



OFFICE OF THE CHIEF ENGINEER DEVELOPMENT
ENGINEERING DEPARTMENT

KARACHI DEVELOPMENT AUTHORITY

4th Floor, Civic Center, Gulshan-e-Iqbal, Karachi. Tel: 021-99230653, 021-99231145

NO. CE/ENG/DEV/2018/ 376

DATE: 15/3/18

The Director (CB)

Sindh Public Procurement Regulatory Authority,
Government of Sindh,
Karachi.

SR.NO.35930

SPPRA ID: 2147483647

Subject: REVAMPING OF GUJJAR NALLAH INCLUDING SERVICE ROAD.

REF NO. EA/00975/PHED/0653/2018

DATED: March/15/2018

Enclosed please find herewith the financial bid evaluation submitted by EA Consulting (Pvt). Ltd., the consultants for the above subjected work. The same is forwarded for hoisting on the SPPRA's website.

An early action is requested.

ENCLOSED:

1. FINANCIAL BID & EVALUATION REPORT (ORIGINAL).
2. DVD.

Chief Engineer (Dev)

Karachi Development Authority

Copy for Information:

1. The Director (I.T) Computer Department, KDA.
2. P.S to Director General, KDA, Karachi.
3. Office Copy.

SPPRA INWARD DIARY
NO : 7156
DATED : 16-03-18

KARACHI DEVELOPMENT AUTHORITY



PROJECT REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROADS



TENDER EVALUATION REPORT

March 2018



ECA Consulting (Pvt.) Ltd.

(Formerly Engineering Associates)

Consulting Engineers & Architects, Economists and Planning Experts

EA Consulting Pvt Ltd

Head Office: AL-9, 15th Lane, Khayaban-e-Hilal Phase VII, D.H.A., Karachi-75500.,
Tel:111-111-584, Fax: (0213) 584-1825, E-mail: info@eaworld.com, URL: www.eaworld.com

TENDER EVALUATION REPORT

FOR REVAMPING OF GUJJAR NALA INCLUDING SERVICES ROADS

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ANNEXURE

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**TENDER EVALUATION REPORT
FOR THE WORK
REVAMPING OF GUJJAR NALA INCLUDING SERVICES ROAD**

1. INTRODUCTION.

KDA invited prequalification of Contractors Works pertaining Revamping of Gujjar Nala including Services Road Notice for prequalification was published in National News papers.

Following three firms were Prequalified:

Sr. #	Name of Firm / Contractor / Joint Venture
1	M/s Sardar Mohammad Ashraf D Baluch
2	M/s Sultan Mahmood & Company
3	M/s Kaim Khani & Brothers JV M Nawaz Engineering


Tender for the above mentioned project was invited by KDA from already prequalified contractor for and the opening date as 09-03-2018.

2. RECEIPT OF BIDS

The following tenders were received and opened by Procuring Committee in the office Executive Engineer (SDP) Room 508 fifth floor Civic Centre KDA in the presence of contractor's representatives on March.9 2018 as per schedule.

The names of Contractor / Firm / JV and the total bid amount declared at the time of opening of tender are as under:

Sr #	Name of Firm / Contractor / Joint Venture	Amount	Rebate offered (If any)	Amount after Rebate
1	M/s Sardar Mohammad Ashraf D Baluch	Rs.1,474,341,010/=	Rs.444,341,010/=	Rs.1,030,000,000/=
2	M/s Sultan Mahmood & Company	Rs.1,224,312,728.85	Rs.291,012,728/=I	Rs 933,300,000/=
3	M/s Kaim Khani & Brothers JV M Nawaz Engineering	Rs 989,952,709/=	NIL	Rs 989,952,709/=


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FEROZE HASSAN SIDDIQUE
MEMBER
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Karachi Development Authority


ABDUL MUTALIB MANNAN
CHAIRMAN
Procurement Committee
Karachi Development Authority

3. ARITHMETICAL CHECK

The above tenders have been checked arithmetically. The corrected amounts of the tenders are as follows:

Sr #	Name of Firm / Contractor / Joint Venture	Corrected amount	Ranking
1	M/s Sardar Mohammad Ashraf D Baluch	Rejected	
	M/s Sultan Mahmood &Company	Rs. 933,300,001/=	2 nd Lowest
2	M/s Kaim Khani &Brothers JV M Nawaz Engineering	Rs. 895,867,665/=	1 st Lowest

4. BID SCURTINY

All the three bidders referred above have been scrutinized and our comments are as under:

4.1 M/s Sardar Mohammad Ashraf D Baluch

- a) The Bid is Invalid and hereby rejected. The bidder has enclosed separate BOQ developed by him and missed page for Drain Structure work BOQ item # 1 to 6 rate and quantity both missing. Therefore the Bid submitted by M/s Sardar Mohammad Ashraf D Baluch **Stands invalid and Rejected**

4.2 M/s Sultan Mahmood &Company

- a) The Bid submitted by Contractor is for Rs 1,224,312,728.85 and a fixed amount Rebate of Rs.291,012,728.00 After scrutiny, arithmetical check, the corrected amount excluding Rebated amount of Rs. 291,012,728.00 the final bid amount is Rs 933,300,001.00 and is **Second lowest** among the three bidders participated in the tender.
- b) The bidder has submitted 2% bid security in shape of Bank Guaranty for Rs.26,400,000/= (Twenty Six Millions Four hundred Thousand) from Dubai


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Islamic Bank Limited Hassan Chamber DC-7 Kehkashan, Clifton Karachi which is more than 2% of the total bid cost. The Expiry date of bid security is 16/07/2018.

- c) The bidder has filled the tender documents properly, duly signed and stamped as per contractual obligation.

4.2 M/s Kaim Khani & Bros. JV M. Nawaz Engineering.

- a) The Bid submitted by Contractor for Rs 989,985,709.00 After scrutiny, arithmetical check, the final corrected amount is **Rs 895,867,665.00** and is **First lowest** among the three bidders participated in the tender.
- b) The bidder submitted 2% bid security in shape of Pay Order for Rs.21,000,000/= (Twenty one Millions) UBL Civic Center, Karachi which is more than 2% of the total bid cost.
- c) The bidder has filled the tender documents properly, duly signed and stamped as per contractual obligation.

5. CONSULSION / RECCOMMENDATION

The tender for the project "Revamping of Gujjar Nala including services Roads was evaluated and arithmetically checked and corrected accordingly. However, the quoted rates of **M/s Kaim Khani & brothers JV M Nawaz Engineers** is lowest and within the allowable percentage of 20% with respect to Engineering Estimates.

M/s Kaim Khani & brothers JV M Nawaz Engineers is recommended for award of this Contract.

ANNEXURE "A"

COMPARATIVE STATEMENT

REVAMPING OF GUJJAR NALA
Comparative
Summary

M/s EA Consulting pvt Lit					M/s Kaim Khani & Brothers			
S.No	Description	Cost of Schedule Item	Cost of Non-Schedule Items	Total of (Schedule & Non Schedule Items)	Cost of Schedule Item	Cost of Non-Schedule Items	Total of (Schedule & Non Schedule Items)	% increase / Decrease
1	Earth Work	181,746,712	3,734,521	185,481,233	170,748,497	13,116,048	183,864,545	-0.88%
2	Drain Structural Works	747,646,264	-	747,646,264	635,831,180	-	635,831,180	-17.59%
3	Sewerage System	9,696,788	494,262	10,191,050	10,058,818	1,252,367	11,311,185	9.90%
4	Carriage Way	31,937,135	-	31,937,135	32,845,014	-	32,845,014	2.76%
5	Connection Bridges	17,217,741	645,437	17,863,178	15,361,361	1,038,360	16,399,721	-8.92%
6	Electrification	-	34,155,875	34,155,875	-	15,616,020	15,616,020	-118.72%
Total (Rs.)		988,244,640	39,030,095	1,027,274,735	864,844,870	31,022,795	895,867,665	-14.67%
Premium of ___% below/above on Scheduled Items (Rs.)								
Total Cost with Premium (Rs.)				1,027,274,735			895,867,665	-14.67%



Qamar Saeed
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Karachi Development Authority

Feroze Hassan Siddique
FEROZE HASSAN SIDDIQUE
MEMBER
Procurement Committee
Karachi Development Authority

INCLUDING SERVICE ROAD

Statement

M/s Sardar Mohammad Ashraf D. Baluch				M/s Sultan Mahmood & Company			
Cost of Schedule Item	Cost of Non-Schedule Items	Total of (Schedule & Non Schedule Items)	% Increase / Decrease	Cost of Schedule Item	Cost of Non-Schedule Items	Total of (Schedule & Non Schedule Items)	% Increase / Decrease
				248,209,050	11,396,000	259,605,050	28.55%
				856,331,595	-	856,331,595	12.69%
				10,446,154	809,060	11,255,214	9.45%
				49,774,770	-	49,774,770	35.84%
				19,483,600	571,200	20,054,800	10.93%
				-	27,291,300	27,291,300	-25.15%
				1,134,245,169	40,067,560	1,224,312,729	16.09%
The bid is invalid and hereby rejected. The bidder has enclosed separate BOQ developed by him and missed page for Drain Structural work BOQ item # 1 to 6 rate & quantity both missing. Therefore the bid submitted by M/s sardar Ashraf D Baluch is Rejected.				Contractor Quoted Rebate of Rs. 291,012,728.00 on quoted bid amount.		291,012,728	
						933,300,001	-10.07%



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CHAIRMAN

Procurement Committee
Karachi Development Authority



KARACHI DEVELOPMENT AUTHORITY
OFFICE OF THE EXECUTIVE ENGINEER
SPECIAL DEVELOPMENT PROJECTS

5th Floor, Civic Center, Gulshan-e-Iqbal, Karachi

BID EVALUATION REPORT

(In Compliance of Clause-45 SPP Rules 2010)

1. Name of Procuring Agency: **Office of the Executive Engineer (S.D.P), Karachi Development Authority**
2. Tender Reference No: **EE/SDP/Engg.Deptt./KDA/2018/92**
Dated: 20/02/2018
3. Tender Description / Name of Work / Item: **Revamping of Gujjar Nallah Including Service Road.**
4. Method of Procurement: **Single Stage One Envelope**
5. Tender Published: **Through SPPRA Sr. # 35930 and KDA Website.**
6. Electronic Media: **Daily Jung, Daily Dawn, Daily Awami Awaz and Daily Dunya**
Dated: 24th December, 2017
7. Total Bid Documents Sold: **(03) Three Nos.**
8. Total Bid Received: **(03) Three Nos.**
9. Technical Bid Opening date: (if applicable): **Not Applicable. (Provide details in separate form)**
10. No. of Bid Technically qualified (if applicable): **Not Applicable.**
11. Bid(s) Rejected: **(01) One No.**
12. Financial Bid Opening Date: **09th March, 2018.**
13. **Bid Evaluation Report:**

Sr. #	Name of Firm or Bidder	Cost offered by Bidder	Ranking in terms of Cost	Comparison with Estimated Cost	Reasons for acceptance / rejection	Remarks
1.	M/s. Kaim Khani & Brothers J.V M. Nawaz Engineers	Rs. 895,867,665.00	1 st Lowest	14.67% below Estimated cost	Being lowest quoted by the contractor hence accepted.	Recommended for award of work.
2.	M/s. Sultan Mahmood & Company	Rs. 933,300,001.00	2 nd Lowest	10.07% below Estimated cost	The higher rates quoted by contractor were rejected.	Rejected
3.	M/s. Sardar Mohammad Ashraf D. Baloch	Rs. 1,030,000,000.00	-	-	The higher rates quoted by contractor were rejected.	Rejected

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Chairman
(Procurement committee)
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Asst. Executive Engineer, KMC
Member
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Qamar Saeed
Accounts Officer, SDP KDA
Member
(Procurement committee)
QAMAR SAEED
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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Earth Work

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
				EA Consulting pvt Ltd		M/s Kaim Khanl & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
SCHEDULED ITEMS														
EXCAVATION														
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 fence 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)													
1.1	0.0 m to 1.5 m	m ²	11,184.57	457.62	5,118,283	353.20	3,950,390	-29.56%	600.00	6,710,742	23.73%	800.00	8,947,656	42.80%
1.2	Add for additional lift of every 1m or part there for excavation for trenches and pits.													
1.2.1	1.5 m to 2.5 m	m ²	7,502.69	480.92	3,608,224	423.84	3,179,940	-13.47%	700.00	5,251,883	31.30%	800.00	6,002,152	39.88%
1.2.2	2.5 m to 3.5 m	m ²	21,396.57	504.23	10,788,750	494.48	10,580,176	-1.97%	850.00	18,187,085	40.68%	800.00	17,117,256	36.97%
1.2.3	3.5 m to 4.5 m	m ²	10,837.22	527.53	5,716,980	529.80	5,741,559	0.43%	1,000.00	10,837,220	47.25%	900.00	9,753,498	41.39%
1.2.4	4.5 m to 5.5 m	m ²	66,690.60	550.84	36,735,583	565.12	37,688,192	2.53%	1,150.00	76,694,190	52.10%	1,000.00	66,690,600	44.92%
1.2.5	5.5 m to 6.5 m	m ²	14,171.75	574.14	8,136,569	565.12	8,008,739	-1.60%	1,300.00	18,423,275	55.84%	1,100.00	15,588,925	47.81%
1.2.6	6.5 m to 7.5 m	m ²	25,870.40	597.44	15,456,115	600.44	15,533,623	0.50%	1,450.00	37,512,080	58.80%	1,100.00	28,457,440	45.69%
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													
1.3.1	Soft Soil	m ²	11,087.31	102.56	1,137,159	247.24	2,741,227	58.52%	750.00	8,315,483	86.32%	350.00	3,880,559	70.70%
2	Carriage of 100 CH/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.5 bars etc; by trucks or any other means owned by the contractor.	m ²	168,741.12	382.39	64,525,254	303.20	51,162,308	-26.12%	600.00	101,244,672	36.27%	300.00	50,622,336	-27.46%



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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Earth Work

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	
				EA Consulting Pvt Ltd			M/s Kaim Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
3	BACKFILLING Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead upto once chain and lift upto 1.5m	m ³	15,107.03	153.85	2,324,247	105.96	1,600,741	-45.20%	500.00	7,553,515	69.23%	200.00	3,021,406	23.07%	
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.														
4.1	10th Mile	m ³	15,107.03	382.39	5,776,807	343.20	5,184,733	-11.42%	1,000.00	15,107,030	61.76%	400.00	6,042,812	4.40%	
5	COFFER DAM Temporary construction of coffer dam used of synthetic bags new / 1st bharti 4 to 5 cft, capacity with sand or earth sewing lying in position under water.	P.Bag	23,734.34	82.80	1,965,203	450.00	10,680,453	81.60%	1,500.00	35,601,510	94.48%	100.00	2,373,434	17.20%	
6	DEWATERING Bailing or pumping out sub soil water during excavation, concreting, cast in situ concrete or masonry work in foundation etc.	PM ³	84,370.56	230.08	19,411,641	166.60	14,056,135	-38.10%	700.00	59,059,392	67.13%	350.00	29,529,696	34.26%	
7	Dismantling of RCC Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same.	m ³	453.20	2,307.80	1,045,897	1,412.80	640,281	-63.35%	3,000.00	1,359,600	23.07%	400.00	181,280	-476.95%	
TOTAL AMOUNT OF SCHEDULED ITEMS (Rs.)					181,746,712		170,748,497	-6.44%		401,857,676	54.77%		248,209,050	26.78%	




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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Earth Work

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
				EA Consulting pvt Ltd		M/s Kaim Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sufan Mahmood & Company		
10	CONNECTION WITH EXISTING DRAIN Making connection with existing drain including removing of debris & demolished material, excavation, stone pitching, RCC works i/c steel reinforcement, etc. complete in all respect as per drawings, specifications and as directed by the Engineer incharge	No.	3.00	100,000.00	300,000	100,000.00	300,000	0.00%	1,000,000.00	3,000,000	90.00%	500,000.00	1,500,000	80.00%
11	uPVC PIPE 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.													
11.1	PN-6 (300mm Diameter Pipe)	Rm	220.00	550.00	121,000	3,000.00	660,000	81.67%	80,000.00	17,600,000	99.31%	17,000.00	3,740,000	96.76%
	TOTAL AMOUNT OF NON-SCHEDULED ITEMS (Rs.)				3,734,521		13,116,048	71.53%		51,110,000	92.69%		11,396,000	67.23%

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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Drain Structure

S.NO	ITEM DESCRIPTION	QTY	UNIT	EA Consulting pvt Ltd			M/s Kalm Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
				RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
SCHEDULED ITEMS															
1	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.	6.662.25	m ³	1,410.32	9,395,931	33.5%	2,120.00	14,123,970	33.5%	Rate not Available	-	0.0%	3,000.00	19,986,750	53.0%
2	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.	2,268.00	m ³	4,784.63	10,851,536	45.8%	8,830.00	20,026,440	45.8%	Rate not Available	-	0.0%	11,000.00	24,948,000	56.5%
3	WOODEN FORMWORKS/SHUTTERING Providing, fixing, erection and removal of centering for R.C.C or plain cement concrete works of partial 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	567.00	m ²	433.57	245,835	19.4%	538.00	305,046	19.4%	Rate not Available	-	0.0%	1,000.00	567,000	56.6%



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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Drain Structure

S.NO	ITEM DESCRIPTION	QTY	UNIT	EA Consulting pvt Ltd			M/s Kaim Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
				RATE	AMOUNT (Rs.)		RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
4	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)														
4.1	Bottom slab (3000 Psi)	12,615.75	m³	11,511.96	145,232,009	10,162.00	128,201,252	-13.28%	Rate not Available	-	0.00%	13,000.00	164,004,750	11.45%	
4.2	Walls (3000 Psi)	7,796.25	m³	11,511.96	89,750,118	12,128.00	94,552,920	5.08%	Rate not Available	-	0.00%	15,000.00	116,943,750	23.25%	
4.3	Jersey barrier (3000 Psi)	567.00	m³	11,511.96	6,527,281	11,894.00	6,743,898	3.21%	Rate not Available	-	0.00%	12,000.00	6,804,000	4.07%	
5	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	3,967,157.25	Kg	120.00	476,058,870	92.00	364,978,467	-30.43%	Rate not Available	-	0.00%	130.00	515,730,443	7.69%	




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Drain Structure

S.NO	ITEM DESCRIPTION	QTY	UNIT	EA Consulting pvt Ltd			M/s Kalm Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
				RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
6	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.	41,391.00	m ²	100.46	4,158,305	64.56	2,672,203	-55.61%	Rate not Available	-	0.00%	125.00	5,173,875	19.63%	
7	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 partial wood i/c cutting of planks to the exact shape of structure and cost of the material and labor etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.	2,976.75	Rm	1,822.92	5,426,377	1,420.00	4,226,985	-28.37%	5,000.00	14,883,750	63.54%	730.00	2,173,028	-149.72%	
TOTAL AMOUNT OF SCHEDULED ITEMS (Rs.)				747,646,264			635,831,180	-17.59%		14,883,750	-4923.24%		856,331,595	12.69%	



[Signature]
QAMAR SAEED
 MEMBER
 Procurement Committee
 Karachi Development Authority

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FEROZE HASSAN SIDDIQUE
 MEMBER
 Procurement Committee
 Karachi Development Authority

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ABDUL MUTALIB MANNAN
 CHAIRMAN
 Procurement Committee
 Karachi Development Authority

REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD
Comparative Statement
Sewerage System

S.NO	ITEM DESCRIPTION	UNIT	QTY	EA Consulting pvt Ltd			M/s Kaim Khan & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
				RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
PART-A (SCHEDULE ITEMS)															
	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)	m ³	837.68	152.54	127,783	353.20	295,869	56.81%	500.00	418,840	69.49%	700.00	586,376	78.21%	
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. 7th mile	m ³	837.68	340.99	285,642	353.20	295,869	3.46%	700.00	586,376	51.29%	385.00	322,507	11.43%	
3	BACKFILLING Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc, complete.	m ³	736.43	116.95	86,127	105.96	78,032	-10.37%	500.00	368,215	76.61%	300.00	220,929	61.02%	
4	Carriage of 100 Cft/5 Tons of all type of materials like backfill material, 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.	m ³	736.43	340.99	251,117	353.20	260,107	3.46%	800.00	589,144	57.38%	385.00	283,526	11.43%	
5	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.														
5.1	300 mm I.D	R.m	801.90	1622.12	1,300,781	1968.00	1,578,139	17.58%	12000.00	9,622,800	86.48%	1200.00	962,280	-35.18%	
CONSTRUCTION OF MANHOLE															
6	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)	m ³	644.21	127.12	81,889	353.20	227,535	64.01%	690.00	444,505	81.58%	700.00	450,947	81.84%	
7	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)	m ³	26.33	4784.63	125,979	7064.00	185,995	32.27%	15000.00	394,950	68.10%	9000.00	236,970	46.84%	



Amir Saeed
AMIR SAEED
 MEMBER
 Procurement Committee

Feroze Hassan Siddique
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Abdul Mutalib Mannan
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 CHAIRMAN
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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD
Comparative Statement
Sewerage System

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease					
				EA Consulting Pvt Ltd				M/s Kaim Khani & Brothers				M/s Sardar Mohammad Ashraf D. Baluch				M/s Sultan Mahmood & Company			
8	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 separately. 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 respect. 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)																		
8.1	BED SLAB , WALLS & TOP SLAB	m ²	320.63	14283.41	4,579,689	12128.00	3,888,601	-17.77%	15000.00	4,809,450	4.78%	12000.00	3,847,560	-19.03%					
9	BITUMEN COATING 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.	m ²	985.50	100.46	99,007	64.56	63,624	-55.61%	90.00	88,695	-11.63%	120.00	118,260	16.28%					
9.1	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).																		
8.1	b) Using Tor Bars	Ton	21.60	120024.00	2,592,518	140000.00	3,024,000	14.27%	135000.00	2,916,000	11.09%	140000.00	3,024,000	14.27%					
9	WATER STOPPER Providing " expansion joint" in concrete work of 9" wide corrugated PVC water Stoper (with Bulb) i/c Soldering cost of material and labour etc. complete.	R.m	491.00	338.60	166,255	328.00	161,048	-3.23%	500.00	245,500	32.28%	800.00	392,800	57.67%					
TOTAL AMOUNT OF SCHEDULED ITEMS (Rs.)					9,696,788		10,058,818	3.60%		20,484,475	52.66%		10,446,154	7.17%					
Part- B (NON SCHEDULE ITEMS)																			
10	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.	m ³	340.20	193.60	65,863	211.92	72,095	8.64%	600.00	204,120	67.73%	500.00	170,100	61.28%					
11	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 tor 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.																		
11.1	a) 300mm dia	Nos	137.00	2100.00	287,700	5500.00	753,500	61.82%	25000.00	3,425,000	91.60%	2900.00	397,300	27.59%					
12	GRANULAR BEDDING Providing, spreading, and consolidating of granular bedding material of approved quality including watering etc, complete in all respect as per drawings and specification and as directed by the Engineer Incharge.	m ³	120.83	1164.44	140,699	3532.00	426,772	67.03%	3000.00	362,490	61.19%	2000.00	241,660	41.78%					
TOTAL AMOUNT OF NON-SCHEDULED ITEMS (Rs.)					494,262		1,252,367	60.53%		3,991,610	87.62%		809,060	38.91%					



QAMAR SAEED
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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement
Carriage Way

S.NO	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
				EA Consulting Pvt Ltd		M/s Kaim Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
PART-A (SCHEDULE ITEMS)														
1	CLEARING AND GRUBBING Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places.	8,100.00	m ²	12.53	101,477	25.00	202,500	49.89%	60.00	486,000	79.12%	26.00	210,600	51.82%
2	REMOVAL OF TREES Removal of Trees 150mm to 300mm girth including uprooting and disposal to (outside limits) designated places.	1,350.00	Each	181.84	245,479	1,000.00	1,350,000	81.82%	6,000.00	8,100,000	96.97%	422.00	569,700	56.91%
3	COMPACTION OF NATURAL GROUND Compaction of Natural Ground upto a depth of 20cm below the natural ground level compacted upto 90% density modified AASHTO.	8,100.00	m ²	19.80	160,380	30.00	243,000	34.00%	100.00	810,000	80.20%	28.00	226,800	29.29%
4	EXCAVATE UNSUITABLE MATERIAL Earthwork excavation of road, side ditches including forming its banks or putting the same on embankment as directed clod breaking, dressing, etc. complete (throw work) (In ordinary soil)	7,155.00	m ³	60.86	435,482	75.00	536,625	18.85%	700.00	5,008,500	91.31%	364.00	2,604,420	83.28%
5	CARTAGE OF EXCAVATED MATERIAL Cartage of excavated material earth work wet silt building material rubbish murrum earth including loading and unloading lead upto 7 miles													
	1st Mile	7,155.00	m ³	172.50	1,234,238	176.60	1,263,573	2.32%	300.00	2,146,500	42.50%	100.00	715,500	-72.50%
	2nd Mile	7,155.00	m ³	40.49	289,692	85.00	608,175	52.37%	325.00	2,325,375	87.54%	100.00	715,500	59.51%
	3rd Mile	7,155.00	m ³	32.59	233,196	60.00	429,300	45.68%	350.00	2,504,250	90.69%	100.00	715,500	67.41%
	4th Mile	7,155.00	m ³	29.86	213,620	50.00	357,750	40.29%	375.00	2,683,125	92.04%	100.00	715,500	70.14%
	5th Mile	7,155.00	m ³	27.31	195,417	40.00	286,200	31.72%	400.00	2,862,000	93.17%	160.00	1,144,800	82.93%
	6th Mile	7,155.00	m ³	24.44	174,897	30.00	214,650	18.52%	425.00	3,040,875	94.25%	250.00	1,788,750	90.22%
	7th Mile and Subsequent Mile	7,155.00	m ³	13.80	98,739	20.00	143,100	31.00%	500.00	3,577,500	97.24%	600.00	4,293,000	97.70%
6	PREPARATION OF SUBGRADE Preparation of Sub Grade including earth excavation or filling to an average depth of 9" dressing to camber and consolidation with power roller	14,310.00	m ²	67.99	972,966	65.00	930,150	-4.60%	800.00	11,448,000	91.50%	70.00	1,001,700	2.87%
7	FORMATION OF EMBANKMENT Earthwork for road embankment by bulldozer 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. For 95-100% modified AASHO density.	14,310.00	m ³	262.37	3,754,486	450.00	6,439,500	41.70%	600.00	8,586,000	56.27%	850.00	12,163,500	69.13%
9	GRANULAR SUBBASE Preparing Sub base course by supplying and spreading stone metal 1-1/2"-2" gauge 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 and compacting to achieve 98-100% density as per modified AASHO specifications (Rate includes all cost of materials, T & P and carriage upto 3 chains).	1,215.00	m ³	1,858.00	2,257,465	2,120.00	2,575,800	12.36%	3,000.00	3,645,000	38.07%	2,000.00	2,430,000	7.10%

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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD															
Comparative Statement															
Carriage Way															
S.NO	ITEM DESCRIPTION	QTY	UNIT	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	
				EA Consulting pvt Ltd			M/s Kaim Khan & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
10	AGGREGATE BASE COURSE 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).	1,215.00	m³	2,350.07	2,855,332.62	2,825.00	3,432,375	16.81%	3,500.00	4,252,500	32.86%	2,100.00	2,551,500	-11.91%	
11	APPLYING BITUMINOUS COAT 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.	8,100.00	m²	8.38	67,846	54.00	437,400	84.49%	100.00	810,000	91.62%	105.00	850,500	92.02%	
12	50mm THICK ASPHALT CONCRETE WEARING COURSE PLANT MIX 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).	8,100.00	m²	1,067.08	8,643,316	700.00	5,670,000	-52.44%	1,800.00	14,580,000	40.72%	980.00	7,938,000	-8.89%	
13	PRECAST KERB BLOCKS 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 Carriage, excavation, form Work for hunching, 1450 PSI lean concrete, 2250 PSI concrete for hunching, 1:4 cement sand mortar.	2,700.00	Rm	1,169.03	3,156,375.60	884.00	2,386,800	-32.24%	1,250.00	3,375,000	6.48%	1,200.00	3,240,000	2.58%	
14	CONCRETE CLASS B FOR FOOTPATH Providing and Laying Concrete having 2450psi cylindrical 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).	621.00	m³	11,025.34	6,846,733.66	8,596.00	5,338,116	-28.26%	15,000.00	9,315,000	26.50%	9,500.00	5,899,500	-16.06%	
TOTAL AMOUNT OF NON-SCHEDULED ITEMS (Rs.)					31,937,135		32,845,014	2.76%		89,555,625	64.34%		49,774,770	35.84%	




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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

**Comparative Statement
Connection Bridges**

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease
					M/s EA Consulting pvt Ltd			M/s Kalm Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch		M/s Sultan Mahmood & Company	
PART-A (SCHEDULED ITEMS)														
1	STONE SOILING Providing and laying dry rammed brick or stone ballast / soiling 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.	Cum	90.00	1,410.32	126,929	3,532.00	317,880	60.07%	3,000.00	270,000	52.99%	3,000.00	270,000	52.99%
2	CONCRETE WORKS Providing and laying cement concrete plain including placing compacting, finishing, leveling and curing complete including screening and washing of stone aggregate without shuttering etc. complete in all respects as per drawing, standard, specifications and as directed by the Engineer.													
	i) Below bottom slab & where required etc.	Cum	30.00	4,784.63	143,539	7,064.00	211,920	32.27%	15,000.00	450,000	68.10%	10,000.00	300,000	52.15%
3	WOODEN FORMWORKS/SHUTTERING Providing, fixing, erection and removal of centering for R.C.C or plain cement concrete works of partial 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.													
	i) Form work for lean concrete	Sqm	11.00	433.57	4,769	538.00	5,918	19.41%	12,500.00	137,500	96.53%	1,000.00	11,000	56.64%
4	RCC CONCRETE Providing and laying Reinforced cement concrete having 4000 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)													
4.1	Bottom slab (4000 Psi)	Cum	210.00	12,212.81	2,564,690	13,128.00	2,756,880	6.97%	15,000.00	3,150,000	18.58%	12,000.00	2,520,000	-1.77%
4.2	Walls (4000 Psi)	Cum	155.00	12,212.81	1,892,985	13,128.00	2,034,840	6.97%	15,000.00	2,325,000	18.58%	13,000.00	2,015,000	6.06%
4.3	Jersey barrier (4000 Psi)	Cum	16.00	12,212.81	195,405	14,660.00	234,560	16.69%	15,000.00	240,000	18.58%	12,650.00	202,400	3.46%
4.4	Girders (4000 Psi)	Cum	40.00	12,212.81	488,512	14,660.00	586,400	16.69%	16,000.00	640,000	23.67%	13,000.00	520,000	6.06%
4.5	Diaphragm Beams (4000 Psi)	Cum	7.00	12,212.81	85,490	21,192.00	148,344	42.37%	16,000.00	112,000	23.67%	14,000.00	98,000	12.77%
4.6	Deck slab (4000 Psi)	Cum	53.00	12,212.81	647,279	14,192.00	752,176	13.95%	16,000.00	848,000	23.67%	13,000.00	689,000	6.06%
4.7	Shear Block (4000 Psi)	Cum	2.00	12,212.81	24,426	14,192.00	28,384	13.95%	20,000.00	40,000	38.94%	13,000.00	26,000	6.06%
4.8	Bearing Pad Plinth (4000 Psi)	Cum	0.36	12,212.81	4,397	14,192.00	5,109	13.95%	25,000.00	9,000	51.15%	26,000.00	9,360	53.03%



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REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

**Comparative Statement
Connection Bridges**

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease											
					M/s EA Consulting pvt Ltd						M/s Kaim Khani & Brothers						M/s Sardar Mohammad Ashraf D. Baluch						M/s Sultan Mahmood & Company		
5	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. <i>(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).</i>																								
5.1	Using Tor Steel Bar	Kg	91,024.80	120	10,922,976	90	8,192,232	-33.33%	134	12,197,323	10.45%	140	12,743,472	14.29%											
6	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.																								
		Sqm	548.40	100.46	55,094	65.00	35,646	-54.56%	100.00	54,840	-0.46%	100.00	54,840	-0.46%											
7	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 partial wood i/c cutting of planks to the exact shape of structure and cost of the material and labor etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.																								
		Rm	33.6	1,822.92	61,250	1,520.00	51,072	-19.93%	3,000.00	100,800	39.24%	730.00	24,528	-149.72%											
Total Amount of Schedule Items (Rs.)					17,217,741		15,361,361	-12.08%		20,574,463	16.31%		19,483,600	11.63%											
PART-B (NON-SCHEDULE ITEMS)																									
8	ELASTOMERIC BEARING PAD Providing, fixing and laying Elastomeric Bearing Pads consisting of steel plate layers with elastomer (ACCORDING TO SIZE AND THICKNESS) - USA/EU MAKE) or equivalent approved etc. complete in all respects as per standard specification, drawing and entire satisfaction of the Engineer.																								
		C.Cm	64,800.00	8.09	524,232	1.95	126,360	-314.87%	5.00	324,000	-61.80%	6.00	388,800	-34.83%											
9	LAUNCHING OF RC GIRDER Launching and placement of RC girder																								
		Tons	91.20	1,329.00	121,205	10,000.00	912,000	86.71%	1,500.00	136,800	11.40%	2,000.00	182,400	33.55%											
Total Amount of Non-Schedule Items (Rs.)					645,437		1,038,360	37.84%		460,800	-40.07%		571,200	-13.00%											



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Procurement Committee
Karachi Development Authority



FEROZE HASSAN SIDDIQUE
MEMBER
Procurement Committee
Karachi Development Authority



ABDUL MUTALIB MANNAN
CHAIRMAN
Procurement Committee
Karachi Development Authority

REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD

Comparative Statement

Electrical Work

S.NO	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Rs.)	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	RATE	AMOUNT (Rs.)	% Increase / Decrease	
				M/s EA Consulting pvt Ltd			M/s Kalm Khani & Brothers			M/s Sardar Mohammad Ashraf D. Baluch			M/s Sultan Mahmood & Company		
Non- Scheduled Items															
1	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.														
1.1	8 m High, Single Arm Pole	Nos.	110	59,760.00	6,573,600	35,200.00	3,872,000	-69.77%	75,000.00	8,250,000	20.32%	36,000.00	3,960,000	-66.00%	
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.	Job.	110	12,500.00	1,375,000	11,000.00	1,210,000	-13.64%	50,000.00	5,500,000	75.00%	16,600.00	1,826,000	24.70%	
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.	Nos.	110	56,960.00	6,265,600	50,000.00	5,500,000	-13.92%	90,000.00	9,900,000	36.71%	62,650.00	6,891,500	9.08%	
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:														
4.1	LCP-01, 02 INCOMING 1 No. 63A, TP MCCB (Ics 15 kA) Timer contactor with Photo Sensor OUTGOING 10 Nos. 10A, TP MCCB	Nos.	2	356,900.00	713,800	50,000.00	100,000	-613.80%	1,000,000.00	2,000,000	64.31%	370,000.00	740,000	3.54%	
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	4,915.00	319,475	1,500.00	97,500	-227.67%	1,500.00	97,500	-227.67%	4,700.00	305,500	-4.57%	
5.2	4c- 16 Sq.mm Cu.PVC/PVC +1c-16 sq.mm PVC as ECC	Rm	2500	2,575.00	6,437,500	700.00	1,750,000	-267.86%	2,000.00	5,000,000	-28.75%	1,440.00	3,600,000	-78.82%	
5.3	4c- 10 Sq.mm Cu.PVC/PVC +1c-10 sq.mm PVC as ECC	Rm	3600	2,200.00	7,920,000	450.00	1,620,000	-388.89%	2,000.00	7,200,000	-10.00%	985.00	3,546,000	-123.35%	



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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.	Rm	60	2,095.00	125,700	742.00	44,520	-182.35%	1,500.00	90,000	-39.67%	4,245.00	254,700	50.65%	
6.1	100 mm dia Upvc	Rm	60	2,095.00	125,700	742.00	44,520	-182.35%	1,500.00	90,000	-39.67%	4,245.00	254,700	50.65%	
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.	Rm	900	260.00	234,000	200.00	180,000	-30.00%	1,000.00	900,000	74.00%	250.00	225,000	-4.00%	
8	Providing, installation, testing and commissioning of Terminal Box IP 65 including 1 No. 4A, Circuit Breaker with terminals, complete in all respect.	Nos.	110	3,800.00	418,000	1,000.00	110,000	-280.00%	10,000.00	1,100,000	62.00%	1,500.00	165,000	-153.33%	
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.	Nos.	2	456,500.00	913,000	33,000.00	66,000	-1283.33%	2,000,000.00	4,000,000	77.18%	900,000.00	1,800,000	49.28%	
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 lisioning with K-Electric for approval of the load, complete in all respect.	Job.	1	250,000.00	250,000	250,000.00	250,000	0.00%	1,500,000.00	1,500,000	83.33%	700,000.00	700,000	64.29%	
11	Providing, installation, testing & commissioning of 3c-70 sq.mm ALXLPE/SWA/PVC MV cable from nearest scoured of K-Electric power supply for incoming cable to 2Nos. 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	547,800.00	547,800	5,000.00	5,000	-10856.00%	2,000,000.00	2,000,000	72.61%	6,000.00	6,000	-9030.00%	
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.	Nos.	22	33,200.00	730,400	15,000.00	330,000	-121.33%	100,000.00	2,200,000	66.80%	45,800.00	1,007,600	27.51%	




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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.														
13.1	1c- 70 Sq. mm as ECC	Rm	80	1,730.00	138,400	200.00	16,000	-765.00%	1,000.00	80,000	-73.00%	2,500.00	200,000	30.80%	
13.2	1c- 16 Sq. mm as ECC	Rm	700	548.00	383,600	150.00	105,000	-265.33%	1,500.00	1,050,000	63.47%	1,200.00	840,000	54.33%	
13.3	1c- 10 Sq. mm as ECC	Rm	1800	450.00	810,000	200.00	360,000	-125.00%	2,000.00	3,600,000	77.50%	680.00	1,224,000	33.82%	
TOTAL AMOUNT OF NON- SCHEDULED ITEMS (Rs.)					34,155,875		15,616,020	-118.72%		54,467,500	37.29%		27,291,300	-25.15%	


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