Pipe 25mm	No	1	450	450
104	Curved Pipe 32mm	No	1	700	700
105	Curved Pipe 40mm	No	1	1,590	1,590
106	Reducing Coupler 25 x 20mm	No	1	220	220
107	Reducing Coupler 32 x 20mm	No	1	750	750

S.#	Item Description	Unit	Qty.	Rate	Amount
108	Reducing Coupler 32 x 25mm	No	1	320	320
109	Reducing Coupler 40 x 20mm	No	1	950	950
110	Reducing Coupler 40 x 25mm	No	1	100	100
111	Reducing Coupler 40 x 32mm	No	1	790	790
112	Reducing Coupler 50 x 25mm	No	1	2,240	2,240
113	Reducing Coupler 50 x 32mm	No	1	1,370	1,370
114	Reducing Coupler 50 x 40mm	No	1	1,310	1,310
115	Reducing Coupler 63 x 25mm	No	1	4,760	4,760
116	Reducing Coupler 63 x 32mm	No	1	1,540	1,540
117	Reducing Coupler 63 x 40mm	No	1	2,880	2,880
118	Reducing Coupler 63 x 50mm	No	1	2,980	2,980
119	Reducing Coupler 75 x 40mm	No	1	3,820	3,820
120	Reducing Coupler 75 x 50mm	No	1	4,120	4,120
121	Reducing Coupler 75 x 63mm	No	1	4,270	4,270
122	Reducing Coupler 90 x 63mm	No	1	5,830	5,830
123	Reducing Coupler 90 x 75mm	No	1	6,160	6,160
124	Reducing Coupler 110 x 90mm	No	1	7,470	7,470
125	Reducing TEE 25 x 20mm x 25mm	No	1	170	170
126	Reducing TEE 32 x 20mm x 32mm	No	1	700	700
127	Reducing TEE 32 x 25mm x 32mm	No	1	740	740
128	Reducing TEE 40 x 20mm x 40mm	No	1	1,690	1,690
129	Reducing TEE 40 x 25mm x 40mm	No	1	1,810	1,810
130	Reducing TEE 40 x 32mm x 40mm	No	1	1,890	1,890
131	Reducing TEE 50 x 25mm x 50mm	No	1	2,400	2,400
132	Reducing TEE 50 x 32mm x 50mm	No	1	2,660	2,660
133	Reducing TEE 50 x 40mm x 50mm	No	1	4,620	4,620
134	Reducing TEE 63 x 25mm x 63mm	No	1	5,240	5,240
135	Reducing TEE 63 x 32mm x 63mm	No	1	4,420	4,420
136	Reducing TEE 63 x 40mm x 63mm	No	1	4,890	4,890
137	Reducing TEE 63 x 50mm x 63mm	No	1	5,530	5,530
138	Male Threaded Tee 20 x 1/2"	No	1	3,990	3,990
139	Male Threaded Tee 20 x 3/4"	No	1	5,860	5,860
140	Male Threaded Tee 25 x 1/2"	No	1	4,120	4,120
141	Male Threaded Tee 25 x 3/4"	No	1	6,010	6,010
142	Male Threaded Tee 32 x 3/4"	No	1	6,480	6,480
143	Male Threaded Tee 32 x 1"	No	1	9,510	9,510
144	Female Threaded Tee 20 x 1/2"	No	1	3,020	3,020
145	Female Threaded Tee 25 x 1/2"	No	1	3,020	3,020
146	Female Threaded Tee 25 x 3/4"	No	1	3,940	3,940
147	Female Threaded Tee 32 x 3/4"	No	1	4,870	4,870

S.#	Item Description	Unit	Qty.	Rate	Amount
148	Female Threaded Tee 32 x 1"	No	1	8,540	8,540
149	Male Threaded Elbow 90° 20x 1/2"	No	1	2,860	2,860
150	Male Threaded Elbow 90° 20x 3/4"	No	1	5,850	5,850
151	Male Threaded Elbow 90° 25x 1/2"	No	1	3,330	3,330
152	Male Threaded Elbow 90° 25x 3/4"	No	1	4,320	4,320
153	Male Threaded Elbow 90° 32x 1"	No	1	6,780	6,780
154	Solution White Dadex (125Grm)	Tin	1	1,610	1,610
155	Solution Orange EZ-weld PVC (125Grm)	Tin	1	2,700	2,700
156	S.S Pedestal Bolt Bracket Same as existing	Pcs.	1	280	280
157	Spindle double bib cock Brass (Heavy Duty) Conforming to Existing as Site	Pcs.	1	6,680	6,680
158	Basin (Local)	Pcs.	1	20,940	20,940
159	Basin (High Quality)	Pcs.	1	46,060	46,060
160	Basin Connection tubes heavy duty	Pair	1	470	470
161	Tea Cock	Pcs.	1	4,440	4,440
162	Muslim shower Heavy Duty inner side metal only.	Pcs.	1	4,270	4,270
163	Muslim shower tube Heavy Duty	Pcs.	1	670	670
164	Waste Jali (Basin) 1 1/4" , 1" 1/2	Pcs.	1	280	280
165	Brass Spindle Screw (As per Sample)	Pcs.	1	230	230
166	Dhaga (Gola)	Pcs.	1	20	20
167	Teflon Tape (Big)	Pcs.	1	80	80
168	Commode (Local)	Pcs.	1	32,860	32,860
169	Commode (High Quality)	Pcs.	1	146,140	146,140
170	Commode Kit Set	Pcs.	1	3,520	3,520
171	Commode seat cover Porta Same as existing	Pcs.	1	6,830	6,830
172	Basin bolt kit	Set	1	390	390
173	Fisher 10 mm	Pcs.	1	490	490
174	Thumble for commode Porta Same as existing	Pcs.	1	3,170	3,170
175	Waist Pipe	Nos	1	890	890
176	Blind Mechanism	Nos	1	4,440	4,440
177	Blind Bracket	Nos	1	890	890
178	Chain Blind	Nos	1	890	890
179	Blind Fitting	Nos	1	890	890
180	Blind Removing & Installation	Nos	1	450	450
181	Rollup Blind Chain	Nos	1	540	540
182	Flush Tank	Nos	1	10,470	10,470
183	Muslim Toilet Shower Set Stainless Steel	Nos	1	2,140	2,140
184	Muslim Toilet Shower Stainless Steel only Pipe	Nos	1	890	890
185	Muslim Toilet Shower Stainless Steel only Handle	Nos	1	1,160	1,160
186	Basin Mixture (Local)	Nos	1	7,810	7,810

S.#	Item Description	Unit	Qty.	Rate	Amount
187	Basin Mixture (High Quality)	Nos	1	25,130	25,130
188	Commode Valve	Nos	1	1,410	1,410
189	Flush Tank Kit	Nos	1	6,200	6,200
190	Handle Lock Machine	Nos	1	2,680	2,680
191	Double Bib Cock (PVC)	Nos	1	4,920	4,920
192	Double Bib Cock (Steel)	Nos	1	7,960	7,960
193	Basin Mixture Cock	Nos	1	2,850	2,850
194	Sensor double bib cock brass	Nos	1	4,440	4,440
195	Plastic Water Tap	Nos	1	620	620
196	W/C- 18/22	Nos	1	7,960	7,960
197	Besin nall metal	Nos	1	13,320	13,320
198	Wall Putty	Nos	1	2,230	2,230
199	Mixture	Nos	1	12,400	12,400
200	Commode Connection Lead	Nos	1	6,200	6,200
201	Machine Change	Nos	1	3,520	3,520
202	Floor Trap Steel	Nos	1	1,780	1,780
203	Commode Lead	Nos	1	270	270
204	Door Lock Change Clip	Nos	1	370	370
205	Commode	Nos	1	20,940	20,940
206	Connection leads	Nos	1	270	270
207	Chand Patti Bolt	Nos	1	890	890
208	Wash Basin Bolt Kit Change	Nos	1	370	370
209	Mixture Chand Patti Bold	Nos	1	890	890
210	Asian Commode	Nos	1	20,940	20,940
211	Basin Bottle Trap (Steel)	Nos	1	7,120	7,120
212	Chand Patti Bolt	Nos	1	890	890
213	Door Lock Change	Nos	1	7,120	7,120
214	Floor Trap Cap	Nos	1	450	450
215	Connection leads	Nos	1	270	270
216	Commode Flush Button	Nos	1	1,120	1,120
217	Basin Bottle Trap (PVC)	Nos	1	1,960	1,960
218	Door repair Epoxy Solution	Nos	1	1,780	1,780
219	Handle Lock Machine Change	Nos	1	3,520	3,520
220	Steel Wire	Nos	1	370	370
221	Vanity Basin	Nos	1	39,360	39,360
222	Door Clip Change	Nos	1	370	370
223	Weather Sheild Paint	Nos	1	9,330	9,330
224	Floor Trap PVC	Nos	1	590	590
225	Socket PVC 3"	Nos	1	270	270
226	Socket PVC ½"	Nos	1	150	150

S.#	Item Description	Unit	Qty.	Rate	Amount
227	Cupboard Channel 1'-0"	Nos	1	450	450
228	Socket PPR 63mm	Nos	1	720	720
229	Door Floor Clip Change	Nos	1	370	370
230	Change Lock Clip	Nos	1	370	370
231	Mixture	Nos	1	12,400	12,400
232	Handle Lock Cylinder	Nos	1	1,420	1,420
233	Door repair Epoxy Change	Nos	1	1,780	1,780
234	False Ceiling Wire	Nos	1	120	120
235	Dpoxy for Door Repair	Nos	1	1,780	1,780
236	Foam spray Large 800ml	Pcs.	1	2,160	2,160
237	Wheels for stretcher (Wheel Pair) 5" ABS Material Same as existing	Pair	1	2,280	2,280
238	Wheel for Trolley (Wheel Pair) "Same as existing"	Pair	1	950	950
239	False Ceiling Gypsum Foil Coated at different floor of SIDH same as existing	Sqft.	1	220	220
240	False Sealing Channel 12'	Rft.	1	120	120
241	False Sealing Channel 4'	Rft.	1	120	120
242	False Sealing Channel 2'	Rft.	1	120	120
243	False Sealing L Railing	Rft.	1	230	230
244	False Sealing wire	Kg	1	600	600
245	WD 40 Spray 550ml or equivalent	Large	1	650	650
246	Silicon Tube Big	Big	1	1,210	1,210
247	Roller Blinds	Sqft.	1	720	720
248	Frosting paper Blur Roll 4 ft.	Sqft.	1	220	220
249	Frosting paper Black Roll 4 ft.	Sqft.	1	270	270
250	Back Sheet for Cupboards (Pilai) 2mm Sheet	Sheets	1	3,520	3,520
251	Wood Patti (Golden Teak) 1" x 1" x 10 Feet Length	Length	1	1,890	1,890
252	Wood Patti (Golden Teak) 2" x 1" x 10 Feet Length	Length	1	3,790	3,790
253	Wood Patti (Golden Teak) 4" x 1" x 10 Feet Length	Length	1	7,590	7,590
254	Lipping (Golden Teak) 1 1/4" x 2mm x 10 Feet Length	Length	1	670	670
255	Lipping (Golden Teak) 1 1/2" x 2mm x 10 Feet Length	Length	1	800	800
256	16mm / (3/4") thick x 48" Wide x 96" Long, MDF Lamination Sheet (Code 7363) (Farmite Brand)	Sheet	1	10,180	10,180
257	16mm / (3/4") thick x 48" Wide x 96" Long, Marine Ply Sheet (Patex/ Malaysian Brand)	Sheet	1	15,540	15,540
258	4.5mm thick x 48" Wide x 96" Long, MDF Laminated Back Sheet.	Sheet	1	3,790	3,790
259	0.45mm thick x 48" Wide x 96" Long Formica Sheet (CODE 7363) (Farmite Brand)	Sheet	1	3,330	3,330
260	16mm / (3/4") thick x 48" Wide x 96" Long, Plain MDF Sheet (Zrk / Malaysia / Farmite Brand)	Sheet	1	7,960	7,960

S.#	Item Description	Unit	Qty.	Rate	Amount
261	12mm thick x 48" Wide x 96" Long, Fiber Cement Board Sheet	Sheet	1	9,980	9,980
262	10mm thick x 48" Wide x 96" Long, Fiber Cement Board Sheet	Sheet	1	8,430	8,430
263	10mm / (1/2") thick x 48" Wide x 96" Long, Plain MDF Sheet (Zrk / Malaysia / Farmite Brand)	Sheet	1	5,040	5,040
264	4.5mm thick, 48" Wide, 96" Long Oak MDF Sheet	Sheet	1	3,520	3,520
265	6mm / (1/4") thick x 3/4" Wide, Red Oak Wood Lipping.	Rft.	1	150	150
266	6mm / (1/4") thick x 1-1/2" Wide, Red Oak Wood Lipping.	Rft.	1	340	340
267	Solid Partal Wood 1" thick x 2" Wide 10' Long.	No.	1	1,110	1,110
268	ICI Laquer Sealer Polish	Sq/Inch	1	-	-
269	Cementex Solution	Sft.	1	120	120
270	German Movilith Glue	Sft.	1	50	50
271	GMSA Super Glue 50gm	No.	1	770	770
272	Black Screw (1/2" x 8) (100 Pcs Each Box)	Box	1	220	220
273	Screw (3/4" x 8) (100 Pcs Each Box)	Box	1	270	270
274	Screw (1" x 8) (100 Pcs Each Box)	Box	1	370	370
275	Screw (1 1/4" x 8) (100 Pcs Each Box) Dry Wall	Box	1	450	450
276	Screw (1 1/2" x 8) (100 Pcs Each Box)	Box	1	500	500
277	Black Screw (2" x 8) (100 Pcs Each Box)	Box	1	670	670
278	Wood Screws (Drywall) 2 1/2"	Pkt.	1	690	690
279	Wood Screws (Drywall) 3"	Pkt.	1	1,090	1,090
280	Wood Screws (Drywall) 4"	Pkt.	1	1,520	1,520
281	Wood Nail (Head) 1" x 17	Kg.	1	1,780	1,780
282	Wood Nail (Head) 3/4" x 17	Kg.	1	1,780	1,780
283	Wood Nail (Head) 1 1/2" x 17	Kg.	1	1,780	1,780
284	Wood Nail (Head) 2" x 14	Kg.	1	1,560	1,560
285	Wood Nail (Head) 2 1/2" x 14	Kg.	1	1,560	1,560
286	Wood Nail (Head) 3" x 14	Kg.	1	1,560	1,560
287	Wood Nail (Head) 3/4" x 20	Kg.	1	1,780	1,780
288	Without head Nail (2" x 14)	Kg.	1	1,560	1,560
289	Without head Nail (1 1/2" x 17)	Kg.	1	1,730	1,730
290	Wooden Nails with Head 3/4" x 20 No.	Pkt.	1	1,990	1,990
291	Wooden Nails with Head 1" x 20 No.	Pkt.	1	1,990	1,990
292	Wooden Nails with Head 3/4" x 17 No.	Pkt.	1	1,780	1,780
293	Wooden Nails with Head 1" x 17 No.	Pkt.	1	1,780	1,780
294	Wooden Nails with Head 1 1/4" x 17 No.	Pkt.	1	1,780	1,780
295	Wooden Nails with Head 1 1/2" x 17 No.	Pkt.	1	1,780	1,780
296	Wooden Nails with Head 1" x 15 No.	Pkt.	1	1,560	1,560
297	Wooden Nails with Head 1 1/2" x 15 No.	Pkt.	1	1,560	1,560
298	Wooden Nails with Head 2" x 15 No.	Pkt.	1	1,560	1,560


S.#	Item Description	Unit	Qty.	Rate	Amount
299	Wooden Nails with Head 2½" x 15 No.	Pkt.	1	1,560	1,560
300	Wooden Nails with Head 2½" x 14 No.	Pkt.	1	1,560	1,560
301	Wooden Nails with Head 2½" x 12 No.	Pkt.	1	1,440	1,440
302	Wooden Nails with Head 3" x 14 No.	Pkt.	1	1,440	1,440
303	Wooden Nails with Head 3" x 12 No.	Pkt.	1	1,440	1,440
304	Wooden Nails with Head 3" x 10 No.	Pkt.	1	1,440	1,440
305	Wooden Nails with Head 4" x 12 No.	Pkt.	1	1,440	1,440
306	Wooden Nails with Head 4" x 10 No.	Pkt.	1	1,440	1,440
307	Wooden Nails Headless ¾" x 20 No.	Pkt.	1	1,990	1,990
308	Wooden Nails Headless 1" x 20 No.	Pkt.	1	1,990	1,990
309	Wooden Nails Headless ¾" x 17 No.	Pkt.	1	1,560	1,560
310	Wooden Nails Headless 1" x 17 No.	Pkt.	1	1,560	1,560
311	Wooden Nails Headless 1¼" x 17 No.	Pkt.	1	1,560	1,560
312	Wooden Nails Headless 1½" x 17 No.	Pkt.	1	1,560	1,560
313	Wooden Nails Headless 1" x 15 No.	Pkt.	1	1,560	1,560
314	Wooden Nails Headless 1½" x 15 No.	Pkt.	1	1,560	1,560
315	Wooden Nails Headless 2" x 15 No.	Pkt.	1	1,560	1,560
316	Wooden Nails Headless 2½" x 14 No.	Pkt.	1	1,560	1,560
317	Drawer Lock 22mm	No.	1	890	890
318	Drawer Lock 26mm	No.	1	890	890
319	Drawer Lock 32mm	No.	1	1,010	1,010
320	Drawer Lock 38mm	No.	1	1,110	1,110
321	Drawer Handle 96mm	No.	1	1,010	1,010
322	Drawer Handle 128mm	No.	1	1,110	1,110
323	Drawer Handle 160mm	No.	1	1,220	1,220
324	Drawer Handle 224mm	No.	1	1,340	1,340
325	Cupboard Shutter Handle 160mm	No.	1	1,440	1,440
326	Cupboard Shutter Handle 192mm	No.	1	1,660	1,660
327	Cupboard Shutter Lock Type-1	No.	1	1,010	1,010
328	Cupboard Shutter Lock Type-2	No.	1	1,220	1,220
329	Cupboard Shutter Lock Type-3	No.	1	1,890	1,890
330	Cupboard Shutter Lock Type-4	No.	1	2,330	2,330
331	Cupboard Shutter Lock Type-5	No.	1	2,730	2,730
332	Drawer Chennels Sliding	P/Inch	1	100	100
333	Drawer Cut Knob with Pin	No.	1	150	150
334	Drawer Knob Simple	No.	1	890	890
335	Drawer Knob Plain Heavy	No.	1	1,110	1,110
336	Drawer Knob Design Heavy	No.	1	1,220	1,220
337	¾" SS Piano Hinge	Rft.	1	130	130
338	5/8" SS Piano Hinge	Rft.	1	120	120

S.#	Item Description	Unit	Qty.	Rate	Amount
339	SS Magnate Catcher 1½"	No.	1	120	120
340	SS Magnate Catcher 2½"	No.	1	270	270
341	Normal Tower Bolt 4"	No.	1	1,020	1,020
342	Normal Tower Bolt 6"	No.	1	1,340	1,340
343	Normal Tower Bolt 8"	No.	1	2,110	2,110
344	Normal Tower Bolt 10"	No.	1	2,680	2,680
345	Normal Tower Bolt 12"	No.	1	3,520	3,520
346	Normal Tower Bolt 18"	No.	1	4,910	4,910
347	Consealed Tower Bolt 8"	No.	1	2,680	2,680
348	Consealed Tower Bolt 10"	No.	1	3,150	3,150
349	Consealed Tower Bolt 12"	No.	1	3,990	3,990
350	Floor Hinge Machine (New Star /Equulieant)	No.	1	18,860	18,860
351	Floor Hinge Machine Main Door (New Star /Equulieant)	No.	1	20,320	20,320
352	5" Door Hinge Normal	No.	1	890	890
353	5" Door Hinge with Bearing	No.	1	1,160	1,160
354	Door's Closer (Local)	No.	1	9,800	9,800
355	Door's Closer (High Quality)		1	31,410	31,410
356	Door's Lock	No.	1	13,320	13,320
357	Italian Door Lock		1	39,360	39,360
358	Round Knob		1	9,800	9,800
359	Panic Latch (Door Lock for stercher) same as existing	Pcs.	1	144,270	144,270
360	Door Frame G.I 18 gauge	Rft	1	1,160	1,160
361	Wooden Door Cylinder Brass (Single side key)	Pcs.	1	1,070	1,070
362	Wooden Door Cylinder Brass (Double side key)	Pcs.	1	1,240	1,240
363	Chapka Kundi Same as existing	Pcs.	1	2,680	2,680
364	Wooden Gatti Big Pkt.	Pkt.	1	420	420
365	Drawer locks	Pcs.	1	1,060	1,060
366	Drawer locks (2 feet Long) Same as existing	Pcs.	1	3,350	3,350
367	Chanel Patty for table Drawer (12") Same as Existing	Pair	1	1,610	1,610
368	Chanel Patty for table Drawer (14") Same as Existing	Pair	1	2,310	2,310
369	Chanel Patty for table Drawer (16") Same as Existing	Pair	1	2,680	2,680
370	Concealed towel bolt Same as existing	Pcs.	1	3,990	3,990
371	Glue (Movilith Germany) 20 Kg Pack	No.	1	30,050	30,050
372	MS Angle	Kg	1	490	490
373	MS Flat Iron	Kg	1	540	540
374	MS Sheet	Kg	1	540	540
375	MS Girder	Kg	1	540	540
376	MS Square Bar	Kg	1	540	540
377	Corrugated Sheet	Kg	1	620	620
378	Steel Bar	Kg	1	650	650

S.#	Item Description	Unit	Qty.	Rate	Amount
379	LPG Cylinder	Kg	1	630	630
	Total:				1,936,400



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Dr. Munaima Khan Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUBS

ELECTRICAL & GENSET MATERIAL

	Item Description	Unit	Qty.	Rate	Amount
1	LED Light (1x4)	Nos.	1	16,950	16,950
2	LED Light (2x2)	Nos.	1	15,900	15,900
3	LED Light Concealed 4" Dia 12 Watts	Nos.	1	3,350	3,350
4	LED Light Concealed 6" Dia 18 Watts	Nos.	1	3,770	3,770
5	LED Light Concealed 8" Dia 18 Watts	Nos.	1	4,610	4,610
6	LED Light Fix Surface 8" Dia 18 Watts	Nos.	1	4,360	4,360
7	LED Tube Light	Nos.	1	3,520	3,520
8	Bulb Energy Saver 40 Watts	Nos.	1	2,600	2,600
9	Bulb Energy Saver 18 Watts	Nos.	1	540	540
10	LED Light External 200 Watts	Nos.	1	46,570	46,570
11	LED Light External 150 Watts	Nos.	1	27,640	27,640
12	LED Light Holder (Normal)	Nos.	1	620	620
13	LED Bulb 12.5 W, 6000K	Nos.	1	600	600
14	Jumbo Ceiling Bulb Holder Threaded type, E27 base	Nos.	1	550	550
15	Ultra Violet Tube Light 2' length for Insect killer)	Nos.	1	2,760	2,760
16	S2 Starter for UV Light 4-65 W, 220V	Nos.	1	2,510	2,510
17	36W/40W choke (Electronic type)	Nos.	1	2,510	2,510
18	Switch Sheet 1 Gang	Nos.	1	2,600	2,600
19	Switch Sheet 2 Gang	Nos.	1	2,850	2,850
20	Switch Sheet 3 Gang	Nos.	1	3,270	3,270
21	Switch Sheet 4 Gang	Nos.	1	3,550	3,550
22	Switch Sheet 5 Gang	Nos.	1	3,850	3,850
23	SWITCH SHEETS MULTI 13 Amp	Nos.	1	2,930	2,930
24	SWITCH SHEETS UNIVERSAL 13 Amp	Nos.	1	2,970	2,970
25	SWITCH SHEETS THREE PIN 15 Amp	Nos.	1	2,610	2,610
26	SWITCH LIGHT PLUG SHEET 5 Amp	Nos.	1	2,580	2,580
27	SWITCH SHEETS MULTI FLAT PIN 13 Amp	Nos.	1	2,510	2,510
28	3-pin plug 10A rating	Nos.	1	540	540
29	CABLE LUGS 240 MM	Nos.	1	1,840	1,840
30	CABLE LUGS 185 MM	Nos.	1	1,590	1,590
31	CABLE LUGS 120 MM	Nos.	1	1,090	1,090
32	CABLE LUGS 70 MM	Nos.	1	960	960
33	CABLE LUGS 50 MM	Nos.	1	750	750
34	CABLE LUGS 35 MM	Nos.	1	550	550
35	CABLE LUGS 25 MM	Nos.	1	350	350
36	CABLE LUGS 16 MM	Nos.	1	310	310
37	CABLE LUGS 10 MM	Nos.	1	240	240
38	CABLE LUGS 6 MM	Nos.	1	180	180
39	CABLE LUGS 4 MM	Nos.	1	140	140

Sl. No.	Item Description	Unit	Qty.	Rate	Amount
40	2.5mm2 cable lugs	Nos.	1	110	110
41	ELECTRIC CABLE SIZE 1 CORE 1.5 MM	Coil	1	15,750	15,750
42	ELECTRIC CABLE SIZE 1 CORE 2.5 MM	Coil	1	26,090	26,090
43	ELECTRIC CABLE SIZE 1 CORE 4 MM	Coil	1	41,120	41,120
44	ELECTRIC CABLE SIZE 1 CORE 6 MM	Coil	1	60,100	60,100
45	ELECTRIC CABLE SIZE 1 CORE 10 MM	Coil	1	100,270	100,270
46	ELECTRIC CABLE SIZE 1 CORE 16 MM	Mtr.	1	1,560	1,560
47	ELECTRIC CABLE SIZE 1 CORE 25 MM	Mtr.	1	2,470	2,470
48	ELECTRIC CABLE SIZE 1 CORE 35 MM	Mtr.	1	3,350	3,350
49	ELECTRIC CABLE SIZE 1 CORE 50 MM	Mtr.	1	4,610	4,610
50	ELECTRIC CABLE SIZE 1 CORE 70 MM	Mtr.	1	6,780	6,780
51	ELECTRIC CABLE SIZE 1 CORE 95 MM	Mtr.	1	7,710	7,710
52	ELECTRIC CABLE SIZE 1 CORE 120 MM	Mtr.	1	14,240	14,240
53	ELECTRIC CABLE SIZE 2.5 CORE 4 MM	Mtr.	1	87,940	87,940
54	ELECTRIC CABLE SIZE 4 CORE 4 MM	Mtr.	1	1,760	1,760
55	ELECTRIC CABLE SIZE 4 CORE 6 MM	Mtr.	1	2,650	2,650
56	ELECTRIC CABLE SIZE 4 CORE 10 MM	Mtr.	1	4,610	4,610
57	ELECTRIC CABLE SIZE 4 CORE 16 MM	Mtr.	1	6,530	6,530
58	ELECTRIC CABLE SIZE 4 CORE 25 MM	Mtr.	1	9,170	9,170
59	ELECTRIC CABLE SIZE 4 CORE 35 MM	Mtr.	1	14,070	14,070
60	ELECTRIC CABLE SIZE 4 CORE 50 MM	Mtr.	1	18,760	18,760
61	ELECTRIC CABLE SIZE 4 CORE 70 MM	Mtr.	1	26,800	26,800
62	ELECTRIC CABLE SIZE 4 CORE 120 MM	Mtr.	1	36,010	36,010
63	ELECTRIC CABLE SIZE 4 CORE 185 MM	Mtr.	1	49,920	49,920
64	ELECTRIC CABLE SIZE 4 CORE 240 MM	Mtr.	1	68,840	68,840
65	Rawl Bolt M6, 6 x 55mm	Nos.	1	250	250
66	Rawl Bolt M8, 8 x 65mm	Nos.	1	270	270
67	Rawl Bolt M10, 10 x 75mm	Nos.	1	270	270
68	Rawl Bolt M12, 12 x 105mm	Nos.	1	350	350
69	Electrical Blank Sheet Square shaped	Nos.	1	1,040	1,040
70	TP-MCB 6KA 63A	Nos.	1	25,460	25,460
71	55 micro-farad capacitor	Nos.	1	10,050	10,050
72	24V-10A Battery Charger Fully Automatic Switch Mode Design, with Battery Reverse-Polarity, Battery over-charging, Over Current & Thermal Protection, LED lights indicator showing charging and battery status, Can charge different lead-acid batteries up to 260Ah	Nos.	1	8,710	8,710
73	Volt Meter + Selector switch	Nos.	1	9,720	9,720
74	Ammeter + Selector switch	Nos.	1	9,880	9,880
75	32A TP MCB Terasaki /ABB / Schneider	Nos.	1	40,200	40,200

	Item Description	Unit	Qty.	Rate	Amount
76	63A TP MCB Terasaki /ABB / Schneider	Nos.	1	40,200	40,200
77	225A TP MCCB Terasaki /ABB / Schneider	Nos.	1	100,500	100,500
78	400A TP MCCB Terasaki /ABB / Schneider	Nos.	1	298,150	298,150
79	600A TP MCCB Terasaki /ABB / Schneider	Nos.	1	335,000	335,000
80	800A TP MCCB Terasaki /ABB / Schneider	Nos.	1	670,000	670,000
81	1000A TP MCCB Terasaki /ABB / Schneider	Nos.	1	703,500	703,500
82	1200A TP MCCB Terasaki /ABB / Schneider	Nos.	1	1,465,630	1,465,630
83	1600A TP MCCB Terasaki /ABB / Schneider	Nos.	1	1,591,250	1,591,250
84	300mm2 Copper Gland Brass	Nos.	1	4,190	4,190
85	300mm*100mm cable tray (with cover) Perforated, powder coated with all fixing accessories	Rft.	1	4,190	4,190
86	Current transformer 300/S	Nos.	1	8,380	8,380
87	Current transformer 500/S	Nos.	1	12,560	12,560
88	Under / Over Voltage Relay (EVR)	Nos.	1	41,880	41,880
89	Timer with Base for Panel	Nos.	1	12,560	12,560
90	Relay 220 Volt for Panel	Nos.	1	9,210	9,210
91	Oil Cultus / Delo Gold	Liter	1	2,240	2,240
92	Radiator Coolant	Liter	1	3,850	3,850
93	Cable CAT-6 (Make 3M / Corning) (305 Mtr. Coil)	Coil	1	81,240	81,240
94	Cable Fiber 6 Core Multimode (2 Km)	Coil	1	1,760	1,760
95	Cable Fiber 6 Core Singlemode (2 Km - above)	Coil	1	4,520	4,520
96	Cable Telecom 25 Pairs Copper	Coil	1	2,760	2,760
97	Cable Telecom 50 Pairs Copper	Coil	1	3,520	3,520
98	Patch Cord (1 Mtr.) RJ45	Each	1	2,260	2,260
99	Patch Cord (3 Mtr.) RJ45	Each	1	3,270	3,270
100	Patch Cord (1 Mtr.) Fibre	Each	1	4,610	4,610
101	Patch Cord (3 Mtr.) Fibre	Each	1	6,530	6,530
102	Face Plate (Single)	Each	1	940	940
103	Face Plate (Double)	Each	1	1,320	1,320
104	RFID CARDS:ISO Standard, Credit Card size PVC proximity cards	Each	1	840	840
105	ELECTROMAGNETIC LOCKS / Electromagnetic / Magnetic / door locks with magnetic door contacts for single door as shown in the drawings and schematic diagrams, including all mounting accessories, power supply adapters.	Each	1	17,590	17,590
106	DOOR LOCKS: Electronic drop bolt door locks with door contacts for single door as shown in the drawings and schematic diagrams, including all mounting accessories, power supply adapters.	Each	1	10,050	10,050

	Item Description	Unit	Qty.	Rate	Amount
107	Control and Communication Wiring for Door Access Control System from Door Controller, Interface Module to Readers / MHL etc. in appropriate size of PVC Conduit. Complete with all interconnections.	Each	1	25,130	25,130
108	Industrial Socket: CEE-17 , 32A, 3-Pin Angled Industrial Sockets with male type connecting plugs (IP-67)	Each	1	5,030	5,030
109	Room Access Controller with Keypad and Thumb Impression	Each	1	276,380	276,380
110	7AH x 12V Sealed Maintenance Free VRLA Battery	Each	1	9,720	9,720
111	Safety Fire Extinguishers CO2 2 kg	Each	1	11,390	11,390
112	Mobiak Fire Extinguisher Trolley Type CO2 45KG	Each	1	151,590	151,590
113	Power Supply CPU	Each	1	9,210	9,210
114	RAM DDR-4 (4 GB Single Slot)	Each	1	7,040	7,040
115	RAM DDR-4 (8 GB Single Slot)	Each	1	14,240	14,240
116	DVI Cable CPU to LED	Each	1	2,640	2,640
117	HDMI Cable CPU to LED (1 Mtr)	Each	1	5,360	5,360
118	HDMI Cable CPU to LED (3 Mtr)	Each	1	16,080	16,080
119	Generator Batteries 180 Ah	Nos.	1	99,160	99,160
120	Generator Batteries 200 Ah	Nos.	1	103,850	103,850
121	Oil Delo Gold	Lit.	1	2,090	2,090
122	Air Filter (500 Kva NO. CH 11038)	No.	1	31,490	31,490
123	Air Filter (250 Kva NO. 4881643)	No.	1	53,600	53,600
124	Primary Fuel Filter 500 kva NO. CH 10930	No.	1	7,710	7,710
125	Secondary Fuel Filter 500 kva NO. CH 10931	No.	1	6,200	6,200
126	Primary Fuel Filter 250 kva NO. 4587258	No.	1	16,670	16,670
127	Secondary Fuel Filter 250 kva NO. 4587259	No.	1	16,500	16,500
128	Oil Filter (500 Kva NO. CH 10929)	No.	1	7,540	7,540
129	Oil Filter (250 Kva NO. 4587260)	No.	1	16,580	16,580
130	Water Separator (Fed Guard)	No.	1	29,310	29,310
131	Water Separator (Dosan)	No.	1	28,810	28,810
132	Hose Pipe 2" Dia	Ft.	1	1,260	1,260
133	Hose Pipe 3" Dia	Ft.	1	1,930	1,930
134	Hose Pipe 4" Dia	Ft.	1	25,960	25,960
135	Hose Pipe Jublee Clip 2" Dia	Nos.	1	500	500
136	Hose Pipe Jublee Clip 3" Dia	Nos.	1	710	710
Total:					7,323,220

ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi

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AND RESEARCH CENTER-KHI

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Office Of The Director Works & Services DOW UNIVERSITY OF HEALTH SCIENCES

SINDH INFECTIOUS DISEASES HOSPITAL & RESEARCH CENTER KARACHI.

ST-8, Block No. 10, Gulshan-e-Iqbal, Karachi. Direct No. 92-21- 99222568

Website: www.duhs.edu.pk E-mail: rahim.khan@duhs.edu.pk

No. DIR(W&S-DUHS-SIDH&RC)/NIT-2024-25/1453

Dated: March 20, 2025

TENDER NOTICE

SINDH INFECTIOUS DISEASES HOSPITAL & RESEARCH CENTER AT NIPA, KARACHI (SIDH&RC) invites e-bids through E-Pak Acquisition & Disposable System (EPADS) from well-reputed Companies / Bidders / firms having registration with Federal Board of Revenue (FBR), Income Tax Department, Sindh Revenue Service Board & Sales Tax.

S.#	NAME OF WORK	METHOD OF PROCUREMENT
1.	HIRING OF JANITORIAL SERVICES. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-06	Single Stage - Two Envelope Procedure as per rule 46 sub rule-2 of SPP Rules 2010 (Amended upto date)
2.	OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT AND BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS, ELECTRICAL WORKS & GENERATOR SYSTEM WORKS. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-07	Single Stage - Two Envelope Procedure as per rule 46 sub rule-2 of SPP Rules 2010 (Amended upto date)

Tender Fee	Rs. 5,000/- (Rupees Five Thousand Only) Non-Refundable in shape of Pay Order / Demand Draft in favor of Dow University of Health Sciences, Karachi.
Security	Bid Security and Performance Security as mentioned in the bidding document.

E-Bidding documents as per detailed terms and conditions, specifications and requirements are available for the registered bidders on Sindh Public Procurement Regulatory Authority's EPADS at <https://portalsindh.eprocure.gov.pk/#/> and University website <https://duhs.edu.pk> on the payment noted above (non-refundable) on any working day except the day of opening of tenders.

The electronics bids must be submitted using EPADS before closing time 10-04-2025 at 10:00 Hrs. Manual bids, shall not be accepted. Electronic Bids will be opened on 10-04-2025 at 11:30 Hrs. The tender fee (non-refundable) and earnest money of total bid (refundable) in the form of a Pay Order or Demand Draft issued by a Scheduled Bank of Pakistan in favor of Dow University of Health Sciences, Karachi should be submitted at the Office of the Medical Superintendent, Sindh Infectious Diseases Hospital & Research Center, ST-8, Block No. 10, Gulshan-e-Iqbal, Karachi before the deadline for submission of Electronic Bids through EPADS. In case of any unforeseen situation resulting in the closure of the office on the date of opening or if Government declares Holiday the tenders shall be submitted/opened on the next working day at the same time & venue. The Procuring Agency reserves the right to reject any or all bids subject to relevant provisions of SPP Rules, 2010 (Amended upto date) and may cancel the bidding process at any time prior to the acceptance of a bid or proposal under "Rule-25" of said Rules.

For any query for e-bidding, contact the Office of the Medical Superintendent, Sindh Infectious Diseases Hospital & Research Center, ST-8, Block No. 10, Gulshan-e-Iqbal, Karachi.

DIRECTOR

Works & Services

Dow University of Health Sciences, Karachi

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DAWN SATURDAY MARCH 22, 2025



Office Of The Director Works & Services DOW UNIVERSITY OF HEALTH SCIENCES

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ہفتہ 21 / رمضان المبارک 1446ھ 22 / مارچ 2025ء

روزنامہ جنگ کراچی ہفتہ 22 / مارچ 2025ء



Office Of The Director Works & Services DOW UNIVERSITY OF HEALTH SCIENCES

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1.	HIRING OF JANITORIAL SERVICES. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-06	Single Stage – Two Envelope Procedure as per rule 46 sub rule-2 of SPP Rules 2010 (Amended upto date)
2.	OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT AND BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS, ELECTRICAL WORKS & GENERATOR SYSTEM WORKS. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-07	Single Stage – Two Envelope Procedure as per rule 46 sub rule-2 of SPP Rules 2010 (Amended upto date)

Tender Fee	Rs. 5,000/- (Rupees Five Thousand Only) Non-Refundable in shape of Pay Order / Demand Draft in favor of Dow University of Health Sciences, Karachi.
Security	Bid Security and Performance Security as mentioned in the bidding document.

E-Bidding documents as per detailed terms and conditions, specifications and requirements are available for the registered bidders on Sindh Public Procurement Regulatory Authority's EPADS at <https://portalsindh.eprocure.gov.pk/#/> and University website <https://duhs.edu.pk> on the payment noted above (non-refundable) on any working day except the day of opening of tenders.

The electronics bids must be submitted using EPADS before closing time 10-04-2025 at 10:00 Hrs. Manual bids, shall not be accepted. Electronic Bids will be opened on 10-04-2025 at 11:30 Hrs. The tender fee (non-refundable) and earnest money of total bid (refundable) in the form of a Pay Order or Demand Draft issued by a Scheduled Bank of Pakistan in favor of Dow University of Health Sciences, Karachi should be submitted at the Office of the Medical Superintendent, Sindh Infectious Diseases Hospital & Research Center, ST-8, Block No. 10, Gulshan-e-Iqbal, Karachi before the deadline for submission of Electronic Bids through EPADS. In case of any unforeseen situation resulting in the closure of the office on the date of opening or if Government declares Holiday the tenders shall be submitted/opened on the next working day at the same time & venue. The Procuring Agency reserves the right to reject any or all bids subject to relevant provisions of SPP Rules, 2010 (Amended upto date) and may cancel the bidding process at any time prior to the acceptance of a bid or proposal under "Rule-25" of said Rules.

For any query for e-bidding, contact the Office of the Medical Superintendent, Sindh Infectious Diseases Hospital & Research Center, ST-8, Block No. 10, Gulshan-e-Iqbal, Karachi.

DIRECTOR

Works & Services

Dow University of Health Sciences, Karachi

DR. FURKAN HYDER
Consultant
MBBS FCPS (Anaesthesia)
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

DR. HASAN ALI SHAH
MBBS-FCPS
ANAESTHESIOLOGIST
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI

Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS

ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi

DR. ABDUL WAHID RAJPT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTRE-KHI



Tender Search Filters

Procurement Name

BMIS

Department Name

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Procurement Status

Select

Tender No

Published Date

mm/dd/yyyy

Closing Date

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Tender Worth

Select

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Public Tenders

Sort By:

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EPADS-S-250331870

OPERATION, RUNNING, R&M OF HVAC
EQUIPMENT & BUILDING MANAGEMENT
INFORMATION SYSTEM (BMIS),
GENERAL MAINTENANCE WORKS,
ELECTRICAL WORKS & GENERATOR
SYSTEM WORKS (Ref No. DIR(W&S-
DUHS/SIDH&RC)-NIT-07) NIT NO:
DIR(W&S-DUHS-SIDH&RC)/
NIT-2024-25/1453

Department Name: Director (Works &
Services), Dow University of Health
Sciences Karachi

Status: In-Progress

Location: Karachi south

View/Download

PA Published Documents

Published Date: Mar 25, 2025, 3:01 PM

Closing Date: Apr 10, 2025, 10:00 AM

Bid Opening Date: Apr 10, 2025, 11:30 AM

Validity Date: Jul 9, 2025

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Go

DR. FURKAN HYDER
Consultant
MBBS FCPS (Anaesthesia)
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


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MBBS, DCH, MCPS, MPH, FCPS,
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Community Health Sciences
Dow Medical College Karachi DUHS

- NIT No: DUHS/DP/2024/293 Dated 12 November 2024." Procurement of Equipment and Machinery required for BSL-3 Laboratory under ADP Scheme Establishment of Bio Safety Lab. (BSL-III) at Sindh Infectious Diseases Control Hospital & Research Centre at Karachi (Click here to download the Corrigendum – CS & PP-293)
- Cancellation Notice of Tender NIT No: DUHS/DP/2025/306-314 Dated 04 February 2025. (Ref. No. DUHS/DP/2025/306)
- Cancellation Notice of Tender NIT No: DUHS/DP/2025/306-314 Dated 04 February 2025. (Ref. No. DUHS/DP/2025/307)
- Cancellation Notice of Tender NIT No: DUHS/DP/2025/306-314 Dated 04 February 2025. (Ref. No. DUHS/DP/2025/312)
- NIT # DIR(W&S-DUHS-SIDH&RC)/NIT-2024-25/1453, Dated: 20 March, 2025.
- HIRING OF JANITORIAL SERVICES. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-06
- OPERATION, RUNNING, REPAIR AND MAINTENANCE OF HVAC EQUIPMENT AND BUILDING MANAGEMENT INFORMATION SYSTEM (BMIS), GENERAL MAINTENANCE WORKS, ELECTRICAL WORKS & GENERATOR SYSTEM WORKS. REF No. DIR(W&S-DUHS/SIDH&RC)-NIT-07
- IFB / NIT No:DUHS/DP/2025/316 Dated 20 March 2025, the Bidding Documents on DUHS Website with following caption "Procurement of Ampoule Filling Machine at Dow University of Health Sciences, Karachi"
- (Click here to download the Bidding Documents)
- IFB / NIT No: DUHS/DP/2025/315 Dated 18 March 2025, "Procurement of Furniture/Fixtures for Centre of Emerging Technologies at Dow University of Health Sciences, Karachi"
- (Click here to download the Bidding Documents)
- NIT # DUHS/W&S/2025/1450 Dated: 13th March, 2025
- "Construction of Dow Appna (Center of Emerging Technologies) at Ojha Campus, DUHS, Karachi."
- NIT # DUHS/W&S/2025/1440 Dated: 06th March, 2025


Dr. Muhammad Khalid Shafi
MBBS, DCH, MCPS, MPH, FCPS,
Associate Professor
Community Health Sciences
Dow Medical College Karachi DUHS


DR. ABDUL WAHID RAJPUT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTRE-KHI


DR. FURKAN HYDER
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SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTER-KHI


ENGR. ABDUL RAHIM KHAN
Director
Works & Services Department
Dow University of Health Sciences
Karachi

CERTIFICATE FOR VERIFICATION OF BID SECURITY

This is to certify that the bid security Pay Order No. 0155.6076080 of amounting Rs. 4,500,000/- dated 5th April, 2025 of Meezan Bank Karachi, submitted by the bidder along with bid have been verified by the bank as required under Rule-37(3) of the SPP Rules 2010 (Amended up to date) pertaining to the IFB/NIT No DIR(W&S-DUHS-SIDH&RC)/NIT-2024-25/1453, Dated 20th March, 2025, for "Operation, Running, Repair And Maintenance Of HVAC Equipment & Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Works. Ref No: DIR(W&S-DUHS)/SIDH&RC-07, EPADS ID# S-250331870



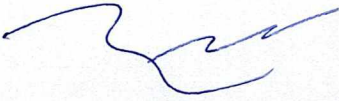

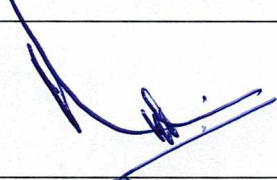

Dr. Abdul Wahid Rajput (Chairman)

Medical Superintendent
SIDH&RC-Nipa Karachi

DR. ABDUL WAHID RAJPUT
Medical Superintendent
SINDH INFECTIOUS DISEASES HOSPITAL
AND RESEARCH CENTRE-KHI

CERTIFICATE

This is to certify that the prices are comparable with the provision of market rates in respect of the technically qualified bid for the Operation, Running, Repair And Maintenance Of HVAC Equipment & Building Management Information System (BMIS), General Maintenance Works, Electrical Works & Generator System Works. In respect of **NIT No. DIR(W&S-DUHS-SIDH&RC)/NIT-2024-25/1453**, Dated 20th March, 2025, **Ref No: DIR(W&S-DUHS)/SIDH&RC-07, EPADS ID# S-250331870**, for which technical E-bids were opened online as on 10th April, 2025 at 11:30 a.m. and financial E-bid opened online as on 21st April, 2025 at 11:05 a.m.

S.No	NAME OF MEMBERS	SIGNATURE
1	Dr. Abdul Wahid Rajput (Chairman) Medical Superintendent SIDH&RC-Nipa, Karachi	
2	Dr. Muhammad Khalid Shafi (Member) Associate Professor, Community Medicine, DUHS	
3	Mr. Abdul Rahim Khan (Member) Project Director, Planning & Development, DUHS	
4	Mr. Furkan Hyder (Member) Consultant Anaesthesiologist, SIDH&RC-Nipa, Karachi	
5	Dr. Hasan Ali Shah (Member) Anaesthesiologist, SIDH&RC-Nipa, Karachi	