

DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI

Main Building of DMC (East), near KDA Police Station, Block-14, University Road, Karachi

No.EE DMC (E) 3\$7 2016

Dated the 2.3 / 11 /2016

The Director (Assessment) SPPRA, Government of Sindh, Barrack No.08, Sindh Secretariat No.4-A Court Road., Karachi,

# SUBJECT: - SUBMISSION OF TENDER DOCUMENTSRef: -PS/SE/DMC/E/1222/2016 Dated: - 22 /11 /2016

Enclosed please find herewith Hard & Soft Copy of Tender Documents . Notice inviting Lender including bill of quantities, bidding data, standard terms and condition of bidding documents volume-1, notification of procurement Committee, Redrassal Committee , Eligibility – Minimum Qualification Criteria, Evaluation Criteria , Procurement Plane , & Rs:2000 Pay order whose date of opening is on 12/12/2016 are hereby sent with the request to upload on the website of SPPRA authority for your perusal and further necessary action please.

Executiv& Ungineer {M&E} D.M.C.(EAST)

### Copy for information to:-

4) Office copy

1) The Chairman D.M.C (East)

2) The Municipal Commissioner D.M.C (East)

3) The Superintending Engineer DMC (East)

Executive Engineer {M&E}



### DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI

Main Building of DMC(East), near KDA Police Station, Block-14, University Road, Karachi

Telephone No.99230355

Fax No.99230871

No.PS/SE/DMC/East/<u>/ 201</u>2016

Dated: <u>29/11/8.16</u>

### **TENDER NOTICE**

### Single Stage Single Envelope

Tender in sealed covers are invited on Open Rate Basis for the following works/jobs from the interested Firm/Bidders, according to the SPPRA Rules-2010(Amended 2013). Details given below:-

Sr. #	NAME OF WORK	PC COST	5%EARNEST MONEY	TENDER COST	TIME OF COMPLETION
1	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # NO. 159480 & 1206 VOLVO COMPACTOR & MESSAY TRACTOR	Rs. 9,99,000/-	5 % Quoted Rate	2000/=	45 Days
2	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (East) VEHICLE # 11156, HINO COMPACTOR	Rs. 9,97,400/-	5 % Quoted Rate	2000/=	45 Days
3	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # ISUZU NPR DUMPER 468, HINO 4045 & NISSAN # 3248	Rs. 9 <b>,98</b> ,000/-	5 % Quoted Rate	2000/=	45 Days
4	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # NISSAN DUMPER# 3254 & ISUZU NPR DUMPER # 2686	Rs. 9,98,400/-	5 % Quoted Rate	2000/=	45 Days
5	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE ISUZU NPR DUMPER # 463 & ISUZU FTR DUMPER# 3601410	Rs. 9,98,800/-	5 % Quoted Rate	2000/=	45 Days
6	REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE LOADER CLG-835 LING LONG LOADER & HINO FF DUMPER# 11397	Rs. 9,97,000/-	5 % Quoted Rate	2000/=	45 Days

### **TERMS & CONDITIONS**

#### 1. Tender Schedule shall be as follows: -

SCHEDULE	DATE & TIME	VENUE
Receiving of applications and issuing of tenders	From: <u>25-11-2016</u> To: <u>09-12-2016</u> During office hours	Office of the Executive Engineer (M&E) Situated at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
Dropping of Tenders	<u>12-12-2016</u> 02.00 pm	Committee Room, DMC (East) at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
Opening of tenders	<u>12-12-2016</u> 02.30 PM	Committee Room, DMC (East) at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi

#### II. Un-responded tenders will be again issue / submitted / Opened on following dates: Attempt 2<sup>nd</sup>

SCHEDULE	DATE & TIME	block "B" SMCHS near Darwaishia Masjid, Jamshed Zone Karachi Committee Room, DMC (East) at Gol market block "B" SMCH:		
Receiving of applications and issuing of tenders	From: <u>13-12-2016</u> To: <u>28-12-2016</u> During office hours	Office of the Executive Engineer (M&E) Situated at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi		
Dropping of Tenders	<u>29-12-2016</u> 02.00 pm	Committee Room, DMC (East) at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi		
Opening of tenders	<u>29-12-2016</u> 02.30 PM	Committee Room, DMC (East) at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi		

Continued Page (2)

#### Page No: (2)

2. The tender documents are available for sale with effect from the first date of publication of this NIT Hosted on SPPRA Website from the Office of (1) Executive Engineer, (M&E) DMC (East) at Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi during the Office Hours on any working day on payment of non refundable cost of tender mentioned against work, through Pay Order from any Schedule bank in favour of DMC(East) and on submission of a written application. No tender will be sold on the Tender Opening Day.

#### 3. Eligibility Criteria:

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- (a) Bidders may be excluded if,
- (i) A Firm is black listed/debarred by the Procuring Agency and the matter has been reported to the Authority.
- (b) Bidders included are.
- (i) Registered with relevant Tax authorities(Income/Sale tax) where applicable.
- (ii) Registered with Sindh Revenue Board {SRB}

#### Minimum Qualification Criteria:

- i) List of similar assignment with cost (At least two Projects) undertaken over the past (03) Three years.
- ii) Detail of equipments, Machinery and Transport owned/Leased/Hired by Firm/Contractor.
- iii) financial Statement (Minimum 01 million) and Income Tax return for the last three (03) years.
- iv) Affidavit that firm has never been Black listed
- 4. Earnest Money equal 5 % of the Offered Amount should be enclosed along with tender in shape of Pay order from any Schedule Bank in favour of DMC (East).
- 5. In case of opening date is declared as a public holiday by the Government, the next official working day shall be deemed to be the date for submission and opening of tenders at the same time.
- 6. Conditional tender will not be accepted.
- 7. Tender in unsealed covers will not be accepted.
- 8. The total bid as well as the rates in items must be filled in both IN FIGURE & WORDS and in case of any correction is made by the Contractor himself, then each correction must be initialed by the Contractor
- 9. Bid Security shall be released to the un-successful bidders once the Contact has been signed with the Successful bidder or validity period has expired.
- 10. canvassing in connection with tenders is strictly prohibited and tenders submitted by the Contractors who resort
- to canvassing will be liable for rejection.
- 11. The Tenders can be seen / downloaded from the SPPRA Website (www.Spprasindh.gov.pk) with tender fee mentioned as above by mail or by hand.
- 12. The Procurement Agency may accept or reject any or all tenders to the Provision of SPPRA Rules -2010 (Amended 2013).

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SUPERINTENDING ENGINEER District Municipal Corporation (East)

Director (CB) SPPRA, Government of Sindh with request to upload on the Website of SPPRA/Authority.

#### Copy for information to:-

- 1) The Chairman, DMC (East), Karachi.
- 2) The Municipal Commissioner, DMC (East), Karachi.
- 3) The Executive Engineer (B&R) Jamshed Zone, DMC (East), Karachi.
- 4) All Members/Chairman Procurement Committee, DMC (East), Karachi.

Work No: (01)

BIDDING DATA

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(a).	Name of Procuring Agency Jamshed Zone, DMC (East), Karachi
(b).	Brief Description of Works REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # NO. 159480 & 1206 VOLVO COMPACTOR & MESSAY TRACTOR
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid. Jamshed Zone, Karachi
(d).	Estimated Cost: Open Rate
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding 5%)
( <b>f</b> ).	Period of Bid Validity (days):90 Days
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)
(h).	Percentage, if any, to be deducted from bills :07.50% Income Tax
(i).	Deadline for Submission of Bids along with time : <u>12-12-2016 at 02:00 pm</u>
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East), Karachi, Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
•	Time 02:30 pm Date 12-12-2016
(k).	Time for Completion from written order of commence: 45-Days
(I).	Bid Language:English
(m).	Currency of Bid and Payment: <u>Pak Rupees</u>
(n).	Liquidity damages:
(0).	Deposit Receipt No:
	Date:
	Amount:
	CONTRACTOR JAMSHED ZONE DMC(EAST)



DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI Main Building of DMC(East), near KDA Police Station, Block-14, University Road, Karachi

## **Tender Reference No: 01**

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # NO. 159480 & 1206 VOLVO COMPACTOR & MESSAY TRACTOR

Estimated Cost Rs:Open Rate\_Bid Security Rs:05% (Security Deposit )Tender Cost Rs:2000/=

#### NOTE:

- 1. This Document contains 04-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST)

Issue To M/s: \_\_\_\_\_\_

P.O Order No: \_\_\_\_\_ Rs, \_\_\_\_ Dated \_\_\_\_\_

Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.

## BILL OF QUANTITIES

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## DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI (Jamshed Zone)

P.C. Cost Rs:	9,99,000/	Earnest Money Rs:	<u>5% quoted Rate</u>
Time Limit	<u>45-Days</u>	Penalty per Day:	<u>Rs: 2000/=</u>
Validity Period:	90 Days	Tender Fee:	<u>Rs: 2000/=</u>

 Subject:
 REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE #

 NO. 159480 & 1206 VOLVO COMPACTOR & MESSAY TRACTOR

S. NO.	DESCRIPTION	Quantity	Rate	Amount
	Vehicle No: 159480	·		
1	Dismantling and opening / fitting the engine radiator assembly, Diesel Pump etc and re-fitting the engine required parts after the mechanic work i/c work i/c re-fitting the gear box etc and star			
	setting the engine complete as required	01 Job	O/R	O/R
2	ENGINE: Overhauling work includes the cost of replacement of following			
	parts:			
	a) Liner kit.01 set			
i i	b) Main and big end bearing.01 set			
	c) Engine overhauling kit.01 set			i
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set	İ	i	i
	f) Cam bush set.01 set			1
1	g) Connecting rod bush set.01 set		1	
	h) Taped bush.01 set			
	i) Valve catcher.01 set			
	j) Oil pump assembly.01 set			İ
	k) Hose pipes / fan belts.01 set	0.1.1	0/5	0/5
	l) Thrust cooler 01 No.	01 Job	O/R	O/R
3	FUEL INJECTION PUMP:			1
	Overhauling work includes the cost of replacement of following parts:		-	i
	a) P/F R/head disk 01 no	1		I
	b) P/F Diesel plate.01No		I	1
	c) P/F Packing kit.01set			
	d) P/F Spring with washer.01set			1
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
4	MACHINING /GRINDING WORKS:			
	a) Crank shaft grinding & polishing alignment according to			
	required size.	1		
	b) Cam bush fitting.		i I	
	c) Connecting rod bush fitting.			i
	d) Cylinder boring / sleeve removing.		1	
	e) Sleeve fitting.		8	
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.	Ì		
	h) Valve seat cutting & facing.		l I	
	i) Head facing.		1	ŝ
	j) Main Tikli fitting.		l	1
	k) Crank shaft alignment.			
	l) Engine block and head checking with chemical treatment			
	checking cleaning of all engine lines.	01 Job	O/R	O/R

ć	· 5	CLUTCH SYSTEM:	T		
•	5	Overhauling work include the cost of replacement of following parts:	i		
		a) Clutch plate assembly 01No			
		b) pressure plate assembly 01 No			
- <b>-</b>	1	c) Clutch thus bearing 01 No			
-		d) Clutch cylinder (upper & lower) kit.02 Kit			
		e) P/F fry wheel new 01 No			
		f) Clutch paddle 01 No			
		, , ,	01 105	O/R	O/R
			01 J <b>o</b> b	, 0/R	V
	6	BRAKE SYSTEM:	L	I	i
		Overhauling work include the cost of replacement of following parts:		1	
		a) Brake washers.12 No's			
		b) Brake shoes.16 No's			
		c) Wheel oil seal.04 No's	į		
		d) Brake booster control valves.03 No's	i.		i
		,	1	I	
		e) Brake booster diaphragms.04Nos	1	1	
		f) Liner kit of compressor.01set			1
		g) P/F wheel cylinder 08 No			:
		h) Wheel stud 32 No		1	i
		i) Wheel drum 04 No			
		j) P/F master cylinder assembly 01 No			
			01 job	O/R	O/R
	7	ELECTRIC SYSTEMS:			
	1	P/F complete wiring kit work includes the cost of the replacement of			
		following Genuine/ Imported Accessories:			
	I	a) P/F Head light complete with housing.04 No's		1	i i
		b) Back light assembly.02Nos			
				1	
				i	
		d) P/F Indicator assembly.04Nos		1	
		e) P/F Choke cable.02Nos		i -	1
		<li>f) P/F Side glasses with stand.01Nos</li>	1	1	1
		g) P/F oil gauge.02Nos			
		h) Wipers' with motors	01 Job	O/R	O/R
	8	RADIATOR	↓	+- '	
	0				
	i	P/F the Radiator 4 Parallel tubes system opening Top and bottom of			i
		old radiator and resoled on new radiator refitting the radiator on the		I	i
		vehicle	1	1	
		P/F Water body 01 No.		1	
		a) P/F	,		
		b) Radiator Fan 01 No.			
		,			
		c) P/F Fan belt 01 No.	1		
	i	d) P/F Hose Pipe 02 No.		0.15	0/5
		e) P/F Hose pipe clip 04 No.	01 Job	O/R	0/R
		Vehicle No. 1206			
	9	Dismantling and opening / fitting the engine Radiator assembly,			
	-	Diesel Pump etc and re-fitting the engine required parts after the			
	1				
	i	mechanic work i/c re-fitting the gear box etc, and star, setting the	01 7-6	0.0	
		engine complete as required.	01 Job	O/R	O/R
	10	<u>ENGINË:</u>		i	i
		Overhauling work includes the cost of replacement of following	1		ļ
		parts:	I	į	
			1	1	
		a) Liner kit 01 set			1
		a) Liner kit.01 set			
	ļ	b) Main and big end bearing.01 set			
	ļ	<ul><li>b) Main and big end bearing.01 set</li><li>c) Engine overhauling kit.01 set</li></ul>			1
		<ul> <li>b) Main and big end bearing.01 set</li> <li>c) Engine overhauling kit.01 set</li> <li>d) Valve inlet / exhaust set.01 set</li> </ul>			
	ļ	<ul><li>b) Main and big end bearing.01 set</li><li>c) Engine overhauling kit.01 set</li></ul>			
	! !	<ul> <li>b) Main and big end bearing.01 set</li> <li>c) Engine overhauling kit.01 set</li> <li>d) Valve inlet / exhaust set.01 set</li> <li>e) Valve guide set.01 set</li> </ul>			•
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11	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following			
	parts:			
		ĺ	Ì	
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set	ĺ		
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
12	MACHINING /GRINDING WORKS:	ļ.	1	
	a) Crank shaft grinding & polishing alignment according to		ļ	i.
	required size.			
	b) Cam bush fitting.			
	c) Connecting rod bush fitting.			
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.	ĺ	1	
	g) Main & Big end bearing fitting.		1	
	h) Valve seat cutting & facing.	i	l	
	i) Head facing.			
	j) Main Tikli fitting.			
	k) Crank shaft alignment.			ļ
	<ul> <li>I) Engine block and head checking with chemical treatment</li> </ul>			
	checking cleaning of all Engine lines.	01 Job	O/R	0.10
1 7		1 00 100		O/R
13	P/F Hydraulic Pump Assembly	01 N-		
		01 No.	O/R	O/R
14	P/F Fuel Pump		1	j
	· /· · · · · · · · · · · · · · · · · ·	01 No.	O/R	O/R
15	P/F Generator assembly Kablee			
		01 No.	O/R	O/R
16	CLUTCH SYSTEM:			ļ
	Overhauling work include the cost of replacement of following parts:			
	a) Clutch plate assembly 01 No.	ſ		
	b) Pressure plate Assembly .01 No	1	i	i
	c) Clutch thus bearing. 01 No.			
	d) Clutch cylinder (upper & lower) kit.02 Kit			I
	e) P/F Fry wheel new. 01 No.			1
	f) Clutch Paddle 01 No.			ĺ
	g) Clutch Cable Assembly 01 No.	01 Job	O/R	O/R
17	BRAKE SYSTEM:	·		
	Overhauling work include the cost of replacement of following parts:			
			1	
	a) Brake washers 12 No's			
	a) Brake washers.12 No's b) Brake shoes 16 No's			
	b) Brake shoes.16 No's			
	<ul><li>b) Brake shoes.16 No's</li><li>c) Wheel oil seal.04 No's</li></ul>			
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	<ul> <li>b) Brake shoes. 16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul>	<b>01</b> Job	0/R	O/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul>	01 Job	O/R	O/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of	01 Job	O/R	O/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul>	01 Job	O/R	O/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of	<b>01</b> Job	O/R	0/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories.	01 Job	O/R	0/R
18	<ul> <li>b) Brake shoes. 16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> </ul>	01 Job	O/R	O/R
18	<ul> <li>b) Brake shoes. 16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> <li>c. P/F parking light. 02 No.</li> </ul>	01 Job	O/R	0/R
18	<ul> <li>b) Brake shoes. 16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> <li>c. P/F parking light. 02 No.</li> <li>d. P/F indicator assembly. 04 No.</li> </ul>	01 Job	O/R	0/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> <li>c. P/F parking light. 02 No.</li> <li>d. P/F indicator assembly. 04 No.</li> <li>e. P/F Viper blade assembly. 02 No.</li> </ul>	01 Job	O/R	0/R
18	<ul> <li>b) Brake shoes. 16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> <li>c. P/F parking light. 02 No.</li> <li>d. P/F indicator assembly. 04 No.</li> <li>e. P/F Viper blade assembly. 02 No.</li> <li>f. P/F choke cable. 01 No.</li> </ul>	01 Job	O/R	0/R
18	<ul> <li>b) Brake shoes.16 No's</li> <li>c) Wheel oil seal.04 No's</li> <li>d) Brake booster control valves.03 No's</li> <li>e) Brake booster diaphragms.04No's</li> <li>f) Liner kit of compressor.01set</li> <li>g) P/F Wheel cylinder. 08 No.</li> <li>h) Wheel Stud 32 No.</li> <li>i) Wheel Drum 04 No.</li> <li>j) P/F master cylinder assembly 01 No.</li> <li>k) P/F Brake booster assembly with air tank Complete. 02 No.</li> </ul> <b>ELECTRIC SYSTEM:</b> P/F complete wiring kit work includes the cost of the replacement of following genuine/ Imported accessories. <ul> <li>a. P/F headlight complete with housing. 04 No</li> <li>b. P/F Backlight assembly 02 No.</li> <li>c. P/F parking light. 02 No.</li> <li>d. P/F indicator assembly. 04 No.</li> <li>e. P/F Viper blade assembly. 02 No.</li> </ul>	<b>01</b> Job	O/R	0/R

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- 1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.
- 2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

#### Item Based on Open Rate

The Total Amount is Rs:	Rupees
	For the complete job for all schedule of rates

I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed.

Contractor's Signature\_\_\_\_\_Address:

Checked By:-

A.E.E

Sub-Engineer

EXECUTIVE ENGINEER (M&E) Jamshed Zone, DMC (East)

Work No: (02)

**BIDDING DATA** 

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(a).	Name of Procuring Agency Jamshed Zone, DMC (East), Karachi
(b).	Brief Description of Works REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (East) VEHICLE # 11156, HINO COMPACTOR
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid. Jamshed Zone, Karachi
( <b>d</b> ).	Estimated Cost: Open Rate
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding 5%)
(f).	Period of Bid Validity (days):90 Days
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)
(h).	Percentage, if any, to be deducted from bills :07.50% Income Tax
(i).	Deadline for Submission of Bids along with time : 12.12-2016 at 02:00 pm
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East). Karachi. Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
	Time 02:30 pm Date 12.12-2016
(k).	Time for Completion from written order of commence: 45-Days
(I) <i>.</i>	Bid Language: English
(m).	Currency of Bid and Payment:Pak Rupees
(n).	Liquidity damages: (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).
(0).	Deposit Receipt No:
	Date:
	Amount:
	Executive Éngineer (M&E)
	CONTRACTOR JAMSHED ZONE DMC(EAST)



DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI Main Building of DMC(East), near KDA Police Station, Block-14, University Road, Karachi

## **Tender Reference No: 02**

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (East) VEHICLE # 11156, HINO COMPACTOR

Estimated Cost Rs:	Open Rate
Bid Security Rs:	05% (Security Deposit)
Tender Cost Rs:	2000/=

#### NOTE:

- 1. This Document contains 03-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST)

Issue To M/s: \_\_\_\_\_

P.O Order No: \_\_\_\_\_\_ Rs, \_\_\_\_\_ Dated\_\_\_\_\_\_

Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.

## BILL OF QUANTITIES

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### DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI (Jamshed Zone)

 P.C. Cost Rs:
 9,97,400/ Earnest Money Rs:
 5% quoted Rate

 Time Limit
 45-Days
 Penalty per Day:
 Rs: 2000/=

 Validity Period:
 90 Days
 Tender Fee:
 Rs: 2000/=

Subject: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (East) VEHICLE # 11156, HINO COMPACTOR

S. NO	DESCRIPTION	Quantity	Rate	Amount
1	Dismantling the engine/gear box/fuel pump etc. opening and re-fitting the complete job after over hauling the engine.	01 Job	O/R	O/R
2	MACHINING / GRINDING WORKS:	1 01 505		0,10
2	a) Crank shaft grinding.		1	
	b) Cam bush fitting.		1	
	c) Connecting rod bush fitting.	1		
	d) Cylinder boring / sleeve removing.			1
	e) Sleeve fitting.			
	f) Head Tikli fitting.			1
	g) Main & Big end bearing fitting.			1
	h) Valve seat cutting & facing.			
	i) Head facing.			1
	j) Main Tikli fitting.			
	k) Crank shaft alignment.			
	I) Chemical treatment Engine block and head Assembly.	01 Job	0/D	OIR
3		01 00	O/R	O/R
J	ENGINE:			
	Overhauling work includes the cost of replacement of following parts: a) Liner kit.01 set			1
				•
	c) Engine overhauling kit.01 set			: 
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set			
	f) Cam bush set.01 set			İ
	g) Connecting rod bush set.01 set	1		1
	h) Taped bush.01 set			
	i) Valve catcher.01 set	Ì		1
	j) Oil pump assembly.01 set		0 / 5	
4	k) Hose pipes / fan belts.01 set	01 Job	O/R	O/R
4	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following parts:			
	a) P/F Plunger set			I
	b) P/F Diesel plate.01No			I
	c) P/F Packing kit.01set			
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set	0.11	0 / 5	0.15
r	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
5	CLUTCH SYSTEM:			
	Overhauling work include the cost of replacement of following parts:			
	a) Clutch plate 01Job			
	b) pressure plate 01Job			
	h) Clutch cylinder (upper & lower) kit.02 Kit			
	i) fry wheel turning polishing.01job	01 Job	O/R	0/R
6	BRAKE SYSTEM:	1		
	Overhauling work include the cost of replacement of following parts:	1	i	
	a) Brake washers.12 No's			
	b) Brake shoes.16 No's			
ļ	c) Wheel oil seal.04 No's		I	
	d) Brake booster control valves.03 No's	i I		
	e) Brake booster diaphragms.04Nos			
	f) Liner kit of compressor.01set		1	
	<li>g) Wheel cylinder complete in all respect 04jobs</li>	01 job	O/R	O/R

7	ELECTRIC SYSTEMS:		· · – · ·	1
	P/F complete wiring kit work includes the cost of the replacement of following Genuine/ Imported Accessories:		1	-
	<ul> <li>a) P/F Head light complete with housing.04 No's</li> <li>b) Back light assembly.02Nos</li> <li>c) P/F Parking light.02Nos</li> </ul>			
	<ul> <li>d) P/F Indicator assembly.04Nos</li> <li>e) P/F Choke cable.02Nos</li> </ul>			
	<ul><li>f) P/F Side glasses with stand.01Nos</li><li>g) P/F oil gauge.02Nos</li></ul>		+	
8	h) Wipers' with motors P/F Self Assembly (Kaablee) complete in all respect	01 Job	O/R O/R	.: 0/R
9	P/F Self Assembly (Kaablee) complete in all respect	01 Job	     0/R	· 9/R
10	P/F the Water Body complete in all respect	01 Job	0/R	0/R
11	P/F Batteries 100Amps 02 MF	01 Job	O/R	O/R
12	Providing / Fixing Hose pipe upper with clip.	01 Job	O/R	O/R
13	Providing / Fixing Hose pipe lower with clip.	01 Job	l O/R	O/R
14	Providing / Fixing complete radiator assembly.	01 Job	O/R	O/R
15	Providing / Fixing P.T.O cable.	01 Job	O/R	O/R
16	Providing / Fixing lift hydraulic pipe (HP) duly fitted with nipple & connector.	01 Job	O/R	O/R
17	Control valve assembly repair.	01 Job	0/R	O/R
18	Repair of PTO pump (gear) by means of opening the pump replacing the oil seal, pump gear & full pump kit & than re-fitting the same as and when required.	01 Job	O/R	O/R
19	Driving shaft cross throwing / setting & fitting as and when required.	01 Job	O/R	O/R
20	Main shaft repairing.	01 Job	O/R	0/R
21	Providing / Fixing main shaft cross.	01 Job	O/R	O/R
22	Providing / Fixing driving shaft center rubber.	01 Job	O/R	O/R
23	Providing / Fixing driving shaft center rubber with bearing	01 Job	O/R	O/R
24	Tia Rod repairing complete.	01 Job	0/R	O/R
25	Steering pump repairing by means of replacing & unserviceable parts and component as required.	01 Job	O/R	O/R
26	Repairing of hydraulic jack by means of opening the jack replacing oil seal, jack piston, chuck nut, new making and re-fitting the same as and when required.	01 100	 	
27	Providing / Fixing jack pin.	01 Job		
28	Dismantling the diesel tank complete washing cleaning & re-fitting the same as and when required.	01 Job 01 Job	O/R O/R	0/R 0/R
29	Providing / Fixing diesel pipe.	01 Job	0/R	0/R
30	Providing / Fixing rear axle.	01 Job	i o/r	
31	Repair of differential gear by means of opening the differential tube replacing pinion, bearing, packing and broken/damaged gear and re-fitting the same as and when required.	01 Job	0/R_	O/R
32	Brake Pipe repair.	01 Job	O/R	O/R
33	Providing / Fixing Fan Belt	01 Job	O/R	O/R
34	Providing / Fixing Main shaft nut bolt.	01 Job	O/R	O/R
35	Providing / Fixing wind screen assembly.	01 Job	0/R	- 0/R

36	Providing / Fixing Fuel pump assembly.			
		01 Job	O/R	O/R
37	P/f the M.S Mud Guard front and rear complete in all respect.			
		01 Job	O/R	O/R
38	Repair of front spring leafs by means of opening repairing and refitting the			Ì
	same. The work i/c P/F broken spring leafs. Change of U-Clamp, center bolt			i
	leaf bush and tensioning the all leafs etc. as required as per required as per			
	instruction of E/I	01 Job	0/R	O/R
39	Repair of rear spring leafs by means of opening repairing and refitting the			T
	same. The work i/c P/F all broken spring leafs. Change of U-Clamp, center			
	bolt leaf bush and tensioning the all leafs etc. as required as per required as	ļ		[
	per instruction of E/I	01 Job	O/R	O/R
40	Denting the driver's cabin and coolly cabin dash board front show remaking			
	seats, floor and roof, paidan, two sides, i/c doors of the cabin and Cargo			
	body by means of remaking the damage portion by P/F new M.S plate of			
	required size as mentioned above denting/shaping and grinding etc.	i		
	complete as required.	01 Job	O/R	l O/R
41	Painting of complete body with Doors by means of scraping the old paint and			
	repainting the complete job spray painting 2 coats color i/c internal outer of			
	body and polishing and finishing complete as required.	01 Job	O/R	O/R
42	Opening the hydraulic pump and replacement of plunger and pin bushes,			
	safety valve and complete seal replacement of hydraulic pipes and refitting			
	same job i/c labor complete in all respect.	01 Job	O/R	O/R
43	P/F silencer complete in all respect		_	
		01 Job	O/R	O/R

#### NOTE:

- 1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.
- 2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

#### Item Based on Open Rate

The Total Amount is Rs: _	Rupees	
	For the complete job for all schedule of ra	ates

I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed.

Contractor's Signature\_\_\_\_\_ Address: \_\_\_\_\_

Checked By:-

A.E.E

Sub-Engineer

EXECUTIVE ENGINEER (M&E)

Jamshed Zone, DMC (East)

Work No: (03)

**BIDDING DATA** 

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(a).	Name of Procuring AgencyJamshed Zone, DMC (East), Karachi
(b).	Brief Description of Works REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # ISUZU NPR DUMPER 468, HINO 4045 & NISSAN # 3248
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid. Jamshed Zone, Karachi
(d).	Estimated Cost: Open Rate
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding 5%)
(f).	Period of Bid Validity (days):90 Days
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)
(h).	Percentage, if any, to be deducted from bills :07.50% Income Tax
(i).	Deadline for Submission of Bids along with time : <u>12-12-2016 at 02:00 pm</u>
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East). Karachi. Gol market block "B" SMCHS near Darwaishia Masjid Jamshed Zone, Karachi
	Time 02:30 pm Date 12-12-2016
( <b>k</b> ).	Time for Completion from written order of commence:45-Days
(1).	Bid Language:English
(m).	Currency of Bid and Payment:Pak Rupees
(n).	Liquidity damages:
(O).	Deposit Receipt No:
	Date:
	Amount:
	$\int$
	- Ning-
	CONTRACTOR JAMSHED ZONE DMC(EAST)



## Tender Reference No: 03

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # ISUZU NPR DUMPER 468, HINO 4045 & NISSAN # 3248

Estimated Cost Rs:Open RateBid Security Rs:05% (Security Deposit )Tender Cost Rs:2000/=

### NOTE:

- 1. This Document contains 04-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

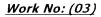
EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST)

Issue To M/s: \_\_\_\_\_\_

P.O Order No: \_\_\_\_\_\_ Rs, \_\_\_\_\_ Dated \_\_\_\_\_

Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.





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### DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI (Jamshed Zone)

P.C. Cost Rs:	9,98,000/-	Earnest Money Rs:	5% quoted Rate
Time Limit	<u>45-Days</u>	Penalty per Day:	<u>Rs: 2000/=</u>
Validity Period:	90 Days	Tender Fee:	<u>Rs: 2000/=</u>

Subject: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # ISUZU NPR DUMPER 468, HINO 4045 & NISSAN # 3248\_\_\_\_\_

S. NO	DESCRIPTION	Quantity	Rate	Amoun
	<u>ISUZU NPR # 468</u>		l	
1	Dismantling the engine/gear box/fuel pump etc opening and re-fitting the			
~	complete job after over hauling the engine.	01 Job	O/R	0/R
2	MACHINING /GRINDING WORKS:			
	<ul><li>a) Crank shaft grinding.</li><li>b) Cam bush fitting.</li></ul>			
	c) Connecting rod bush fitting.			
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.			
	h) Valve seat cutting & facing.			
	i) Head facing.			
	j) Main Tikli fitting.		ĺ	
	k) Crank shaft alignment.		i	
	I) Chemical treatment Engine block and head Assembly.	01 Job	O/R	O/R
	ENGINE:			
	Overhauling work includes the cost of replacement of following parts:			
	a) Liner kit.01 set	1		
	b) Main and big end bearing.01 set			
	c) Engine overhauling kit.01 set			
	d) Valve inlet / exhaust set.01 set		ł	
	e) Valve guide set.01 set		i	
	f) Cam bush set.01 set			
	g) Connecting rod bush set.01 set		1	
	h) Taped bush.01 set			
	<ul><li>i) Valve catcher.01 set</li><li>j) Oil pump assembly.01 set</li></ul>	1	ļ	
	k) Hose pipes / fan belts.01 set	01 Job	O/R	O/R
	FUEL INJECTION PUMP:	01 500		
	Overhauling work includes the cost of replacement of following parts:		!	
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set		c.	
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
-	CLUTCH SYSTEM:			
	Overhauling work include the cost of replacement of following parts:		1	
	a) Clutch plate 01-Job		-	
	pressure plate kit.01-Job	Ì	1	
	b) Clutch cylinder (upper & lower) kit. 02-Kit			- (n
	c) fry wheel turning polishing. 01-job	01 Job	O/R	O/R
			·   	

6	BRAKE SYSTEM:			
	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's	i I		
	b) Brake shoes.16 No's			
	c) Wheel oil seal.04 No's			
	d) Brake booster control valves.03 No's			
	e) Brake booster diaphragms.04No's			
	f) Liner kit of compressor.01set			
	g) Wheel cylinder complete in all respect 04-jobs	01 Job	O/R	0/
7	ELECTRIC SYSTEMS:			
	P/F complete wiring kit work includes the cost of the replacement of			
	following Genuine/ Imported Accessories:			
	a) P/F Head light complete with housing.04 No's	1		
	<ul> <li>b) Back light assembly.02Nos</li> </ul>		ĺ	
	c) P/F Parking light.02Nos			
	d) P/F Choke cable.02Nos			
	e) P/F Side glasses with stand.01No's			
	f) P/F Alternator 85A -24Volt= 01 No.			
	g) P/F/Repair of Self-assembly complete with solenoid switch =			
	01No		1	
	<ul> <li>q) Repair of generator assembly complete in all respect = 01No</li> </ul>	01 Job	O/R	0/
HIN	O FB # 4045			
		1		
1	Dismantling the engine/gear box/fuel pump etc. opening and re-fitting the			
Ţ	complete job after over hauling the engine.	01 Jcb	O/R	O/
٦			, N/ N	
2	MACHINING /GRINDING WORKS:			
	a) Crank shaft grinding.			
	b) Cam bush fitting.			
	c) Connecting rod bush fitting.			
	<ul> <li>d) Cylinder boring / sleeve removing.</li> <li>e) Sleeve fitting.</li> </ul>			
			!	
	g) Main & Big end bearing fitting.			
	h) Valve seat cutting & facing.			
	i) Head facing.			
	j) Main Tikli fitting.			
	k) Crank shaft alignment.	01 100	0/0	0/
	I) Chemical treatment Engine block and head Assembly.	01 Job	O/R	0/
3	ENGINE:			
	Overhauling work includes the cost of replacement of following parts:			
	a) Liner kit.01 set			
	b) Main and big end bearing.01 set		ļ	
	c) Engine overhauling kit.01 set			
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set			
	<ul> <li>f) Cam bush set.01 set</li> <li>g) Connecting rod bush set.01 set</li> </ul>			
			1	
	h) Taped bush.01 set			
	i) Valve catcher.01 set			
	j) Oil pump assembly.01 set	01 Job	O/R	0/
	k) Hose pipes / fan belts.01 set	01 00		0/
4	FUEL INJECTION PUMP:			
4		1		
4	Overhauling work includes the cost of replacement of following parts:			
4	Overhauling work includes the cost of replacement of following parts: a) P/F Plunger set			
4	Overhauling work includes the cost of replacement of following parts: a) P/F Plunger set b) P/F Diesel plate.01No			
4	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set			
4	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set			
4	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set			
	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set	01 Job	O/R	0/
4	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set	01 Job	O/R	0/
	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         CLUTCH SYSTEM:       Overhauling work include the cost of replacement of following parts:	01 Job	O/R	0/
	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         CLUTCH SYSTEM:       Overhauling work include the cost of replacement of following parts:         a)       Clutch plate 01Job	01 Job	O/R	0/
	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         CLUTCH SYSTEM:         Overhauling work include the cost of replacement of following parts:         a)       Clutch plate 01Job         pressure plate kit.01Job	01 Job	O/R	0/
	Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         CLUTCH SYSTEM:       Overhauling work include the cost of replacement of following parts:         a)       Clutch plate 01Job	01 Job	O/R	0/

6	BRAKE SYSTEM:	T		
	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's			
	,			
	b) Brake shoes.16 No's			
	c) Wheel oil seal.04 No's			
	d) Brake booster control valves.03 No's			
	e) Brake booster diaphragms.04Nos			
	f) Liner kit of compressor.01set			
		01 Job	0.0	
		01 Job	O/R	O/R
7	ELECTRIC SYSTEMS:			
	P/F complete wiring kit work includes the cost of the replacement of			
	following Genuine/ Imported Accessories:			
	a) P/F Head light complete with housing.04 No's			
	b) Back light assembly.02Nos			
	d) P/F Choke cable.02Nos			
	e) P/F Side glasses with stand.01No's			
	f) P/F Alternator 85A -24Volt= 01 No.			
	g) P/F/Repair of Self-assembly complete with solenoid switch =			
	01No		1	
		01 Job	O/R	O/R
	h) Repair of generator assembly complete in all respect = 01No		<u>Y/N</u>	· · ·
NIS	<u>SAN # 3248</u>			
1	Dismantling the engine/gear box/fuel pump etc. opening and re-fitting the			_
	complete job after over hauling the engine.	01 Job	O/R	0/R
2	MACHINING /GRINDING WORKS:			
_	a) Crank shaft grinding.			
	b) Cam bush fitting.			
	c) Connecting rod bush fitting.			
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.			
	h) Valve seat cutting & facing.		i	
	i) Head facing.			
	j) Main Tikli fitting.	1	i	
	k) Crank shaft alignment.			
	I) Chemical treatment Engine block and head Assembly.	01 Job	O/R	O/R
3	FNGINE:			
3	ENGINE: Overhauling work includes the cost of replacement of following parts:			
3	Overhauling work includes the cost of replacement of following parts:			
3	Overhauling work includes the cost of replacement of following parts: a) Liner kit.01 set			
3	Overhauling work includes the cost of replacement of following parts: a) Liner kit.01 set b) Main and big end bearing.01 set			
3	<ul> <li>Overhauling work includes the cost of replacement of following parts:</li> <li>a) Liner kit.01 set</li> <li>b) Main and big end bearing.01 set</li> <li>c) Engine overhauling kit.01 set</li> </ul>			
3	Overhauling work includes the cost of replacement of following parts: a) Liner kit.01 set b) Main and big end bearing.01 set		-	
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 setg)Connecting rod bush set.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 setg)Connecting rod bush set.01 seth)Taped bush.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 setg)Connecting rod bush set.01 seth)Taped bush.01 seti)Valve catcher.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 setg)Connecting rod bush set.01 seth)Taped bush.01 set			
3	Overhauling work includes the cost of replacement of following parts:a)Liner kit.01 setb)Main and big end bearing.01 setc)Engine overhauling kit.01 setd)Valve inlet / exhaust set.01 sete)Valve guide set.01 setf)Cam bush set.01 setg)Connecting rod bush set.01 seth)Taped bush.01 seti)Valve catcher.01 setj)Oil pump assembly.01 set	01 Job	O/R	O/R
	<ul> <li>Overhauling work includes the cost of replacement of following parts: <ul> <li>a) Liner kit.01 set</li> <li>b) Main and big end bearing.01 set</li> <li>c) Engine overhauling kit.01 set</li> <li>d) Valve inlet / exhaust set.01 set</li> <li>e) Valve guide set.01 set</li> <li>f) Cam bush set.01 set</li> <li>g) Connecting rod bush set.01 set</li> <li>h) Taped bush.01 set</li> <li>i) Valve catcher.01 set</li> <li>j) Oil pump assembly.01 set</li> <li>k) Hose pipes / fan belts.01 set</li> </ul></li></ul>	01 Job	O/R	O/R
3	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:       Overhauling work includes the cost of replacement of following parts:	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Packing kit.01set         d)       P/F Spring with washer.01set	01 Job	O/R	O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set			
4	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set	01 Job	O/R O/R	O/R O/R
	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set			
4	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         f)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         f)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         c)       P/F N			
4	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set			
4	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         f)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         f)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         c)       P/F Injector Nozzle set.01Set         c)       P/F N			
4	Overhauling work includes the cost of replacement of following parts:         a)       Liner kit.01 set         b)       Main and big end bearing.01 set         c)       Engine overhauling kit.01 set         d)       Valve inlet / exhaust set.01 set         e)       Valve guide set.01 set         f)       Cam bush set.01 set         g)       Connecting rod bush set.01 set         h)       Taped bush.01 set         i)       Valve catcher.01 set         j)       Oil pump assembly.01 set         k)       Hose pipes / fan belts.01 set         FUEL INJECTION PUMP:         Overhauling work includes the cost of replacement of following parts:         a)       P/F Plunger set         b)       P/F Diesel plate.01No         c)       P/F Spring with washer.01set         e)       P/F Plunger Nozzle set.01set         f)       P/F Plunger Nozzle set.01set         f)       P/F Injector Nozzle set.01Set         CLUTCH SYSTEM:       Overhauling work include the cost of replacement of following parts:         a)       Riveting of Clutch plate 01Job			

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6	BRAKE SYSTEM:			
۲ <b>4</b> ۲	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's			
1.	b) Wheel oil seal.04 No's			
	c) Brake booster control valves.03 No's			
	d) Brake booster diaphragms.04Nos			
	e) Liner kit of compressor.01set	01 Job	O/R	O/R
7	ELECTRIC SYSTEMS:			
	P/F complete wiring kit work includes the cost of the replacement of			
	following Genuine/ Imported Accessories:			
	a) Repair of Self-assembly complete in all respect $= 01$ No			
	b) Repair of generator assembly complete in all respect = 01No	01 J <b>o</b> b	O/R	O/R

#### NOTE:

- 1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.
- 2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

	Item Based on Open Rate	
The Total Amount is Rs:	Rupees	
	For the complete job for all schedule of r	rates

I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed.

Contractor	's Signature
Address:	

Checked By:-

A.E.E

Sub-Engineer

EXECUTIVE ENGINEER (M&E) Jamshed Zone, DMC (East)

Work No: (04)

BIDDING	DA	TA	

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(a).	Name of Procuring AgencyJamshed Zone, DMC (East), Karachi
(b).	Brief Description of Works <b>REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST)</b> <u>VEHICLE # NISSAN DUMPER# 3254 &amp; ISUZU NPR DUMPER # 2686</u>
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
(d).	Estimated Cost: Open Rate
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding 5%)
(f).	Period of Bid Validity (days):90 Days
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)
(h).	Percentage, if any, to be deducted from bills :07.50% Income Tax
(i).	Deadline for Submission of Bids along with time : 12-12-2016 at 02:00 pm
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East), Karachi, Gol market block "B" SMCHS near Darwaishia Masjic Jamshed Zone, Karachi
	Time 02:30 pm Date 12-12-2016
(k).	Time for Completion from written order of commence: 45-Days
(I).	Bid Language: English
(m).	Currency of Bid and Payment: Pak Rupees
(n).	Liquidity damages:
(0).	Deposit Receipt No:
	Date:
	Amount:
	CONTRACTOR JAMSHED ZONE
	DMC(EAST)



DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI Main Building of DMC(East), near KDA Police Station, Block-14, University Road, Karachi

## **Tender Reference No: 04**

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE # NISSAN DUMPER# 3254 & ISUZU NPR DUMPER # 2686

Estimated Cost Rs:Open RateBid Security Rs:05% (Security Deposit )Tender Cost Rs:2000/=

### NOTE:

- 1. This Document contains 04-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST)

Issue To M/s: \_\_\_\_\_\_

P.O Order No: \_\_\_\_\_\_ Rs, \_\_\_\_\_ Dated \_\_\_\_\_

Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.

## BILL OF QUANTITIES

### DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI (Jamshed Zone)

P.C. Cost Rs:	9,97,400/-	Earnest Money Rs:
Time Limit	45-Days	Penalty per Day:
Validity Period:	90 Days	Tender Fee:

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5% quoted Rate <u>Rs: 2000/=</u> <u>Rs: 2000/=</u>

## Subject: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (East) VEHICLE # 11156, HINO COMPACTOR

S. NO	DESCRIPTION	Quantity	Rate	Amount
1	Dismantling the engine/gear box/fuel pump etc. opening and re-fitting the complete job after over hauling the engine.	01 Job	O/R	O/R
2	MACHINING /GRINDING WORKS:			
	a) Crank shaft grinding.			
	b) Cam bush fitting.			
	c) Connecting rod bush fitting.		1	
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.			1
	h) Valve seat cutting & facing.			
	i) Head facing.		1	
	j) Main Tikli fitting.			
	k) Crank shaft alignment.			
	<ul> <li>Chemical treatment Engine block and head Assembly.</li> </ul>	01 Job	O/R	O/R
3	ENGINE:	01 500	ΟĮΚ	- O/K
5	Overhauling work includes the cost of replacement of following parts:			
	a) Liner kit.01 set			
	b) Main and big end bearing.01 set			
	c) Engine overhauling kit.01 set			
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set			
	f) Cam bush set.01 set			
	g) Connecting rod bush set.01 set			
	h) Taped bush.01 set			
	i) Valve catcher.01 set			
	j) Oil pump assembly.01 set			
	k) Hose pipes / fan belts.01 set	01 Job	O/R	O/R
4	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following parts:			
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set			
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
5	CLUTCH SYSTEM:			
	Overhauling work include the cost of replacement of following parts:			
	a) Clutch plate 01Job			
	b) pressure plate 01Job			
	h) Clutch cylinder (upper & lower) kit.02 Kit			
	i) fry wheel turning polishing.01job	01 Job	O/R	O/R
6	BRAKE SYSTEM:	-		
	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's			
	b) Brake shoes.16 No's			
	c) Wheel oil seal.04 No's			
	d) Brake booster control valves.03 No's			
	e) Brake booster diaphragms.04Nos			
	f) Liner kit of compressor.01set		1	

7	ELECTRIC SYSTEMS:         P/F complete wiring kit work includes the cost of the replacement of following Genuine/ Imported Accessories:         a)       P/F Head light complete with housing.04 No's         b)       Back light assembly.02Nos			
	<ul> <li>c) P/F Parking light.02Nos</li> <li>d) P/F Indicator assembly.04Nos</li> <li>e) P/F Choke cable.02Nos</li> <li>f) P/F Side glasses with stand.01Nos</li> <li>g) P/F oil gauge.02Nos</li> </ul>			
8	h) Wipers' with motors P/F Self Assembly (Kaablee) complete in all respect	01 Job	O/R	O/R
9	P/F Self Assembly (Kaablee) complete in all respect	01 Job	O/R	O/R
10	P/F the Water Body complete in all respect	01 Job	O/R	O/R
11	P/F Batteries 100Amps 02 MF	01 Job	O/R	O/R
		01 Job	O/R	O/R
12	Providing / Fixing Hose pipe upper with clip.	01 Job	O/R	O/R
13	Providing / Fixing Hose pipe lower with clip.	01 Job		O/R
14	Providing / Fixing complete radiator assembly.			
15	Providing / Fixing P.T.O cable.	01 Job	O/R	O/R
<b>1</b> 6	Providing / Fixing lift hydraulic pipe (HP) duly fitted with nipple & connector.	01 Job	O/R	O/R
		01 Job	O/R	O/R
17	Control valve assembly repair.	01 Job	O/R	O/R
18	Repair of PTO pump (gear) by means of opening the pump replacing the oil seal, pump gear & full pump kit & than re-fitting the same as and when required.	01 Job	O/R	O/R
19	Driving shaft cross throwing / setting & fitting as and when required.	01 Job	O/R	O/R
20	Main shaft repairing.			
21	Providing / Fixing main shaft cross.	01 Job	O/R	O/R
22	Providing / Fixing driving shaft center rubber.	01 Job	O/R	O/R
23	Providing / Fixing driving shaft center rubber with bearing	01 Job	O/R	O/R
		01 Job	O/R	O/R
24	Tia Rod repairing complete.	01 Job	O/R	O/R
25 26	Steering pump repairing by means of replacing & unserviceable parts and component as required. Repairing of hydraulic jack by means of opening the jack replacing oil seal,	01 Job	O/R	O/R
	jack piston, chuck nut, new making and re-fitting the same as and when required.	01 Job	O/R	O/R
27	Providing / Fixing jack pin.	01 Job	O/R	O/R
28	Dismantling the diesel tank complete washing cleaning & re-fitting the same as and when required.	01 Job	O/R	0/R
29	Providing / Fixing diesel pipe.	01 Job	O/R	O/R
30	Providing / Fixing rear axle.	01 Job	O/R	O/R
31	Repair of differential gear by means of opening the differential tube replacing pinion, bearing, packing and broken/damaged gear and re-fitting the same as and when required.	01 Job	O/R	O/R
32	Brake Pipe repair.	01 Job		
33	Providing / Fixing Fan Belt		O/R	O/R
34	Providing / Fixing Main shaft nut bolt.	01 Job	O/R	O/R
35	Providing / Fixing wind screen assembly.	01 Job	O/R	O/R
		01 Job	O/R	O/R

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36	Providing / Fixing Fuel pump assembly.	01 Job	O/R	O/R
~ 7	Diffethe M.C.M. of Council for the and upon complete in all respect	001 000		
37	P/f the M.S Mud Guard front and rear complete in all respect.	01 Job	O/R	O/R
38	Repair of front spring leafs by means of opening repairing and refitting the same. The work i/c P/F broken spring leafs. Change of U-Clamp, center bolt leaf bush and tensioning the all leafs etc. as required as per required as per instruction of E/I	01 Job	0/R	O/R
39	Repair of rear spring leafs by means of opening repairing and refitting the same. The work i/c P/F all broken spring leafs. Change of U-Clamp, center bolt leaf bush and tensioning the all leafs etc. as required as per required as per instruction of E/I	01 Job	O/R	O/R
40	Denting the driver's cabin and coolly cabin dash board front show remaking seats, floor and roof, paidan, two sides, i/c doors of the cabin and Cargo body by means of remaking the damage portion by P/F new M.S plate of required size as mentioned above denting/shaping and grinding etc. complete as required.	01 Job	O/R	O/R
41	Painting of complete body with Doors by means of scraping the old paint and repainting the complete job spray painting 2 coats color i/c internal outer of body and polishing and finishing complete as required.	01 Job	O/R	 O/R
42	Opening the hydraulic pump and replacement of plunger and pin bushes, safety valve and complete seal replacement of hydraulic pipes and refitting same job i/c labor complete in all respect.	01 Job	O/R	O/R
43	P/F silencer complete in all respect	01 Job	O/R	O/R

### <u>NOTE:</u>

- 1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.
- 2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

#### Item Based on Open Rate

The Total Amount is Rs:	Rupees	
	For the complete job for all schedule of	of rates

I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed.

Contractor's Signature\_\_\_\_\_Address:

Checked By:-

A.E.E

Sub-Engineer

**EXECUTIVE ENGINEER (M&E)** Jamshed Zone, DMC (East)

**BIDDING DATA** 

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(a).	Name of Procuring AgencyJamshed Zone, DMC (East), Karachi	
(b).	Brief Description of Works <b>REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE D</b> VEHICLE ISUZU NPR DUMPER # 463 & ISUZU FTR DUMPER#	
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid. Jamshed Zone, Karachi	
( <b>d</b> ).	Estimated Cost: Open Rate	
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding <del>!</del>	5%)
(f).	Period of Bid Validity (days):90-Days	
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)	
(h).	Percentage, if any, to be deducted from bills :07.50% Income Tax	
(i).	Deadline for Submission of Bids along with time : 12-12-2016 at 02:00 pm	
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East), Karachi, Gol market block "B" SMCHS near Darwais Jamshed Zone, Karachi	shia Masjid.
	Time 02:30 pmDate 12-12-2016	
(k).	Time for Completion from written order of commence: 45-Days	
(1).	Bid Language: English	
(m).	Currency of Bid and Payment: Pak Rupees	
(n).	Liquidity damages:	
(O).	Deposit Receipt No:	
	Date:	
	Amount:	
	Executive Engineer (M&E)	
	CONTRACTOR JAMSHED ZONE DMC(EAST)	



## Tender Reference No: 05

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE ISUZU NPR DUMPER # 463 & ISUZU FTR DUMPER# 3601410

Estimated Cost Rs:Open RateBid Security Rs:05% (Security Deposit )Tender Cost Rs:2000/=

### NOTE:

- 1. This Document contains 04-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST) Issue To M/s: \_\_\_\_\_ P.O Order No: \_\_\_\_\_ Rs, \_\_\_\_\_ Dated \_\_\_\_\_ Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.

## BILL OF QUANTITIES

## **DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI** (Jamshed Zone)

P.C. Cost Rs:	998800/	Earnest Money Rs:	5% quoted Rate
Time Limit	<u>45-Days</u>	Penalty per Day:	<u></u>
Validity Period:	90 Days	Tender Fee:	<u> </u>

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Subject: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE ISUZU NPR DUMPER # 463 & ISUZU FTR DUMPER# 3601410\_

S. NO.	DESCRIPTION	Quantity	Rate	Amount
	ICLE # ISUZU NPR # 463	I	1	1
	<u>ICLE # 15020 NFR # 405</u>			
1	Dismantling the engine/gear box/fuel pump etc. opening and re-			
	fitting the complete job after over hauling the engine.	01 Job	O/R	O/R
2	MACHINING / GRINDING WORKS:			
	a) Crank shaft grinding.			
	b) Cam bush fitting.		1	
	c) Connecting rod bush fitting.	1	ĺ	
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.			
	h) Valve seat cutting & facing.			
	i) Head facing.			
	j) Main Tikli fitting.			
	k) Crank shaft alignment.			
	I) Chemical treatment Engine block and head Assembly.	01 Job	O/R	O/R
3	ENGINE:	•	i -/··	1. = / 1. <sup>2</sup>
	Overhauling work includes the cost of replacement of following			
	parts:	i		
	a) Liner kit.01 set	ļ		
	b) Main and big end bearing.01 set			
	c) Engine overhauling kit.01 set		1	
	d) Valve inlet / exhaust set.01 set	1	1	
	e) Valve guide set.01 set			
	f) Cam bush set.01 set		1	
	g) Connecting rod bush set.01 set			
	h) Taped bush.01 set			
	i) Valve catcher.01 set		1	ļ
	, ,			1
	j) Oil pump assembly.01 set	01 Job	O/R	0.0
1	k) Hose pipes / fan belts.01 set	01,00	0/к	O/R
1	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following			1
	parts:	1	1	
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set			!
	d) P/F Spring with washer.01set		l	1
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
			I.	
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5	BRAKE SYSTEM:			
	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's			
	b) Brake shoes.16 No's			
	c) Wheel oil seal.04 No's			
	d) Brake booster control valves.03 No's			
	e) Brake booster diaphragms.04Nos			
	f) Liner kit of compressor.01set			
	g) Wheel cylinder complete in all respect	01 job	O/R	O/R
6	ELECTRIC SYSTEMS:	UT JOD		
0	P/F complete wiring kit work includes the cost of the replacement of			
	following Genuine/ Imported Accessories:	Ì		
	a) P/F Head light complete with housing.04 No's			
	b) Back light assembly.02Nos			1
	c) P/F Parking light.02Nos	1	I.	ł.
	d) P/F Indicator assembly.04Nos	i		1
	e) P/F Choke cable.02Nos			
	f) P/F Side glasses with stand.01Nos			!
	g) P/F oil gauge.02Nos			
	h) Wipers' with motors	01 Job	O/R	O/R
7 -	Repair of Self Assembly complete in all respect.		-//	-,
·		01 Job	O/R	O/R
8	Repair of Generator Assembly complete in all respect.			
_		01 Job	O/R	0/R
9	Providing / Fixing Hose pipe upper with clip.			
		01 Job	0/R	0/R
10	Providing / Fixing Hose pipe lower with clip.			
		01 Job	O/R	O/R
11	Providing / Fixing Fan Belt			
		01 Job	O/R	O/R
12	P/f the M.S Mud Guard front and rear complete in all respect.			
		01 Job	O/R	O/R
13	Denting the driver's cabin and coolly cabin dash board front show			
	remaking seats, floor and roof, paidan, two sides, i/c doors of the			
	cabin and Cargo body by means of remaking the damage portion by			
	P/F new M.S plate of required size as mentioned above	04.3.1	0.10	0/0
	denting/shaping and grinding etc. complete as required.	01 Job	O/R	O/R
14	Painting of complete body with Doors by means of scraping the old	1		
	paint and repainting the complete job spray painting 2 coats color			
	i/c internal outer of body and polishing and finishing complete as	0	0.15	0.15
	required.	01 Job	O/R	O/R
<u> IŞU</u>	<u>ZU FTR # 3601410</u>			
		T		
1	Dismantling the engine/gear box/fuel pump etc opening and re-	04 3-5	0/0	
	fitting the complete job after over hauling the engine.	01 Job	O/R	O/R
2	MACHINING / GRINDING WORKS:			
	a) Crank shaft grinding.			
	b) Cam bush fitting.			1
	c) Connecting rod bush fitting.			
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			
	f) Head Tikli fitting.			
	g) Main & Big end bearing fitting.			
	h) Valve seat cutting & facing.	1		
	i) Head facing.		1	
	j) Main Tikli fitting.			
	k) Crank shaft alignment.	01 100		
	<ol> <li>Chemical treatment Engine block and head Assembly.</li> </ol>	01 Job	O/R	O/R

3	ENGINE:			
	Overhauling work includes the cost of replacement of following parts:			i l
	a) Liner kit.01 set			
	b) Main and big end bearing.01 set			
	c) Engine overhauling kit.01 set			
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set			
	f) Cam bush set.01 set			
	g) Connecting rod bush set.01 set			
	h) Taped bush.01 set	-		
	i) Valve catcher.01 set	1	i	
	j) Oil pump assembly.01 set		1	
	k) Hose pipes / fan belts.01 set	01 Job	0/R	O/R
4	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following parts:			
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set	1		
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set			
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
5	CLUTCH SYSTEM:	1		
	Overhauling work include the cost of replacement of following parts:			
	a) Clutch plate 01Job			
	b) pressure plate 01Job			
	c) Clutch cylinder (upper & lower) kit.02 Kit	01 Job	O/R	O/R
5	BRAKE SYSTEM:			
	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 Nos	•		
	b) Brake shoes.16 Nos			
	c) Wheel oil seal.04 Nos			
	d) Brake booster control valves.03 Nos			
	<ul><li>e) Brake booster diaphragms.04Nos</li><li>f) Liner kit of compressor.01set</li></ul>	01 Job	O/R	O/R
7	ELECTRIC SYSTEMS:	01 500	- <u>+-</u> ,	
/	P/F complete wiring kit work includes the cost of the replacement of	i F		
	following Genuine/ Imported Accessories:			
	a) P/F Head light complete with housing.04 No's			
	b) Back light assembly.02Nos			
	c) P/F Parking light.02Nos			
	d) P/F Indicator assembly.04Nos	1		
	e) P/F Choke cable.02Nos			0.0
	f) P/F Side glasses with stand.01Nos	01 Job	O/R	O/R
8	Repair of Self Assembly complete in all respect.	04.3		
		01 Job	O/R	0/R
9	Repair of Generator Assembly complete in all respect.	01.3-1		
	Providing / Fixing Hose pipe upper with clip.	01 Job	O/R	O/R
	E Providing / Eixing Hose pine Linner with Clin		0.0	
10	Providing / fixing hose pipe apper with dip.	01 104		0/R
		01 Job	0/R	
	Providing / Fixing Hose pipe lower with clip.	+		
11	Providing / Fixing Hose pipe lower with clip.	01 Job 01 Job	0/R 0/R	O/R
11	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom,	+		
11	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the	01 Job	O/R	O/R
11	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.	+		
11	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the	01 Job	O/R O/R	O/R O/R
11 12 17	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required. Providing / Fixing diesel pipe.	01 Job 01 Job	O/R	O/R
11 12 17	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.	01 Job 01 Job	O/R O/R	O/R O/R
11 12 17 18	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required. Providing / Fixing diesel pipe.	01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R	O/R O/R O/R O/R
11 12 17 18	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required. Providing / Fixing diesel pipe. Brake Pipe repair.	01 Job 01 Job 01 Job	0/R 0/R 0/R	0/R 0/R 0/R
10 11 12 17 18 19 21	Providing / Fixing Hose pipe lower with clip. Complete Radiator servicing by removing the top & bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required. Providing / Fixing diesel pipe. Brake Pipe repair.	01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R 0/R	O/R O/R O/R O/R O/R
11 12 17 18 19 21	<ul> <li>Providing / Fixing Hose pipe lower with clip.</li> <li>Complete Radiator servicing by removing the top &amp; bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.</li> <li>Providing / Fixing diesel pipe.</li> <li>Brake Pipe repair.</li> <li>Providing / Fixing Fan Belt</li> <li>Providing / Fixing wind screen assembly.</li> </ul>	01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R	O/R O/R O/R O/R
11 12 17 18 19	<ul> <li>Providing / Fixing Hose pipe lower with clip.</li> <li>Complete Radiator servicing by removing the top &amp; bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.</li> <li>Providing / Fixing diesel pipe.</li> <li>Brake Pipe repair.</li> <li>Providing / Fixing Fan Belt</li> </ul>	01 Job 01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R 0/R	O/R O/R O/R O/R O/R O/R
11 12 17 18 19 21	<ul> <li>Providing / Fixing Hose pipe lower with clip.</li> <li>Complete Radiator servicing by removing the top &amp; bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.</li> <li>Providing / Fixing diesel pipe.</li> <li>Brake Pipe repair.</li> <li>Providing / Fixing Fan Belt</li> <li>Providing / Fixing wind screen assembly.</li> <li>P/f the M.S Mud Guard front and rear complete in all respect.</li> </ul>	01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R 0/R	0/R 0/R 0/R 0/R 0/R
11 12 17 18 19 21	<ul> <li>Providing / Fixing Hose pipe lower with clip.</li> <li>Complete Radiator servicing by removing the top &amp; bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.</li> <li>Providing / Fixing diesel pipe.</li> <li>Brake Pipe repair.</li> <li>Providing / Fixing Fan Belt</li> <li>Providing / Fixing wind screen assembly.</li> <li>P/f the M.S Mud Guard front and rear complete in all respect.</li> <li>Repair of front spring leafs by means of opening repairing and</li> </ul>	01 Job 01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R 0/R	O/R O/R O/R O/R O/R O/R
111 12 17 18 19 21 23	<ul> <li>Providing / Fixing Hose pipe lower with clip.</li> <li>Complete Radiator servicing by removing the top &amp; bottom, cleaning, cleaning the core by chemical treatment fitting solding the same bottom as required.</li> <li>Providing / Fixing diesel pipe.</li> <li>Brake Pipe repair.</li> <li>Providing / Fixing Fan Belt</li> <li>Providing / Fixing wind screen assembly.</li> <li>P/f the M.S Mud Guard front and rear complete in all respect.</li> </ul>	01 Job 01 Job 01 Job 01 Job 01 Job 01 Job	0/R 0/R 0/R 0/R 0/R	O/R O/R O/R O/R O/R O/R

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( )	25	Repair of rear spring leafs by means of opening repairing and refitting the same. The work i/c P/F all broken spring leafs. Change of U-Clamp, center bolt leaf bush and tensioning the all leafs etc. as required as per required as per instruction of E/I			
	26	Denting the driver's cabin and coolly cabin dash board front show remaking seats, floor and roof, paidan, two sides, i/c doors of the	01 Job	O/R	<u>O/R</u>
	27	cabin and Cargo body by means of remaking the damage portion by P/F new M.S plate of required size as mentioned above denting/shaping and grinding etc. complete as required. Painting of complete body with Doors by means of scraping the old paint and repainting the complete job spray painting 2 coats color i/c internal outer of body and polishing and finishing complete as	01 Job	O/R	O/R
		required.	01 Job	O/R	O/R

#### NOTE:

- 1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.
- 2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

	Item Based on Open Rate	
ic Rc'	Runees	

The Total Amount is Rs:	Rupees
	For the complete job for all schedule of rates

I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed.

Contractor	's Signature
Address:	

Checked By:-

<u>A.E.E</u>

Sub-Engineer

EXECUTIVE ENGINEER (M&E) Jamshed Zone, DMC (East)

<u>Work No: (06)</u>

	A I A
BIDDING D	AIA

(a).	Name of Procuring Agency Jamshed Zone, DMC (East), Karachi
(b).	Brief Description of Works REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE LOADER CLG-835 LING LONG LOADER & HINO FF DUMPER# 11397
(C).	Procuring Agency's address: Gol market block "B" SMCHS near Darwaishia Masjid, Jamshed Zone, Karachi
(d).	Estimated Cost: Open Rate
(e).	Amount of Bid Security: <u>5% of Quoted Rate</u> (Fill in lump sum amount or in %age of bid amount/estimated cost, but not exceeding 5%)
(f).	Period of Bid Validity (days):90 Days
(g).	Security Deposit:-(i/c bid security): <u>10% i/c Bid Security</u> (in %age of bid amount / estimated cost equal to 10%)
( <b>h</b> ).	Percentage, if any, to be deducted from bills :07.50% Income Tax
(i).	Deadline for Submission of Bids along with time : 12-12-2016 at 02:00 pm
(j).	Venue, Time and Date of Bid Opening: Committee Room DMC (East), Karachi, Gol market block "B" SMCHS near Darwaishia Masjid Jamshed Zone, Karachi
	Time 02:30 pm Date 12-12-2016
(k).	Time for Completion from written order of commence: 45-Days
(I).	Bid Language: English
(m).	Currency of Bid and Payment: Pak Rupees
(n).	Liquidity damages:
(0).	Deposit Receipt No:
	Date:
	Amount:
	CONTRACTOR JAMSHED ZONE DMC(EAST)



DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI Main Building of DMC(East), near KDA Police Station, Block-14, University Road, Karachi

## **Tender Reference No: 06**

### VOLUME-II: BILL OF QUANTITIES (SINGLE STAGE ONE ENVELOPE METHOD)

#### NAME OF PROJECT: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE LOADER CLG-835 LING LONG LOADER & HINO FF DUMPER# 11397

Estimated Cost Rs:Open RateBid Security Rs:05% (Security Deposit )Tender Cost Rs:2000/=

### NOTE:

- 1. This Document contains 03-Page excluding this page.
- 2. The Standard Terms & Conditions of Bidding Documents (Volume-I) are available in the Office &Website of SPPRA, Karachi.

EXECUTIVE ENGINEER (M&E) JAMSHED ZONE, DMC(EAST)

Issue To M/s: \_\_\_\_\_\_

P.O Order No: \_\_\_\_\_ Rs, \_\_\_\_ Dated\_\_\_\_\_

Bank: \_\_\_\_\_

Signature and Stamp of Issuing Authority.





### DISTRICTMUNICIPAL CORPORATION (EAST), KARACHI (Jamshed Zone)

P.C. Cost Rs:	9,97,000/
Time Limit	<u>45-Days</u>
Validity Period:	90 Days

-

 Earnest Money Rs:
 5% quoted Rate

 Penalty per Day:
 Rs: 2000/=

 Tender Fee:
 Rs: 2000/=

Subject: REPAIRING OF SANITATION VEHICLES IN JAMSHED ZONE DMC (EAST) VEHICLE LOADER CLG-835 LING LONG LOADER & HINO FF DUMPER# 11397

s. No	DESCRIPTION	Quantity	Rate	Amount
	LOADER CLG-835			
1	Dismantling and opening / fitting the engine		ı ——	
1	radiator assy. Gear Box, Diesel Pump etc. and re-fitting the engine		i	
i	required parts after the mechanic work i/c re-fitting the gear box etc., and			
l	star, setting the engine complete as required.	01 Job	O/R	O/R
2	MACHINING /GRINDING WORKS:			
l	a) Crank shaft grinding.			
1	b) Cam bush fitting.			1
	c) Connecting rod bush fitting.			1
1	d) Cylinder boring / sleeve removing.			
1	e) Sleeve fitting.			
1	f) Head Tikli fitting.			
1	g) Main & Big end bearing fitting.			
1	h) Valve seat cutting & facing.			1
ļ	i) Head facing.			
1	j) Main Tikli fitting.			
ľ	k) Crank shaft alignment.			
	<ol> <li>Chemical treatment Engine block and head Assembly.</li> </ol>	01 Job	O/R	0/R
3	ENGINE:			
	Engine overhauling work to be completed with repairing replacing of			
]	following engine parts and component as and when required.			
l	a. P/F Liner Kit (Piston, Sleeve, Ring)	1	: 1	: 1
	b. P/F Connecting Rod bushes.			
	c. P/F Main & begin pieces.			
	d. P/f valve Guide.			
	e. P/F Thrust Collar.	-		
Ì	f. P/F Cam Bush.			1
	g. P/F all other required bushes and bearing as required.			
	h. P/F full packing kit with gas kit.			
	i. P/F Main Oil seal.			İ
	j. P/F Timing Oil seal.		- ( <b>D</b>	
	k. P/F Valve.	01 Job	<u>0/R</u>	O/R
4	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following parts:			
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set	-		i
	d) P/F Spring with washer.01set			l
ŀ	e) P/F Plunger Nozzle set.01set	01 Job	O/R	O/R
	f) P/F Injector Nozzle set.01Set	01 00	U/N	
		l	i .	1

5	CLUTCH SYSTEM:	- ·	T	-
-	Overhauling work include the cost of replacement of following parts:			
	a) Clutch plate 01Job			
	pressure plate kit.01Job			
				I
	b) Clutch cylinder (upper & lower) kit.02 Kit	01.1-6		
	c) fry wheel turning polishing.01job	01 Job	O/R	0/
6	BRAKE SYSTEM:			
	R/M brake of dismantling the brake booster assembly replacing / repairing			
	/ servicing the following parts.			T
	a. Power piston kit 01 Kit.	1	1	i
	b. O' ring kit 03 Kit.		i.	i
	c. Seal kit. 01 Kit.	1		
	d. Ring snap kit. 01 No.			1
	e. Valve. 01 No.			
	f. Connector. 01 No.			ł
			1	1
				I
	h. Plate kit. 01 Kit.	Od Jah	0/0	
~	Packing Kit. 01 Kit	01 Job	O/R	0/
6а	Dismantling the master cylinder assembly & replacing / replacing /			
	repairing / servicing the following parts.	1		1
	a. Piston kit. 01 Kit.			1
	b. Packing Kit. 01 Kit.			İ
	c. Stopper. 01 No.	I	1	1
	d. Ring snap kit. 01 Kit.	ł.		
	e. O' Ring kit. 01 Kit.			
	f. Coupling bolt. 04 Nos.			1
	g. Washer. 04 Nos.			ļ
	h. Connector 01 Nos.			
	Re-assembling the both assemblies and re-fitting the same as required			
	and also replacing the brake piping and accessories as required.	01 Job	O/R	0/
7	ELECTRIC SYSTEMS:	01 302		
/	Complete new wiring work to be completed with the following			1
	pecification.			
	a. P/F completes new wiring on standards medium of heavy			
	vehicles specification as per instruction of Engineer Incharges	1		1
	b. P/F Ignition switch.		Í	
	c. P/F light control switches.			
	d. P/F relay & cutouts.			
	e. P/F L.T wires, wiring tape.	1		
	P/F fuse box complete with fuses	01 Job	O/R	0/
8	Repair of self by means of opening the self-replacing starter, armature,			
	carbon, armature bushes, bearing bushes solding and refitting			
	the same as and when required.	01 Job	O/R	0/1
9	Repair of Generator by means of opening the generator replacing starter		+	+ / .
2		1		1
	rectifier armature carbon armature bushes, bearing bushes soldiering and	01 104	0/0	
	refitting the same as and when required.	01 Job	O/R	] O/I
10	Steering Pump repairing by means of replacing and unserviceable parts	0.1 - 1	0.15	
	and component as required.	01 Job	O/R	O/f
11	Complete Radiator servicing by removing the top & bottom, cleaning,			
	cleaning the core by chemical treatment fitting solding the same bottom			I.
	as required	01 Job	O/R	O/F
HTN	O FF # 11397			
1	Dismantling and opening / fitting the engine			ì
	radiator assy. Gear Box, Diesel Pump etc. and re-fitting the engine			
	required parts after the mechanic work i/c re-fitting the gear box etc., and			
	star, setting the engine complete as required.	01 Job	O/R	O/F
רי ר			$+ = 2/\Sigma$	0/1
2	MACHINING /GRINDING WORKS:			
	a) Crank shaft grinding.			•
	b) Cam bush fitting.		ł	
	c) Connecting rod bush fitting.	Ĺ	1	
	d) Cylinder boring / sleeve removing.			
	e) Sleeve fitting.			I
	f) Head Tikli fitting.			1
	g) Main & Big end bearing fitting.			j.
	h) Valve seat cutting & facing.		1	1
	i) Head facing.			
	j) Main Tikli fitting.			ł
		1		1
			1	
	k) Crank shaft alignment. I) Chemical treatment Engine block and head Assembly.	01 Job	O/R	0/1

3	ENGINE:			
	Overhauling work includes the cost of replacement of following parts:			
	a) Liner kit.01 set			
	<li>b) Main and big end bearing.01 set</li>			
	c) Engine overhauling kit.01 set			
	d) Valve inlet / exhaust set.01 set			
	e) Valve guide set.01 set			
	f) Cam bush set.01 set			
	g) Connecting rod bush set.01 set			
	h) Taped bush.01 set			
	i) Valve catcher.01 set			[
	j) Oil pump assembly.01 set			
	k) Hose pipes / fan belts.01 set	01 Job	O/R	O/R
4	FUEL INJECTION PUMP:			
	Overhauling work includes the cost of replacement of following parts:			
	a) P/F Plunger set			
	b) P/F Diesel plate.01No			
	c) P/F Packing kit.01set		1	1
	d) P/F Spring with washer.01set			
	e) P/F Plunger Nozzle set.01set		1	
	f) P/F Injector Nozzle set.01Set	01 Job	O/R	O/R
5	CLUTCH SYSTEM:			
5	Overhauling work include the cost of replacement of following parts:			
	a) Riveting of Clutch plate 01Job			
	b) Pressure plate kit.01Job			
	c) Clutch cylinder (upper & lower) kit.02 Kit			
	d) fry wheel turning polishing.01 job	01 Job	O/R	O/R
6	BRAKE SYSTEM:		'	
•	Overhauling work include the cost of replacement of following parts:			
	a) Brake washers.12 No's			
	b) Wheel oil seal.04 No's		1	
	c) Brake booster control valves.03 No's			
	d) Brake booster diaphragms.04Nos		ł	
	e) Liner kit of compressor.01set	01 Job	O/R	O/R
7	ELECTRIC SYSTEMS:		·	
·	P/F complete wiring kit work includes the cost of the replacement of			
	following Genuine/ Imported Accessories:			
	a) P/F Head light complete with housing.04 No's		l.	
	b) Back light assembly.02Nos			
	c) P/F Parking light.02Nos			
	d) P/F Choke cable.02Nos			
	e) P/F Side glasses with stand.01No's			1
	f) P/F Alternator 85A -24Volt= 01 No.			
	<ul> <li>g) P/F/Repair of Self-assembly complete with solenoid switch =</li> </ul>			- I
	01No			
	a) Repair of generator assembly complete in all respect = 01No	01 Job	O/R	0/R

NOTE:

1. Rate must be quoted "IN FIGURE & IN WORD" both otherwise liable to be cancelled.

2. Over Writing & Correction if any, must be initialed and stamped by the Bidder.

#### Item Based on Open Rate

### The Total Amount is Rs: \_\_\_\_ \_\_\_\_\_ Rupees For the complete job for all schedule of rates > I/We read the Standard Bidding Documents (Volume-1) and amendment-2013 available in the Office and Website of DMC (East) and agree to abide all of them and also provide all these Documents with our signature as and when directed. Contractor's Signature\_\_\_\_\_ Address: Checked By:-

Sub-Engineer

EXECUTIVE ENGINEER (M&E) Jamshed Zone, DMC (East)

# S DING DOCUMENT

# **PROCUREMENT OF WORKS**

(For Contracts Costing up to Rs 2.5 MILLION)

Standard Bidding Document is intended as a model for admeasurements (Percentage Rate/unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.

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# Instructions to Bidders/ Procuring Agencies.

# General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

**3.** Fixed Price Contracts: The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. Conditional Offer: Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

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allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.

7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

**9.**Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

10. Bid without bid security of required amount and prescribed form shall be rejected.

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

- (A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B) In case of item rates, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

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# **BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency\_\_\_\_\_ (b). Brief Description of Works \_\_\_\_\_ (c).Procuring Agency's address:-\_\_\_\_\_ (d). Estimated Cost:-\_\_\_\_\_ (e). Amount of Bid Security:-\_\_\_\_\_(Fill in lump sum amount or in % age of bid amount /estimated cost, but not exceeding 5%) (f).Period of Bid Validity (days):- \_\_\_\_\_ (Not more than sixty days). (g).SecurityDeposit:-(includingbidsecurity):-\_\_\_\_\_ (in % age of bid amount /estimated cost equal to 10%) (h). Percentage, if any, to be deducted from bills :-\_\_\_\_\_ (i). Deadline for Submission of Bids along with time :-(j). Venue, Time, and Date of Bid Opening:-(k). Time for Completion from written order of commence: -(L).Liquidity damages:- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%). (m). Deposit Receipt No: Date: Amount: (in words and figures)

(Executive Engineer/Authority issuing bidding document)

# **Conditions of Contract**

**Clause – 1:Commencement & Completion Dates of work.** The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2:Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

## Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-
  - (i) contractor causes a breach of any clause of the Contract;
  - (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
  - (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
  - (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
  - (i) to forfeit the security deposit available except conditions mentioned at A
     (iii) and (iv) above;
  - (ii) to finalize the work by measuring the work done by the contractor.

- (C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-
  - (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
  - (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

**Clause 4:** Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

**Clause –5: Extension of Intended Completion Date.** The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

**Clause -6: Specifications.** The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

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# Clause – 7: Payments.

(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

**Clause – 8: Reduced Rates.** In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

# Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the

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work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.

- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be xceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

# Clause-10: Quality Control.

- (A) Identifying Defects: If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-incharge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) Correction of Defects: The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

# (C) Uncorrected Defects:

(i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

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(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

# Clause – 11:

- (A) Inspection of Operations. The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.
- (B) Dates for Inspection and Testing. The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

# Clause - 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- (B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

**Clause – 13: Risks.** The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

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**Clause-14:** Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

**Clause-15:Sub-contracting**. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

**Clause – 16: Disputes.** All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

**Clause** -17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer incharge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

# Clause –18: Financial Assistance /Advance Payment.

# (A) Mobilization advance is not allowed.

## (B) Secured Advance against materials brought at site.

- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

**Divisional Accountant** 

gineer/Procuring Agency Executive

Contractor



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## **BILL OF QUANTITIES**

#### (A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (a)

----- % above/below on the rates of CSR.

Amount to be added/deducted on the basis Of premium quoted.

TOTAL (b)

Total (A) = a+b in words & figures:

Executive Engineer/Procuring Agency

Contractor

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(B) Description and rate of Items base	d on Market (Offered rates)
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Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
				,,,,,,,	
<u></u>					

Total (B) in words & figures: Executive Engineer/Procuring Agency m)

Contractor

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# Summary of Bill of Quantities.

Cost of Bid

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Amount

1. (A) Cost based on Composite Schedule of Rates.

2. (B) Cost based on Non/Offered Schedule of Rates.

TOTAL COST OF BID (C) = Total (A) + Total (B)

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Contractor

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DISTRICT MUNICIPAL CORPORATION (EAST), KARACHI

Main Building of DMC (East) near KDA Police Station, Block-14, University Road, Karachi

Tele No. 99230355-9

Fax No.99230871

No: MC/DMC/East/ 1944 /2016

Karachi dated: 16-11-9014

# <u>NOTIFICATION</u>

The competent authority of District Municipal Corporation (East) has been constitute a complaint redressal committee in pursuance of Rule-31 of SPPRA Rules 2010 (amended 2013) with appropriate powers and authorization to address the complaints of aggrieved bidders that may occur during the procurement proceedings and a comprehensive complaint redressal mechanism for smooth and efficient procurement in District Municipal Corporation (East). The CRC comprising of the following Officers:

# The Complaint Redressal Committee is as under: -

1- Municipal Commissioner, District Municipal Corporation (East). Chairman

2- District Accounts Officer, District Municipal Corporation (East)

3- Any Independent Professional from the relevant field to be nominated by the Head of Procuring Agency.

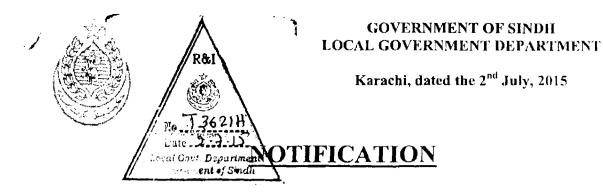
Member

Member

MUNICIPAL COMMISSIONER, D.M.C. (EAST)

Copy for information & necessary action please.

- 1). Managing Director, Sindh Public Procurement Regulatory Authority. Govt. of Sindh
- 2). Chairman, District Municipal Corporation (East).
- 3). Superintending Engineer, District Municipal Corporation (East).
- A District Accounts Officer, District Municipal Corporation (East).
- 5) Assistant Accounts Officer, SE Office for Procurements of Jamshed Zone, D.M.C. (East)
- 6) Senior Accountant SE Office for Procurement of Gulshan Zone D.M C (East)
- 7). Office Copy.



# No.SO-V(LG)/39-15/2015:- With the approval of Competent Authority, post facto sanction is hereby accorded to the constitution a Procurement Committee consisting on following in accordance with Rule-7 of SPPRA Rule 2010, for undertaking all the Works in the areas of District Municipal Corporation (East) Karachi: -

- 1. Superintending Engineer, D.M.C (East), Karachi.
- 2. Executive Engineer, D.M.C. (West) Karachi Member
- 3. Directors / Executive Engineer (Concerned), D.M.C (East) Member

The functions and responsibilities of procurement committee shall be as under: - (Section-8 of SPPRA Rule 2010):-

- i) Preparing bidding documents.
- ii) Carrying out technical as well as financial evaluation of the bids.
- iii) Preparing evaluation report as provided in Rule 45.
- iv) Making recommendations for the award of contract to the competent authority, and
- v) Perform any other function ancillary and incidental to the above.

#### SECRETARY TO GOVT: OF SINDH

#### No.SO-V(LG)/39-15/2015,

Karachi, dated the 2<sup>nd</sup> July, 2015.

A copy is forwarded for information and necessary action to: -

- i) The Director, Sindh Public Procurement Regulatory Authority, Karachi
- ii) The Administrator / Municipal Commissioner, D M C (east), Karachi.
- iii) The Director, Local Fund Audit, Karachi.
- iv) The Executive Engineer D.M.C (East) Karachi.
- v) P.S. to Secretary Local Government Department, Government of Sindh, Karachi.
- vi) Office order file.

SECTION ORF

Chairman

#### ELIGIBILITY CRITERIA

This invitation for Bid is open to all interested Bidders who are eligible under Provision of Sindh Public procurement Rules as mentioned below and the Criteria given in the Notice inviting Tenders (NIT)/Bidding Documents containing the following Eligibility Criteria:-

- i) Registration with Pakistan Engineering Council in relevant Category. (N.A)
- ii) For Electric Work (Electric License) should be Provide. (If applicable)

#### MINIMUM QUALIFICATION CRITERIA

- Registration with relevant Tax authorities (income/sale tax) & other Tax authorities (where applicable )
- > Registered With Sindh Revenue Board
- Financial statement of last 3 years;
- $\succ$  Turnover and experience at least 3 years in the relevant field. (at least 2.Nos project )
- A Firm is not Black listed/Debarred by any Procuring Agency otherwise the D.M.C (East) will dis-qualified the Firm subject to Rule-30 of Sindh Public Procurement Rules-2010.
- Any other factor deemed to be relevant by the D.M.C. (East)Subject to the Provision of Rule-44
- Each bid shall comprise One Single Envelop containing the financial proposal and required information as mentioned in Bidding documents.
- All the received bid shall be opened and evaluated in the minor prescribed in the Notice inviting Tenders or Bidding documents.

#### **EVALUATION CRITERIA**

#### Bid opening, Clarification and Evaluation

The Procuring Agency will open the bids, in the presence of Bidders' representatives who choose to attend, at the time, date and in the Place specified in the Bidding Data.

The Bidder's Name, Bid prices, any discount, the presence or absence of bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the Bid opening. The Procuring agency will record the Minutes of the Bid opening. Representatives of the Bidders who choose to attend shall Sign the Attendance sheet.

Any bid price or discount which is not read out and recorded at Bid opening will not be taken into Account in the Evaluation of Bid.

To assist in the Examination, Evaluation and comparison of bids the Engineering/Procuring Agency may, at its discretion, asked the Bidder for a clarification of its bid. The required for clarification and the response shall be in writing and no change in the Price or Substance of the Bid shall be sought, offered or permitted (SPP Rule43).

(a) Prior to the detailed evaluation, the Engineer/Procuring Agency will determine the substantial responsiveness of each Bid to the bidding documents. For purpose of these instructions, a substantially responsive bid is one which confirms to all the terms and conditions of the bidding documents without material documents. It is include termining the requirements listed in the Bidding data.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in the words shall prevail. If there is a discrepancy between the total bid price entered in the form of bid and the total shown in the schedule of prices-Summary, the amount stated in the form of bid will be corrected by the Procuring Agency in accordance with the corrected Schedule of Prices.

If the Bidders does not accept the corrected amount of bid, his bid will be rejected and his Bid security forfeited.

A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the Bidder by correction of the non-conformity.

Any minor in formality or non-conformity or irregularity in the Bid which does not constitute a material deviation (**Major deviation**) may be waived by Procuring Agency, provided such waiver does not prejudice or affect the relative ranking of any other bidders.

#### (A). Major (material) Deviations include:-

- (i) has been not properly signed;
- (ii) is not accompanied by the bid Security of required amount and manner;
- (iii) Stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specification;
- (v) failing to comply with Mile-stones/critical dates provided in the bidding documents:
- vi) Sub-Contracting contrary to the conditions of Contractor specified in bidding documents.
- vii) Refusing to bare important responsibilities and liabilities allocated in the bidding documents, such as Performance Gurantees and insurance coverage;
- viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- ix) a material deviation or reservation is one:
  - (a) Which affect in any substantial way the scope, quality or performance of the works?
  - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

#### (B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive as per requirements given hereunder. Bids will be evaluated for compete scope of works. The prices will be compared on the basis of the Evaluated Bid Price herein below.

**Technical Evaluation:** It will be examined in detail where the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

#### **Evaluated Bid Price**

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

(i) Making any correction for arithmetic errors hereof.

- (ii) Discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) Excluding provisional sums and the provisions for contingencies in the Bill of Quantities if any, but including Day work, where priced competitively.

#### Financial Evaluation and Comparison of Bids

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The D.M.C (East) will evaluate and compare only the bids determined to be substantially responsive in accordance with the Rules.

If the bid of the successful bidders is seriously unbalanced in relation to the D.M.C. (East) Estimate of the cost of work to be performed under the Contract, the D.M.C.(East) may require the bidder to produce detailed price analysis for any or all Items of the Bill of quantities to demonistrate the Internal consistency of those prices with the Construction methods and Schedule proposed.

Executive Engineer (M&E) Jamshed Zone, DMC (East)

#### ARNUAL PROCUREMENT PLAN OF DEVELOPMENT & NON-DEVELOPMENT JAMSHED ZONE D.M.C. (EAST) FISCAL YEAR 2016-2017

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St. No	Description of Goods, Work and services to be procured	Quantity	Method & Procedure of Procurement	Anticipated date of Advertismnet (where applicable)	Anticipated date of completion of Procurement	Allocated funds	Estimated cost of items	Remarks
1. a).	Development <u>M&amp;E Department</u> Develp Repair of Minor / Major Faults of Sanitation Vehicles & officers vehicles i.e spare parts in JZ Repair of containers of JZ Purchase tyre battery, Filter & Other accessories.	N.A	Open Competitive Bidding _ Single Stage Single Envelop	Case to case basis and after obtaining of Administrative approval from Chairman, DMC (East) in the year 2016-2017	Case to case basis	34.00 Million		All Procurements will be made as per SPPRA Rules-2010 (Amended 2013)
1)	Repub – Maintenance of Sanitation Vehicles having Miller Works in Jamshed Zone, DMC (Fast)	do	do	do	do	do	Open rate	do
2)	Repute Maintenance of Londers and Bobeats Jamshed Zone, DMC (Fast)	do	do	do	do	do	Open rate	do <del></del>
3)	Repair – Maintenance (a) B&R. Park & M&F Department vehicles iffilianished Zone, DMC (Fast)	do	do	<b>do</b>	do	do	Open rate	do
4)	Napply of Faters for Sanitation, B&R, Park, & M&F Department vehicles at Jamshed Zone, DMC (Fast)	do	do	do	do	do	Open rate	do
								×

♥ NC	Description of Goods. Work and services to be procured	Quantity	Mithoc & Procedure of Procurement	Anticipated date of Advertismnet (where applicable)	Anticipated date of completion of Procurement	Allocated funds	Estimated cost of items	Remarks
5).	Repair of Santon an Venicles in Jamshed Zone DMCF an Uenice No. 159480 & 1206	do	do	· do	do	do	$\left( \left( \left( \left( \left( x, x_{1}^{\prime} \right)^{2} \left( \left( \left( \left( \left( \left( x, x_{1}^{\prime} \right)^{2} \right)^{2} \left( \left( \left( \left( \left( \left( \left( \left( \left( \left( \left( \left( \left( $	do
<u>6)</u>	Repairing OF Similation Vehicles in Jamshed Zone DMC(Ellot) Vehicle # Nissan # 3254 x Isila, NPR # 2686	do	do	do	do	d o	0.9954 Metan	do—
7)	Repairing Of Sanitation Vehicles In Jamshed Zone 19 MC (Fast , Vel: 45 # Tsuza NPR 468, Hino 4045 & Nissan # 3248	do	do	do	do	do	0.02M0-Million	do
8)	Repairing Of Savitation Vehicles In Jamshed Zone DMC (Fasti Vehicle # Hino # 11156	do	do	do	do	do	0.0074-Million	do
9)	Repairing Of Sanitation Vehicles In Jamshed Zone DMC (1 ast)Vehicle # Isuzu NPR # 463 & Isuzu FTR # 3601410	do	do	do	do	d o	0.9988-Million	do
10)	Repairing Of Sanitation Vehicles In Jamshed Zone DMC (Fusta Vehicle # Loader CLG-835 & Hino FF # 11397	do	-do	do	do	d o	0.9970-Million	do
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Executive Engineer {M&E} Jamshed Zone DMC East