

### KARACHI DEVELOPMENT AUTHORITY OFFICE OF THE EXECUTIVE ENGINEER SPECIAL DEVELOPMENT PROJECTS

5th floor, Civic Centre, Gulshan-e-Iqbal, Karachi.

No. EE/SDP/KDA/2018/126

To,
M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineer's
A-27, Block 13-A,
University Road, Gulshan-e-Iqbal,
Karachi.

#### (WORK ORDER)

# Subject: <u>REVAMPING OF MEHMOODABAD NALA FROM MALIR BUND/KPT</u> FLYOVER TO MEHMOODABAD.

The competent authority has been pleased to award you the contract for the above mentioned work amounting to Rs. Rs. 564,823,040.00/- (Five hundred and sixty four million, eight hundred and twenty three thousand and forty only). You may therefore contact the Executive Engineer (Concerned) for obtaining necessary information and instructions.

Please note that work should be carried out strictly in accordance with the specification, design & drawings, terms & conditions as per the contract agreement executed between M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineering Pvt. Ltd. and Executive Engineer (SDP), KDA. The time of completion of work is 18 Months, which shall commence from the date of start which will be within 14 days' time from the receipt of this work order. Limitation of expenditure up to Engineers Estimated cost of Rs. 474,057,833.50 till approval of modified / revised PC-I by the competent forum.

In case of failure to complete the work within the specified time, penalty shall be imposed @ 0.03% of the contract price for each day of delay in completion of the Works subject to a maximum of 10% of Contract Price. In case you failed to commence the work within Fourteen (14) days after the receipt of work order, action under the relevant clause of the contract agreement shall be initiated against you.

Executive Engineer,

Dated: 29/03/18

SDP, KDA.

#### Copy for information:

- Chief Engineer (Dev), KDA.
- 2. P.S to Director Genera, KDA.

### SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

### CONTRACT EVALUATION FORM

### TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

		-
1)	NAME OF THE ORGANIZATION / DEPTT. BDP, Karachi Development Alboria	4
2)	PROVINCIAL/LOCAL GOVT/OTHER Local Government Department	
3)	TITLE OF CONTRACT Reventing of Mehmoodained Nala from Malis Burney	KPI
4)	TENDER NUMBER	
5)	BRIEF DESCRIPTION OF CONTRACT	
6)	FORUM THAT APPROVED THE SCHEME PDWP	
7)	TENDER ESTIMATED VALUE 500 million	
8)	ENGINEER'S ESTIMATE (For civil works only)  474057833  -	
9)	ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 18 months	
10)	TENDER OPENED ON (DATE & TIME) 9th March 2018 @ 2:30 p.m.	
11)	NUMBER OF TENDER DOCUMENTS SOLD 02 tuo (Attach list of buyers)	
12)	NUMBER OF BIDS RECEIVED 02 Euro	
13)	NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS	
14)	BID EVALUATION REPORT	
	(Enclose a copy) M/s. Kainkham Brethers J.V M/s. M. News Engine	er's
15)	NAME AND ADDRESS OF THE SUCCESSFUL BIDDER A-27, Block 13A, Gulshan Ighal, Univerty	oal
	CONTRACT AWARD PRICE 564, 823, 040	i
17)	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> EVALUATION BID).	
	2) M/s. Kaim Klumi Brothers J.V M/s. M. Naway E.	ancers.
	1511 1 15 11 1 1 1 1 1 1 1 1 1 1 1 1 1	)
	2) Byls. Sullan Mehmood of Co.	
18)	METHOD OF PROCUREMENT USED : - (Tick one)	
	a) SINGLE STAGE – ONE ENVELOPE PROCEDURE Domestic/ Local	
	b) SINGLE STAGE – TWO ENVELOPE PROCEDURE	
	c) TWO STAGE BIDDING PROCEDURE	
	d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE	
	PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e.	
	EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:	
	Mindell Ne	

Abdul Muttalib Mannan

Executive Engineer
Engineering Department
Karachi Development Authority

19)	APPRO	VING AUTHORITY FOR AWAI	RD OF CONTRAC	T_Chai	man	Procurem	נים מח
20)	WHETH	HER THE PROCUREMENT WAS	S INCLUDED IN A	ANNUAL PRO	Yes V	Γ PLAN?	
21)	ADVER	TISEMENT :					
			Vi	l'es			
	i)	SPPRA Website (If yes, give date and SPPRA Ide	ntification No.	35	172		
		(II yes, give date and SFFKA ide		No	•		
	ii)	News Papers	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. 1-		7	
	11)	(If yes, give names of newspaper	s and dates)	res June	Expre	us, Down	
				Suca	me Alde	iz	
			1	No			
22)	NATID	E OF CONTRACT			Domestic/	Int.	
22)	NATUR	E OF CONTRACT	1		Local	Int.	
23)		IER QUALIFICATION CRITERI					
		ICLUDED IN BIDDING / TEND enclose a copy)	ER DOCUMENTS	?			
	(11 ) 00, 1	sherose a copy)	<b>\</b> )) .		Yes	No	
24)	WHETH	HER BID EVALUATION CRITE	RIA	Page.	V 100	<del></del>	
708	WAS IN	ICLUDED IN BIDDING / TEND		?	Yes V	No	
	(If yes, e	enclose a copy)					
25)	WHETE	HER APPROVAL OF COMPETE	NT AUTHORITY	WAS OBTAIN	FD FOR US	ING A	
,		DD OTHER THAN OPEN COMP			Yes V	No No	
			7	V			
26)	WAS B	ID SECURITY OBTAINED FRO	M ALL THE BIDE	DERS?	Yes V	No	
				-W			
27)		HER THE SUCCESSFUL BID WAR		LUATED	Yes 🗸	No	
	BID / B	EST EVALUATED BID (in case of	of Consultancies)				
28)	WHETH	IER THE SUCCESSFUL BIDDE	R WAS TECHNIC	ALLY	Yes	No	
	COMPL						
29)		IER NAMES OF THE BIDDERS	S AND THEIR QU	JOTED PRICE	S WERE RE	EAD OUT AT	
	THETI	ME OF OPENING OF BIDS?			Yes 🗸	No	
30)	WHETE	IER EVALUATION REPORT	GIVEN TO RI	DDERS BEF	ORE THE	AWARD OF	
50)	CONTR	ACT?	31.21. 10 DII		11111		
	(Attach	copy of the bid evaluation report)	· M.A.	p	Yes V	No	
			miller				

Abdul Muttalib Mannan
Executive Engineer
Engineering Department
Karachi Development Authority

31) ANY COMPLAINTS RECEIVED (If yes, result thereof)	Yes
j	No
<ol> <li>ANY DEVIATION FROM SPECIFICATIONS GIVEN IN T (If yes, give details)</li> </ol>	THE TENDER NOTICE / DOCUMENTS
(11 ) 101, (3.17 41)	Yes
	No
33) WAS THE EXTENSION MADE IN RESPONSE TIME? (If yes, give reasons)	Yes
	No
34) DEVIATION FROM QUALIFICATION CRITERIA	Tw. I
(If yes, give detailed reasons.)	Yes
	No t
35) WAS IT ASSURED BY THE PROCURING AGENCY OF BLACK LISTED?	THAT THE SELECTED FIRM IS NOT  Yes No No
36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF SUPPLIER'S PREMISES IN CONNECTION WITH THE BE ASCERTAINED REGARDING FINANCING OF VISIT (If yes, enclose a copy)	PROCUREMENT? IF SO, DETAILS TO
37) WERE PROPER SAFEGUARDS PROVIDED ON MOB THE CONTRACT (BANK GUARANTEE ETC.)?	ILIZATION ADVANCE PAYMENT IN  Yes No
38) SPECIAL CONDITIONS, IF ANY (If yes, give Brief Description)	Yes
Am Jan	No '
Signature & Official Stamp of Authorized Officer  Authorized Officer  Authorized Officer  Karachi Development Authority	
FOR OFFICE USE ONLY	
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<u>SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi</u> Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Print Save Reset

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### KARACHI DEVELOPMENT AUTHORITY (KDA)



Pay Order No: 011372

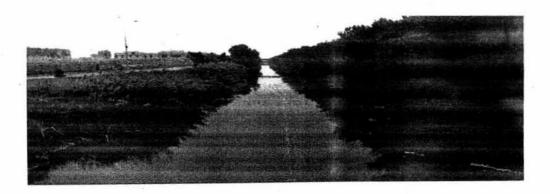
Dated: 26/2/18

Bank & 5000

Signature & sump o

### **PROJECT**

Revamping of Mahmoodabad Nala from Malir Bund/KPT Flyover To Mahmoodabad





VOLUME-III BILL OF QUANTITIES MINAWAZ E

MINAWAZ ENGLEED

FEBRUARY 2018

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EA Consulting (Pvt.) Ltd.

(Formerly Engineering Associates )

Consulting Engineers & Architects, Economists and Planning Experts

Head Office: AL-9\_18th Lane, Khayaban-e-Hilal Phase VII, D.H.A., Karachi-75500.,
El (omulting Pvt Ltd Tel:111-111-584, Eax: (0213) 584-1825, E-mail: Info@eaworld.com, URL: www.eaworld.com

11-584, Ear.: (0213) 584-1825, E-mail: info@eaworld.com

### KARACHI DEVELOPMENT AUTHORITY (KDA)



### **PROJECT**

Revamping of Mahmoodabad Nala from Malir Bund/KPT Flyover To Mahmoodabad





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VOLUME-III
BILL OF QUANTITIES

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# **BILL OF QUANTITIES**

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Bill of Quantifies Grand Summary							
S.No	Description	Cost of Schedule Item	Cost of Non- Schedul				
1	Earth Work	Rs. 101770555	Rs-18606976				
2	Structure 364809040.6	Rs. (38484040	12,03,77,530				
3	Sewerage System 5479790	Rs. 5713232	Rs. 858932				
4	Road Works 33768221	Rs. 33768240	633872153				
5	Electrification 37564520	Rs. 39529520					
	Total (Rs.)	Ps. 570265.587	Pr. 1846 5900				
Pre	mium of 20% below/above on Scheduled Items (Rs.)		not !				
Τ.	otal Cost with Premium (Rs.)	Be. 58973149	De Miller				

QAMAR SAEED

Procurement Committee FEROZE HASSAN SIDDIQUE Procurement Committee

MEMBER

Procurement Committee

Karachi Development Authority

Karachi Development Authority

ABDUL MUTALIB MA ABOUL MUTALIB my CHAIRMEN CHAIRMEN CHAIRMEN Procurement Committee

Karachi Development Authority Procurement Committee

Karachi Development Authority Procurement Committee

Color Barrie	BILL OF QUANTITIES (	EARTH W	SCHOOL STATES		AMOUNT
5.NO	ITEM DESCRIPTION	TINU	QTY	RATE	AMOUNT (Rs.)
HEDULE	DITEMS THE STATE OF THE STATE O		としてお客様は		NAME OF THE OWNER OWNER OF THE OWNER OWNE
1	Excavation in trenches, and pits in slushy daldaly soil I/C trimming and dressing sides to true alignment and shape levelling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by engineer Incharge. Providing frace guards, lights, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft. (1.52m) and lead upto one chain (30.5m)			, 8	
				2	-17 3800
1.2	Add for additional lift of every 1m or part there for excavation for trenches and pits.			, 00	14100250
1.2.1	1.5 m to 2.5 m	m³	33,267.86	423-84	12 200 617
1.2.2	2.5 m to 3.5 m 3.5 m to 4.5 m	m³	34,852.04 3,459.86	999.98	1783303/
1.3	Earthwork excavation in irrigation channels, drains etc, dressed to desiged section grades and profiles excavated material disposed off and dressed within 50 ft. lead		3,437,00	1/	700000
1.3.1	Soft Soil	m³	1,482.80	353.26	523725
2	Carriage of 100 Cft/5 Tons of all type of excavated materials like garbage, earth, stone aggregate, spawl, coal, lime, surkhi etc: B.G Rails fastening points and crossing bridge, girder, pipes, sheets rails, M.S bars etc: by trucks or any other means owned by the contractor.	m³			25805693
	BACKFILLING				
3	Filling, watering and ramming earth under floor with new earth (Excvated from outside) lead upto once chain and lift upto 1.5m	m³	4,846.37	141.28	684695
4	Carriage of 100 Cft/5 Tons of all type of materials like backfill, garbage, earth, stone aggregate, spawl, coal, lime, surkhi etc: B.G. Rails fastening points and crossing bridge, girder, pipes, sheets rails, M.S. bars etc: by trucks or any other means owned by the contractor.				Į.
4.1	10th Mile	m <sup>3</sup>	4,846.37	353.20	1711738
	COFFER DAM			033 6	
5	Temporary construction of coffer dam used of synthetic bags new / Ist bharti 4 to 5 cft. capacity with sand or earth sewing lying in position under water.		53,288.68	500.00	26644346
	DEWATERING				
6	Bailing or pumping out sub soil water during excavation, concreting, cost in situ concrete or masonary work in foundation etc.	m³	36,531.28	353.20	12902848
	Dismantling of RCC				
7 .	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straigtening the same.	m³	312.00	1059.60	330595
	UL TOTAL	AMOUNT	F SCHEDULED	TEMS (Pk. Rs.)	1017770555
on-Sche	duled Items	經營部等	THE RESIDENCE	A SOLVER TO SEE	也是例如6.7235
8	Providing fabricating and fixing M.S ladder /rungs as shown in drawing complete with all fixing arrangements (rawal bolt, etc.) as shown in drawing enamel painting with rust proof paint (at any height in any floor) etc., complete in all respects as per drawing, standard, specifications and directed by the Engineer.	No.	55.00	2000	110000

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S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
Chevilla Marie	CLEANING OF DRAIN		の大力を表示の大利の	(FERRITE SERVICE)	Section of Mariantes
9	Cleaning of Existing Drain Nala Cleaning of sewerage/Strom Nala completely restoring silt free space of Nala by labor and equipment mechanically/electrically driven i/c accessories, draggers sizing from Corner to corner and spacified length from downstream to upstream to ensure perfect cleaning. The job includes all the hire/cost of equipment and accessories of above winching machine /devise along with tractors/ engines and other protection like safety barriers, traffic signs, traffic cones ensuring no damage to pipe line along with ensuring safety to labor land other public property/lives and removal of silt /solids during the silting and clearance of site etc. complete as per satisfaction of site engineer.	m²	27,600.00	635.76	17546976
	CONNECTION WITH EXISTING DRAIN				
10	Making connection with existing drain including removing of debris & demolished material, excavation, stone pitching, RCC works i/c steel reinforecment, etc. complete in all respect as per drawings, specifications and as directed by the Engineer incharge	No.	5.00	100000	500000
	UPVC PIPE	-			
11	Providing ,laying uPVC pipes of class 'B' (equivalent make) fixing in trench i/c cutting, fitting and jointing with solvent/2' joint with one rubber ring, complete in all respect as per drawings and specification and as directed by the Engineer Incharge.		5		
11.1	PN-6 (300mm Diameter Pipe)	Rm	150.00		950000
是有事法	TOTAL AMOU	NT OF NO	N-SCHEDULED I	and the second second second	1200 416
				KAIMK	ANI I FROTEIL

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#### REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD **BILL OF QUANTITIES (STRUCTURE)** SINO ITEM DESCRIPTION UNIT RATE SCHEDULE ITEMS STONE SOLING Providing and laying dry rammed brick or stone ballast / soling 1-1/2' to 2" gauge from approved quarry including hand packing & filling voids with stone material, consolidating & compacting with power or hand roller,etc complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. 9116000 4300.00 **CONCRETE WORKS** Providing and laying cement concrete plain including placing compacting, finishing, leveling and curing complete (including screening and washing at stone aggregate without shuttering etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer. 2.1 Below bottom slab & where required etc. 1400.00 WOODEN FORMWORKS/SHUTTERING Providing, fixing, erection and removal of centering for R.C.C or plain cement concrete works of partal wood (shuttering / formwork) of approved quality in horizontal / vertical surface etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer. 3.1 Form work for lean concrete 300.00 RCC CONCRETE Providing and laying Reinforced sulphate resistant cement concrete having 3000 psi cylindrical strength (ready mixed concrete) including all kinds of formwork, hoisting, placing, compacting, finishing, vibrating, curing etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer. (Excluding the cost of steel reinforcement) SUNFILO 4.1 Bottom slab (3000 Psl) 6800.00 4.2 Walls (3000 Psi) m<sup>a</sup> 3000.00 4.3 400.00 Jersey barrier (3000 Psl) STEEL REINFORCEMENT Providing, supplying, cutting, fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastening including cost of binding wire (also includes removal of ) etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer. (Bars to be cut and placed in position at any level according to the Bar bending schedule prepared by the contractor and approved by the Engineer). 5.1 Using Tor Steel Bar 1645000.00 BITUMEN COATING Providing and applying industrial bitumen paint/coating to plastered or cement concrete surface etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer. 24000.00 Providing and fixing expansion /construction joint in concrete work of 9" or 225mm wide corrugated PVC water stop (with bulb) i.e soldering and providing wooden key of partal wood i/c cutting of planks to the

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entire satisfaction of the Engineer.

Thank!

exact shape of structure and cost of the material and labor etc. complete in all respects as per standard specification, drawing and

May my

2100.00

Rm

TOTAL AMOUNT OF SCHEDULED ITEMS (PK. Rs.

WALL BROTHERS

M NAWAZENGINEERING

101 364869040/-

### REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (SEWERAGE WORK)

	BILL OF QUANTITIES (SEWERAG	A Company	が記りは	的影響的原	MASSING PARTY.
s.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
CHED	ULE ITEMS				in (NS. party
1	EXCAVATION				
	Excavation for pipe line in trenches, and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape, leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth with in a one chain as directed by the Engineering Incharge, providing fence guard light flags and temporary crossing for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m)				· ·
1.1	Trench Depth (0.0 m to 1.5 m)	m³	803.94	353.20	20200
2			603.74	0772 KO	0.807 20
	BACKFILLING  Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc, complete.	m³	496.36	105.96	52596
3	RCC PIPES				
	Providing, laying of RCC pipe of ASTM C-76-62 T/C-76-70 of class II wall B and fixing in trenches i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure etc. complete in all respect as per instruction of engineer in charge and specification.			, v	
	300 mm I.D	R.m	720.00	1968	141898
	CONSTRUCTION OF MANHOLE				
4	EXCAVATION				
	Excavation for tanks and reservoir in all kind of soils i/c trimming and dressing sides to true alignment/design section/ profiles and shape, leveling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus earth. with in a one chain as directed by the Engineering Incharge, providing fence guard light flags and temporary crossing for non vehicular traffic where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5 m)			V	
4.1		m <sub>3</sub>	251.46	356.20	8957
5	CONCRETE WORKS				
	Cement concrete plain including placing compacting, finishing and curing, complete including screening and washing of stone aggregate without shuttering. (Ratio 1:4:8)		10.20	7064	72053
6					
*	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and which will be paid seperately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab, beams, columns rafts. Lintels and other structural members laid in situ or precast laid in position completed in all respected. Ratio (1:2:4) 90 Lbs cement 2Cft sand 4Cft shingle 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Ratio 1:2:4)				
				14.	
6.1	n BED SLAB , WALLS & TOP SLAB	m3	99.13		

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KAIM MAARI & BROTT

W NAWAX ENGINEER

## REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (SEWERAGE WORK)

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)
7	BITUMEN COATING	The state of the s	72-241-1000000000000000000000000000000000	good ex-	
Ä	Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.		364.43	64.56	23528
8	STEEL REINFORCEMENT				
	Providing and fabrication of steel reinforcement for cement concrete, including cutting, bending, laying in position, ranking joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars). The rate includes wastage, overlaps and chairs etc. Deformed bars (60,000 psi).		4	V	
8.1	b) Using Tor Bars	Kg	15613.00	125	1951625
9	WATER STOPPER				
	Providing " expansion joint" in concrete work of 9" wide corugated PVC water Stoper ( with Bulb ) i/c Soldring cost			V	
	of matrial and labour etc. complete.	R.m	252.00	750	13/300
HONS	of matrial and labour etc. complete.	R.m	and the second s		129,350 1574,328
NON S	of matrial and labour etc. complete.	R.m	and the second s		13,350° 137,350° 13479790
10	of matrial and labour etc. complete.  TOTAL AMOUNT C	R.m OF SCH	and the second s		135.300° 57.13.28 3479790.
And the second	of matrial and labour etc. complete.  TOTAL AMOUNT OF CHEDULE ITEMS  SELECTED BACKFILL  Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as	m.s HS24C	EDULEDAT	EMS (PK RSY)	139300 13979790 3479790
10	of matrial and labour etc. complete.  CHEDULE ITEMS  SELECTED BACKFILL  Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as directed by the Engineer/Representative.	R.m DFSEH	EDULEDAT	EMS (PK RSY)	131385 3479790 48193
10	CHEDULE ITEMS  SELECTED BACKFILL  Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as directed by the Engineer/Representative.  R.C.C MANHOLE COVER  Manufacturing and supply RCC manhole covers cast in 1:2:4 concrete ratio using SRC, 3 inch deep at center reinforced with 3/8" dia for steel bars at 4" c/c welded to 1/8" thick 2.5 inch deep M.S plate including curing stacking and transportation	R.m DFSCH m³	EDULEDAT	EMS (PK RSY)	18183 3419790 48193
10	of matrial and labour etc. complete.  CHEDULE ITEMS  SELECTED BACKFILL  Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as directed by the Engineer/Representative.  R.C.C MANHOLE COVER  Manufacturing and supply RCC manhole covers cast in 1:2:4 concrete ratio using SRC, 3 inch deep at center reinforced with 3/8" dia for steel bars at 4" c/c welded to 1/8" thick 2.5 inch deep M.S plate including curing stacking and transportation with in 10 miles.	R.m DFSCH m³	227.41	211.92	18,300 5479790.
11.1	of matrial and labour etc. complete.  CHEDULE ITEMS  SELECTED BACKFILL  Backfilling the excavated material (clean) in trenches in 150mm thick layer including watering, ramming to full compaction etc complete in all respect as per drawing ,specification and as directed by the Engineer/Representative.  R.C.C MANHOLE COVER  Manufacturing and supply RCC manhole covers cast in 1:2:4 concrete ratio using SRC, 3 inch deep at center reinforced with 3/8" dia for steel bars at 4" c/c welded to 1/8" thick 2.5 inch deep M.S plate including curing stacking and transportation with in 10 miles.  a) 300mm dia	R.m DFSCH m³	227.41	211.92	18193 3419790 48193

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MAIM KHANI & BROTHERS

M NAWAZ ENGINEERING

# REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (ROAD WORKS)

ИО	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
HEC	DULE ITEMS		A STATE OF THE		200
CALCULATE OF THE PARTY OF THE P	CLEARING AND GRUBBING	Commence of the Commence of th	CACCOMINATION OF STREET	20A KILISHELINGUS A ST.	
1	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places.	6,000.00	m²	às	150000
	REMOVAL OF TREES				
2	Removal of Trees 150mm to 300mm girth including uprooting and disposal to (outside limits) designated places.	50.00	Each	1000	50000
	COMPACTION OF NATURAL GROUND				
3	Compaction of Natural Ground upto a depth of 20cm below the natural ground level compacted upto 90% density modified AASHTO.	6,000.00	m²	30	18000
	EXCAVATE UNSUITABLE MATERIAL				
4	Earthwork excavation of road, side nalies including forming its banks or putting the same on embankment as directed cload brearking, dressing, etc, complete (throw work) (In ordinary	6,000.00	m³	750	450000
	CARTAGE OF EXCAVATED MATERIAL				
5	Cartage of excavated material earth work wet silt building material rubbish murrum earth including loading and unloading lead upto 7 miles	v		1/	
	1st Mile	6,000.00	m³	176.50	105960
	2nd Mile	6,000.00	m³	85	5/000
	3rd Mile	6,000.00	m <sup>a</sup>	Gol	360000
	4th Mile	6,000.00	mª	500	300000
	5th Mile	6,000.00	m³	40V	24000
	6th Mile	6,000.00	$m^3$	30	180000
	7th Mile and Subsequent Mile	6,000.00	m³	200	120000
	PREPARATION OF SUBGRADE				
6	Preparation of Sub Grade including earth excavation or filling to an average depth of 9" dressing to camber and consolidation with power roller	6,000.00	m²	65	394000
	FORMATION OF EMBANKMENT				10
7	Earthwork for road embankment by buldozer including ploughing, mixing, clod breaking, dressing and compacting with optimum moisture content. Lead upto 100ft and lift upto 5ft: in all types of soil except rock.				
_	If earthwork is done by other than departmental agency.				1
	For 95-100% modified AASHO density.	27,000.73	m³	550 V	148540
	GRANULAR SUBBASE				
9	Preparing Sub base course by supplying and spreading stone metal 1-1/2"-2" guage of approved quality from approved quarry in required thickness to proper camber and grade including hand packing filling voids with 20 cft: of pit / canal sand having plasticity index not more than 6% of suitable quality, watering amd compacting to achieve 98-100% density as per modified AASHO specifications (Rate includes all cost of materials, T & P and carriage upto 3 chains).	900.15	m³	2100	189031

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# REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (ROAD WORKS)

s.no	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)
32498 4000000	AGGREGATE BASE COURSE				
10	Providing and Laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specifications i/c spreading and compacting by approved mechanical means (Motor grader, Vibratory roller and Smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (Rate i/c all cost of materials T&P and carriage upto 3 chains).	900.15	m³	2825	2542920 2542913
	APPLYING BITUMINOUS COAT				
11	Applying priming coat or tack coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed, etc complete.	6,000.00	m²	54°	324000
	50mm THICK ASPHALT CONCRETE WEARING COURSE PLANT MIX				
12	Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control). Prepared to specified formula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber, etc. (Machinery with POLs cost of material carriage).	6.000.00	m²	1076	645600
-	PRECAST KERB BLOCKS				
13	Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form Work for hunching, 1450 PSI lean concrete, 2250 PSI concrete for hunching, 1:4 cement sand mortar.		Rm	1066	1066000
	CONCRETE CLASS B FOR FOOTPATH				
14	Providing and Laying Concrete having 2450psi cyliderical strength (ready mixed concrete) including placing, compacting, finishing, curing complete in all respect as shown on th drawings and as directed by the Engineer. (Excluding the cost of steel reinforcement).	250.00	m³	10596	2649000

## REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (ELECTRIFICATION)

Sec. Va	BILL OF QUANTITIES (ELECTRI	IFICAT	ION)		
Sr. Nos.	DESCRIPTION OF WORKS	UNIT	QIY	RATE (Pak Rs.)	AMOUNT
	Providing, installation, testing and commissioning of following Octagonal lighting pole, hot dipped galvanized from inside and outside with 4mm wall thickness including base plate anchor bolt, nuts and washer, self inspection door with special keys, cable connection box etc., (detail shown on the drawings), Complete in all respects as per specification and drawings.				
	8 m High, Single Arm Pole	Nos.	60	100000	6000000
2	Construction and installation of pole foundation in concrete class "A", reinforcement as per AASHTO M31, lean concrete etc. Excavation and backfilling for the Pole foundation shall be included in this job. Complete in all respects as per specifications and drawings.		60	2 0000	1200000
3	Providing, installation, testing and commissioning of 90 W LED (IP-66) street light fixture, complete in all respects, as per specification and drawing. Lighting fixture samples must be submitted to Consultant for approval.		60	110000 %	660000
4	Providing, installation, testing and commissioning of following outdoor type IP65 rated Pad mounted Lighting Control Panel (LCP) on concrete pad. This job include with all civil works as per drawing and specifications, complete in all respect:	ı			
4.1	LCP-01	No.	1	250000	250000
	INCOMING			2300	21300
1	1 No.63A, TP MCCB (Ics 15 kA)				
/	Timer contactor with Photo Sensor				
	OUTGOING				
E	10 Nos.10A,TP MCCB	-	-	4	
5	Providing, installing, testing and commissioning of following sizes of 600/1000 volts grade copper conductor unarmoured cables in 75 mm dia uPVC pipe from Transformer to LCP, LCP to Lighting Pole, Lighting Pole to Lighting Pole, including excavation and fresh sand 6" above and 6" under cable, laying protection bricks on sand, warning tape and backfilling, compaction etc.Complete in all respect, as per specification and drawing.				
5.1	4c- 50 Sq.mm Cu,PVC/PVC +1c-25 sq.mm PVC as ECC	Rm	65	1000	650000
5.2	4c- 16 Sq.mm Cu.PVC/PVC +1c-16 sq.mm PVC as ECC	Rm	1200	0.	9600000
5.3	4c- 10 Sq.mm Cu.PVC/PVC +1c-10 sq.mm PVC as ECC	Rm	1800	5500 F	9900000
6	Providing and laying of following sizes of uPVC class "D" Pipes for Road crossing. Buried in ground as per drawing. Including excavation for laying of pipe and backfilling.as per specification and drawing, complete in all respect.	9			
6.1	100 mm dia Upvc	Rm	60	742V	445201
7	Providing, installing, testing and commissioning of 3 Core 2.5 Sq.mm PVC / PVC, 450/750 volts grade cable for each light from cable terminal box to luminaries complete in all respect.		480	2000	980000
	0/1	-	7/	7	Tre space

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# REVAMPING OF MAHMOODABAD NALA FROM MALIR BUND / KPT FLYOVER TO MAHMOODABAD BILL OF QUANTITIES (ELECTRIFICATION)

Sr. Nos.	DESCRIPTION OF WORKS	UNIT	QTY.	RATE (Pak Rs.)	AMOUNT
8	Providing, installation, testing and commissioning of Terminal Box IP 65 including 1 No. 4A, Circuit Breaker with terminals, complete in all respect.	Nos.	60	2000	120000:
9	Supply, installation, testing & commissioning of 50 KVA, Pole mounted Transformer. Including all accessories such as Poles, platform, cross arms, insulated copper conductor, dropout fuse switches complete in all respect as per drawing and K-Electric specifications.	No.	1	350000	350000
10	Provisional sum for obtaining electrical 11KV power supply connection from K-Electric with all necessary requirements including meter, circuit breaker / cutouts, necessary power cables and all installation material required for the connection and liosioning with K-Electric for approval of the load, complete in all respect.	Job,	1	500000	500000
11	Providing, installation, testing & commissioning of 3c-70 sq.mm Al.XLPE/SWA/PVC MV cable from nearest scoured of K-Electric power supply for incoming cable to 1No. 50 kVA Transformer as required as per site and including cost of excavation for laying of cable, bricks, warning tape, and backfilling with new and fresh sand (6" under and 6" above the cable), complete in all respect.	Job.	1	30000	300000
12	Supply, installation, testing and commissioning of earthing pit with 3 meter long 20 mm dia earth copper rod for Transformer,LCP and end of every circuit directly driven to ground to obtain earth resistance not more than 1 ohm.as per drawing, complete in all respect.		11	30000	330000
13	Providing, installation, testing & commissioning of following PVC insulated (yellow/green) earth continuity cable from earth pit to respective Transformer, LCP, between pole to pole, in PVC conduit. Complete in all respects, as per specification and drawing.	Se			
13.1	1c-70 Sq. mm as ECC	Rm	40	4000	180000 L 90000 L 2250000
	1c-16 Sq. mm as ECC	Rm	300	3000 1	900000
b			277-22-05		Section 1995

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TOTAL AMOUNT (PK.Rs.) 3952952

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Challan of Cash/ Cheque paid in the National Bank of Pakistan Passport Office/ City Court Branch, Karachi

Challan No.

To be filled by the remitter Department Office of the Treasury Head of Account By whom tendered (Name) taha siddiqu Non-Food Account No. 1 D.D.O. Code KQ 0103 Assistant Superintendent of Stamps, Karachi. Signature Order to the Bank Name (or designation) and address of the persons on whose behalf money is paid Correct - Received and grant receipt Full particulars of the remittance and the authority (if any) Amount Rs. Stamp duty Paid on Date Signature and full designation of the Officer ordering the money to be paid in Rs. nly in the lank through & Officer (In west(Is) Rupees of the Government io be deposit in the National Beriskeling kinds of Agent City Courts Branch, Karach Treasurer.





CONTRACT AGREEMENT

EXECUTIVE ENGINEER
Engineering Department

Name of Work:

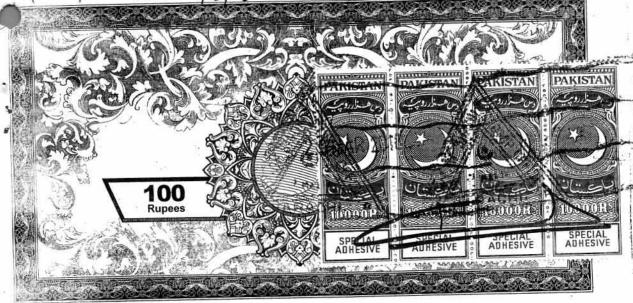
REVAMPING OF MAHMOODABAD Cevelopment Authority
NALLAH FROM MALIR BUND/KPT

FLYOVER TO MAHMOODABAD.

Completion Time:

18 Months.

M. NAVVAZ ENGINEERING Proprieto:



115 Seat # 17, Shed "A"

359 mas Parachi M. Shahid Qures!"

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2 9 MAR 2018



CONTRACT AGREEMENT

Engineering Department

Name of Work:

REVAMPING OF MAHMOODABAD Cevelopment Authority
NALLAH EDOMANA NALLAH FROM MALIR BUND/KPT

FLYOVER TO MAHMOODABAD

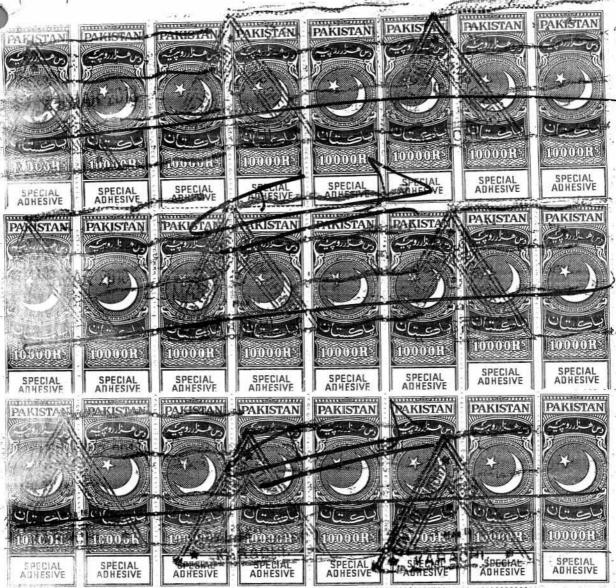
Completion Time:

18 Months.

M. NAWAZ ENGALERING

Proprieto:

Challan # 145



KAIM KHANI & BROTHERS M. NAWAZ ENGINEERING

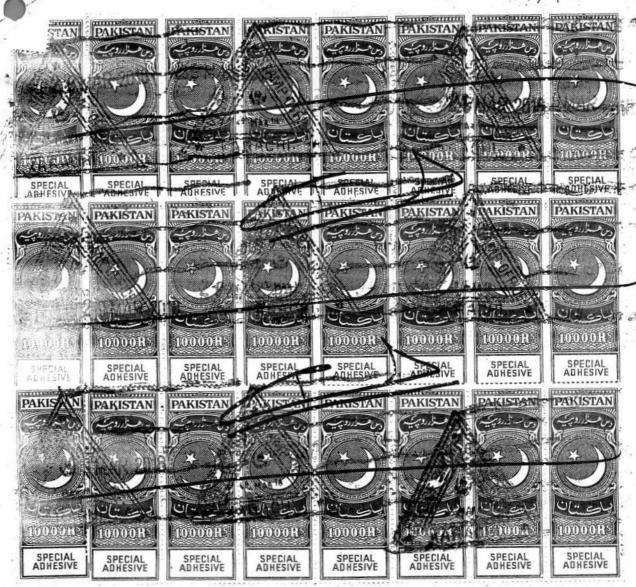
Proprietor

DOVI. OF SIND CONTRACT

AGREEMENT (hereinafter

EXECUTIVE ENGINEER Engineering Denartment called the

"Agreement") made on the 29th day of March 2018, between Karachi Development Authority (hereinafter called the

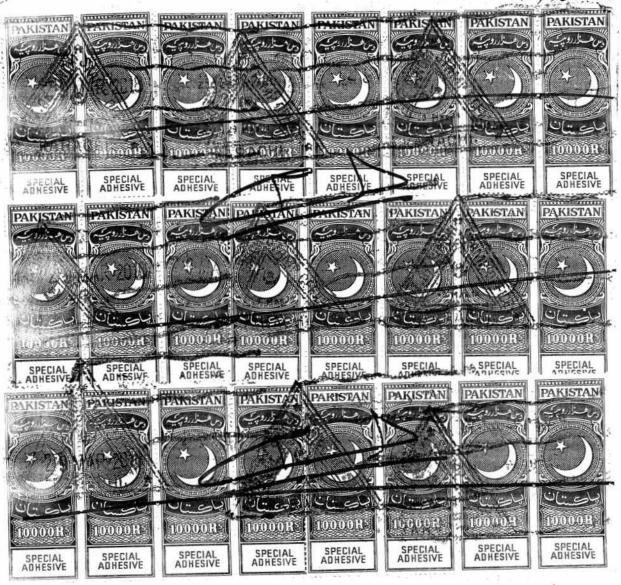


M. NAWAZ ENGINEERING

Proprietor

CINEEN awaz Engineering Pvt. Ltd. A-27, Block 13-A, University Road, Chulshan-e-Iqbal, Karachi, (hereinafter called the "Contractor") of the other part.

Challer # 145 Date # 29/3/18



WHEREAS the Employer is desirous that certain Works viz:

Revamping of Mahmoodabad Nallah From Malir Bund/KPT

Flyover to Mahmoodabad should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein

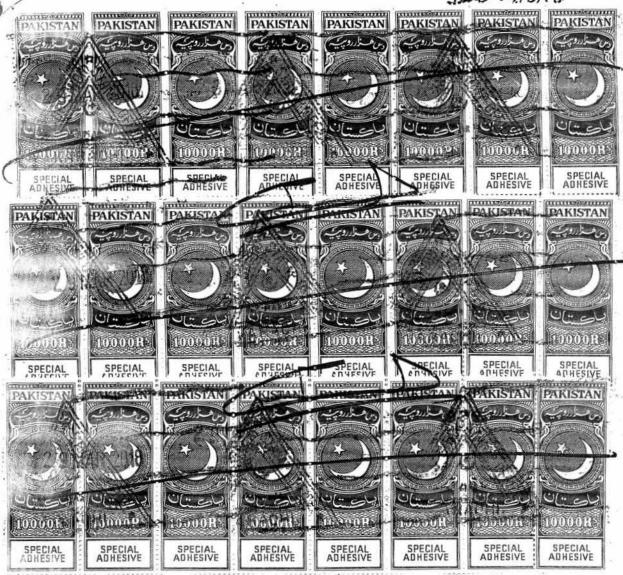
NOW this agreement witnessed as follows:

In this Agreement works and expressions shall have the same meanings as are respectively assigned to them in the Condition of Contract hereinafter referred to ENGINEER

Engineering Department Karachi Development Authority

ENGHEERING

### Challan # 145 Date 29,18/18.



M. NAWAZ ENGINEERIN

Proprietur

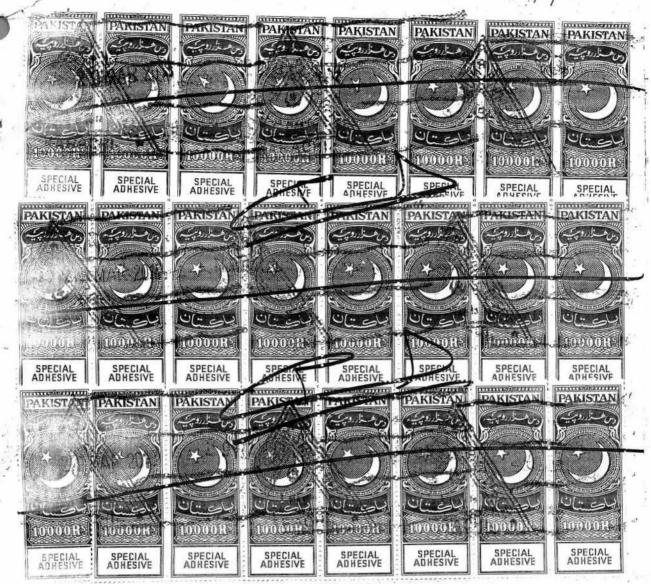
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Briders shall be deemed to form and be read and construed as part of this Agreement, viz:

a) The Contract Agreement.

b) The Letter of Acceptance;

c) The completed Form of Bid;

EXECUTIVE ENGINEER
Engineering Department
Karachi Development Authority



M. MANAZ ENGINEERING

Proprieto.

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Special stipulations (Appendix – A to Bid);

The Particular Conditions of Contract - Part II;

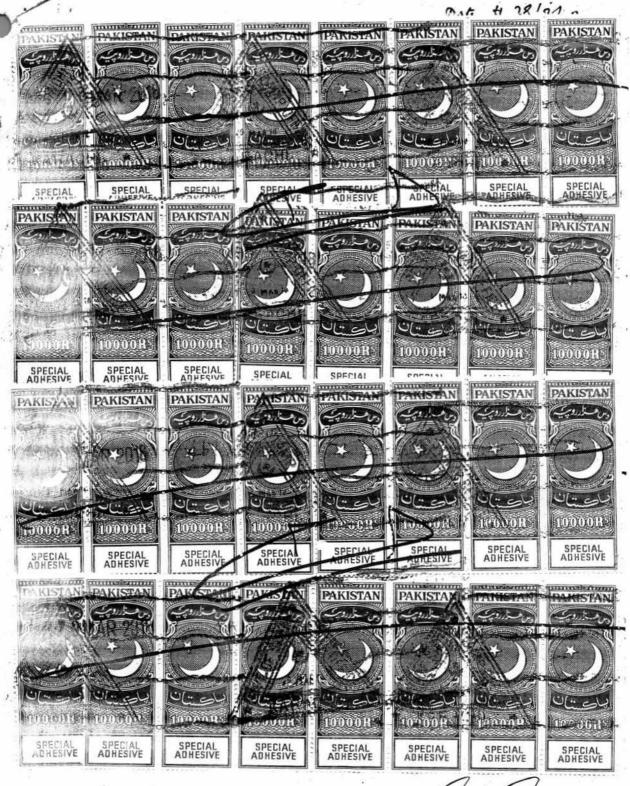
The General Conditions - Part I; The priced Bill of Quantities;

The completed Appendices to Bid (B, C, E to L);

i) The Drawings;

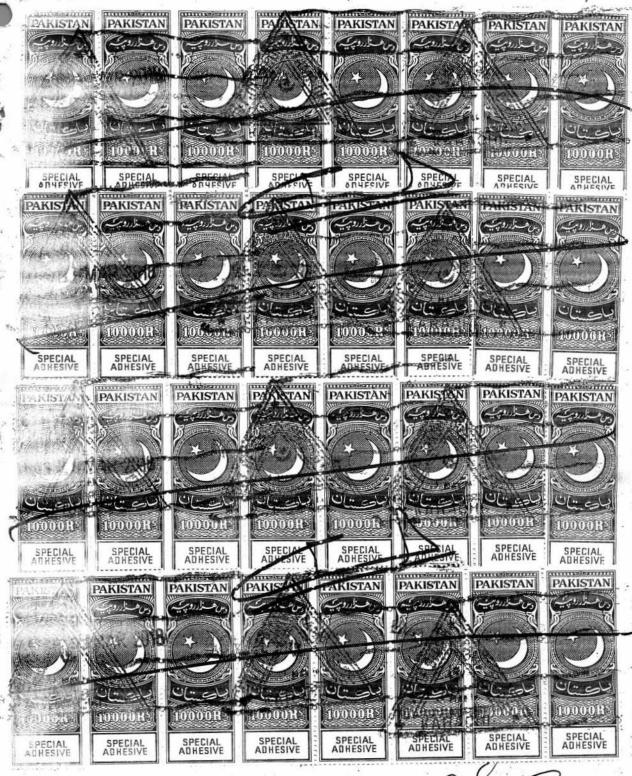
The Specifications. j)

Challan # 145



Engineering Department In consideration of the payments to be made by the Karachi Development of the Contract Proprieto: Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to CALLE Cute and complete the Works and remedy defects therein in conformity and in all respects within the provision of the Contract.

ENGINEERING

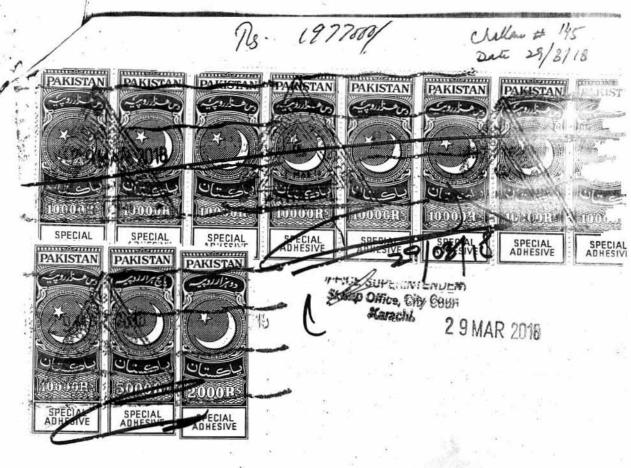


in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract the price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

KHAN

ENGINGERIO

Proprietur



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

M/s. Kaim Khani Brothers J.V M/s. Nawaz Engineering Pvt. Ltd. A-27; Block 13-A,

University Road, Gulshan-e Iqbal, Karachi.

Signature

Name

Title

Seal

RAIM MHANI A BROTHERS

M. NAWAZ ENGINEERING

Seal

Signed, Sealed and Delivered in the presence of:

Witness

Witness

Karachi.

Signature

Name

Title

42401-4817784-7

Muhammad Rizwan Haseeb Project Manager, M/s. Kaim Khani Brothers J.V M/s. Nawaz Engineeing Pvt. Ltd. A-27, Block 13-A, University Road, Gulshan-e-Iqbal, Karachi.

Syed Munawar Zaman Senior Design Engineer EA Consulting Pvt. Ltd. CNIC No.42000-1760069-5

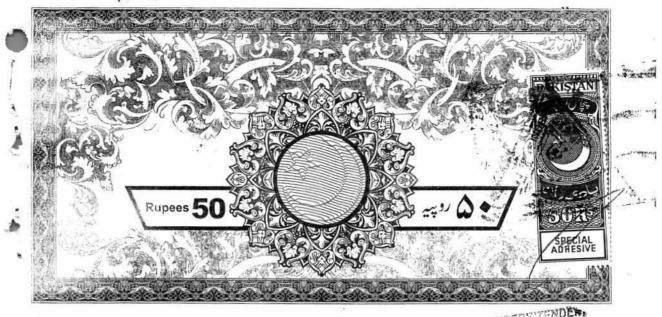
EXECUTIVE ENGINEER Engineering Department For Karachi Development Authority Executive Engineer, SDP.

Engineering Des

Karacha Jayatea

5th Floor, Civic Centre, KDA.

Karachi Development Authority



2018 059172

KAIM KHANI & BROTHERS
M. NAWAZ ENGINEERING
Proprietor

Abau Muttalib Mannan
Executive Engineer
Engineering Department
Karachi Development Authority

#### INTEGRITY PACT

Contract No. No.EE/SDP/KDA/2018/126

Dated: 29-03-2018

Contract Value: Rs. 564,823,040.00/-

Mehmosolaland Nala 94 f Contract Title: Revamping of Gujjar Nala including Services Road

M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineering Pvt. Ltd. hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

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

M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineering Pvt. Ltd. accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with

all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineering Pvt. Ltd. accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

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

Executive Engineer (SDP),

Karachi Development Authority Abdul Muttalib Mannan

Mondon

Executive Engineer
Engineering Department
Karachi Development Authority

M/s. Kaim Khani Brothers J.V M/s. M. Nawaz Engineering Pvt. Ltd.

M. NAWAZ ENGINEERING

Proprietor