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SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery required.

Number	Description	Quantity	Delivery schedule shipment in weeks/months from Date of Contract Award
MACHINERY PACKAGE - 1			
1	Lathe Machines	5 Nos	60 Days
2	Shaper Machines	5 Nos	60 Days
3	Power Sawing Machine	1 No	60 Days
MACHINERY PACKAGE - 2			
1	Electric Welding Plants Complete set	5 Nos	30 Days
2	Gas Welding Plant complete set with cylinders etc	1 No	30 Days
3	Welding Goggles	12 Nos	30 Days
4	Welding Gloves	12 Pairs	30 Days
5	Welding Electrodes, 20 packets of 5 kg each size No.8,10,12	20 packets of 5 kg each.	30 Days
MACHINERY PACKAGE - 3			
1	Cut Section of Hydraulic pump assemblies	5 Nos	60 Days
2	Cut Section of Torque converter assemblies	5 Nos	60 Days
3	Cut Section of Fuel Pump Assembly for Bulldozers.	2 Nos	60 Days
4	Cut Section of Fuel Pump Assembly for Excavators.	2 Nos	60 Days
5	Cut Section of Fuel Pump Assembly for Lifters.	2 Nos	60 Days
6	PT Pump Test Stand	1 No	60 Days
7	Fuel Injection PUMP Flow Test Bench For 06 Cylinder Engine	1 No	60 Days

Signature & Stamp of the Bidder

8	Nozzle Tester	1 No	60 Days
9	Hydraulic pump test bench	1 No	60 Days
10	Linear actuator	1 No	60 Days
11	Rotary actuator	1 No	60 Days
12	Valve Mechanism	1 No	60 Days
13	Injector Reconditioning Machinery	1 No	60 Days
14	Spark Plug cleaner	1 No	60 Days
15	Distributor Test bench	1 No	60 Days
16	Air Compressor	1 No	60 Days
MACHINERY PACKAGE - 4			
1	Hydraulic Tyre Removing Tools 10 tons	1 No	60 Days
2	Wheel Alignment Tester	1 No	60 Days
MACHINERY PACKAGE - 5			
1	Driving Simulator	2 Nos	60 Days
MACHINERY PACKAGE - 6			
1	Bench Vice	5 Nos	30 Days
2	Chain Pulley Set	1 No	30 Days
3	Dollies (Wheel mounted plate farm for 1 ton load)	8 Nos	30 Days
4	Wd 40 spray cans large size	100 Nos	30 Days
5	Aluminum Ladders 12 ft	4 Nos	30 Days
6	High rise 18 ft stole with ladder	1 No	30 Days
7	Electric Blower	6 Nos	30 Days
8	Centrifugal Water Pump and motor set 1 hp	2 Nos	30 Days

Signature & Stamp of the Bidder

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MACHINERY PACKAGE - 7			
1	Water Tanker / sprayer pickup mounted	1 No	60 Days
MACHINERY PACKAGE - 8			
1	Mobile Floor Crane 2 tons	1 No	60 Days
2	Mini Truck Mounted Crane 3 to 5 Ton (3000 to 3500cc)	1 No	60 Days
PACKAGE - 9			
1	Printing Unit	1 No	60 Days
PACKAGE - 10			
1	Pop up Sprinkler Irrigation system with installation.	1 No	30 Days
PACKAGE - 11			
1	Motorized Multi Media Video Projector screen (28ft width)	1 No	30 Days
PACKAGE - 12			
1	Multi Media Video LCD Projector	1 No	30 Days
2	Multi Media LCD / LED Monitor for IT Lab 42 inch	1 No	30 Days

Bid Evaluation Report

Answer - A 171

Name of Procuring Agency	Project Directorate Modernization of Training & Research Facilities in Agriculture Engineering through Establishment of Agriculture Engineering Training Institute @ Nareja Hyderabad.	
Tender Reference No:	DAE/Stores-958/516/14 Dated:25/03/2013	
Tender Description/Name of work/item	Procurement of Workshop Machinery & Equipment	
Method of Procurement	As per Sindh Public Procurement Regulatory Authority Rules 2010. (Single stage - Two Envelop)	
Tender Published	<u>Tender Notice was published in Newspapers:-</u> <ul style="list-style-type: none"> ▪ Daily Ibrat 27-03-2014 ▪ Daily Sindh Express 28-03-2014 ▪ Daily Express 28-03-2014 ▪ The Daily Dawn 28-03-2014 	
Total Bid documents Sold	Workshop Machinery & Equipment	11No
Total Bids Received:	Workshop Machinery & Equipment	05No
Technical Bid Opening date:	15-04-2014	
No. of Bid technically qualified	Workshop Machinery & Equipment	05No
Bid(s) Rejected	Workshop Machinery & Equipment	Null
Financial Bid Opening date	09/05/2014	

BID EVALUATION REPORT

Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance or rejection	Remarks
WORKSHOP MACHINERY & EQUIPMENT					
Package No 1.					
Lathe Machines 5 Nos, Shaper Machines 5 Nos & Power Sawing Machine 1 No,					
M/S KTD Pvt Ltd	Rs.6,709,950	1 st Lowest	Within Estimated cost	Lowest bid accepted	
M/S Global Enterprises	Rs. 8,300,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	
M/S Talah Enterprises Pvt Ltd	Rs.8,362,000	3 rd Lowest	Within Estimated cost	Higher bid rejected	
Package No 2.					
Electric Welding Plants (Complete sets) 5 Nos, Gas Welding Plant complete set with cylinders etc 1 No, Welding Goggles 12 Nos, Welding Gloves 12 Nos & Welding Electrodes (8,10 &12 No) 20 Packets each of 5kg.					
M/s Talah Enterprises Pvt Ltd	Rs. 1,312,050	1 st Lowest	Within Estimated cost	Lowest bid accepted	
M/s D.A Traders	Rs. 1,500,500	2 nd Lowest	Within Estimated cost	Higher bid rejected	
M/s Global Enterprises	Rs. 1,655,800	3 rd Lowest	Within Estimated cost	Higher bid rejected	
Package No 3.					
Cut Section of Hydraulic pump assemblies 5Nos, Cut Section of Torque converter assemblies 5 Nos, Cut Section of Fuel Pump Assembly for Bulldozers 140 to 150hp 2Nos, Cut Section of Fuel Pump Assembly for Excavators 140 to 150hp 2 Nos, Cut Section of Fuel Pump Assembly for Lifters 2 to 3 tons 2 Nos, PT Pump Test Stand 1No, Fuel Injection Pump Flow Test Bench for 06 Cylinder Engine 1No, Nozzle Tester 1No, Hydraulic pump test bench 1No, Linear actuator 1 No, Rotary actuator 1No, Valve Mechanism 1 No, Injector Reconditioning Machinery 1 No, Spark Plug cleaner 1No, Distributor Test bench 1No and Air Compressor 1 No.					
M/s Talah Enterprises Pvt Ltd	Rs.11,886,250	1 st Lowest	Within Estimated cost	Lowest bid accepted	
M/s Global Enterprises	Rs.13,710,500	2 nd Lowest	Within Estimated cost	Higher bid rejected	

package No 4.

Hydraulic Tyre Removing Tools 10 tons 1 No & Wheel Alignment Tester 1 No.

i	M/s Talah Enterprises Pvt Ltd	Rs 1,517,000	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii	M/s Global Enterprises	Rs. 1,564,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	

Package No 5.

Driving Simulator 2 Nos.

i	M/s Global Enterprises	Rs. 2,000,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
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Package No 6.

Bench Vice 5 Nos, Chain Pulley Set 1 No, Dollies (Wheel mounted plate farm for 1 ton load) 8 Nos, Wd 40 spray cans large size 100 Nos, Aluminum Ladders 12 ft 4 Nos, High rise 18 ft stole with ladder 1 No, Electric Blower 6 Nos & Centrifugal Water Pump and motor set 01 hp 2 Nos.

i	M/s Talah Enterprises Pvt Ltd	Rs 596,625	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii	M/s D.A Traders	Rs. 1,073,900	2 nd Lowest	Within Estimated cost	Higher bid rejected	
iii	M/s Global Enterprises	Rs. 1,135,600	3 rd Lowest	Within Estimated cost	Highest bid rejected	

Package No 7.

Water Tanker / sprayer pickup mounted 1No,

i	M/s M.A Enterprises Pvt Ltd	Rs. 2,390,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
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Package No 8.

Mobile Floor Crane 2 tons 1No & Crane 3 to 5 tons truck / pickup mounted 1No.

i	M/s M.A Enterprises Pvt Ltd	Rs. 6,380,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
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Package No 9.

Printing Unit 01 No.

i. M/s Global Enterprises	Rs 2,750,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
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Package No 10.

Pop up Sprinkler Irrigation system with installation. 01 No (1000 sqyd)

i. M/s Global Enterprises	Rs. 235,000	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii. M/s D.A Traders	Rs. 775,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	

Package No 11.

Motorized Multi Media Video Projector screen, 28ft (01 Nos.)

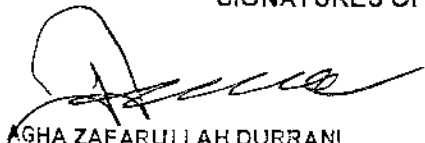
i. M/s Global Enterprises	Rs.450,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
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Package No 12.

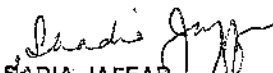
Multi Media Video LCD Projector (01 Nos.) & Multi Media LCD / LED Monitor for IT Lab 42 inch (01 Nos.)

i. M/s Global Enterprises	Rs .173,500	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii. M/s D.A Traders	Rs 200,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	


SIGNATURES OF THE MEMBERS OF THE COMMITTEE.


AGHA ZAFARULLAH DURRANI
Director General
Agriculture Engineering
& Water Management
Sindh, Hyderabad


ABDUL QADIR TAREEN
Additional Secretary (Tech)
Agriculture Department,
Government of Sindh, Karachi


SADIA JAFFAR
Deputy Secretary (B&E-I)
Finance Department,
Government of Sindh, Karachi


MUHAMMAD RAMZAN SAPRANI
PROJECT DIRECTOR
MATI
Member /Secretary


MUSARRAT MOKHTAR
Deputy Director (Inspection)
Industries Department,
Government of Sindh, Karachi

Bid Evaluation Report

Name of Procuring Agency	Project Directorate Modernization of Training & Research Facilities in Agriculture Engineering through Establishment of Agriculture Engineering Training Institute @ Nareja Hyderabad.	
Tender Reference No:	DAE/Stores-958/516/14 Dated:25/03/2013	
Tender Description/Name of work/item	Procurement of Workshop Machinery & Equipment	
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Tender Published	<u>Tender Notice was published in Newspapers:-</u> <ul style="list-style-type: none"> ▪ Daily Ibrat 27-03-2014 ▪ Daily Sindh Express 28-03-2014 ▪ Daily Express 28-03-2014 ▪ The Daily Dawn 28-03-2014 	
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No. of Bid technically qualified	Workshop Machinery & Equipment	05No
Bid(s) Rejected	Workshop Machinery & Equipment	Nill
Financial Bid Opening date	09/05/2014	

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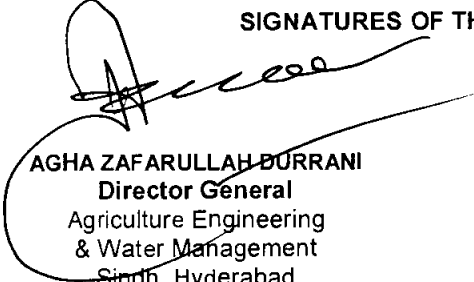
BID EVALUATION REPORT

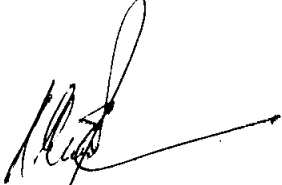
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1	WORKSHOP MACHINERY & EQUIPMENT					
	Package No 1.					
	Lathe Machines 5 Nos, Shaper Machines 5 Nos & Power Sawing Machine 1 No,					
i	M/S KTD Pvt Ltd	Rs.6,709,950	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii.	M/S Globel Enterprises	Rs. 8,300,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	
iii	M/S Talah Enterprises Pvt Ltd	Rs.8,362,000	3 rd Lowest	Within Estimated cost	Higher bid rejected	
	Package No 2.					
	Electric Welding Plants (Complete sets) 5 Nos, Gas Welding Plant complete set with cylinders etc 1 No, Welding Goggles 12 Nos, Welding Gloves 12 Nos & Welding Electrodes (8,10 &12 No) 20 Packets each of 5kg.					
i	M/s Talah Enterprises Pvt Ltd	Rs. 1,312,050	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii.	M/s D.A Traders	Rs. 1,500,500	2 nd Lowest	Within Estimated cost	Higher bid rejected	
iii	M/s Globel Enterprises	Rs. 1,655,800	3 rd Lowest	Within Estimated cost	Higher bid rejected	
	Package No 3.					
	Cut Section of Hydraulic pump assemblies 5Nos, Cut Section of Torque converter assemblies 5 Nos, Cut Section of Fuel Pump Assembly for Bulldozers 140 to 150hp 2Nos, Cut Section of Fuel Pump Assembly for Excavators 140 to 150hp 2 Nos, Cut Section of Fuel Pump Assembly for Lifters 2 to 3 tons 2 Nos, PT Pump Test Stand 1No, Fuel Injection Pump Flow Test Bench for 06 Cylinder Engine 1No, Nozzle Tester 1No, Hydraulic pump test bench 1No, Linear actuator 1 No, Rotary actuator 1No, Valve Mechanism 1 No, Injector Reconditioning Machinery 1 No, Spark Plug cleaner 1No, Distributor Test bench 1No and Air Compressor 1 No.					
i	M/s Talah Enterprises Pvt Ltd	Rs.11,886,250	1 st Lowest	Within Estimated cost	Lowest bid accepted	
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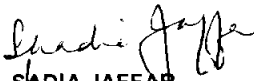
Package No 4. Hydraulic Tyre Removing Tools 10 tons1 No & Wheel Alignment Tester 1 No.						
i	M/s Talah Enterprises Pvt Ltd	Rs 1,517,000	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii.	M/s Global Enterprises	Rs. 1,564,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	
Package No 5. Driving Simulator 2 Nos.						
i	M/s Global Enterprises	Rs. 2,000,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
Package No 6. Bench Vice 5 Nos, Chain Pulley Set 1 No, Dollies (Wheel mounted plate farm for 1 ton load) 8 Nos, Wd 40 spray cans large size 100 Nos, Aluminum Ladders 12 ft 4 Nos, High rise 18 ft stole with ladder 1 No, Electric Blower 6 Nos & Centrifugal Water Pump and motor set 01 hp 2 Nos.						
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iii	M/s Global Enterprises	Rs. 1,135,600	3 rd Lowest	Within Estimated cost	Highest bid rejected	
Package No 7. Water Tanker / sprayer pickup mounted 1No,						
i	M/s M.A Enterprises Pvt Ltd	Rs. 2,390,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
Package No 8. Mobile Floor Crane 2 tons 1No & Crane 3 to 5 tons truck / pickup mounted 1No.						
i	M/s M.A Enterprises Pvt Ltd	Rs. 6,380,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	

Package No 9. Printing Unit 01 No.						
i	M/s Global Enterprises	Rs 2,750,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
Package No 10. Pop up Sprinkler Irrigation system with installation. 01 No (1000 sqyd)						
i	M/s Global Enterprises	Rs. 235,000	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii.	M/s D.A Traders	Rs. 775,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	
Package No 11. Motorized Multi Media Video Projector screen, 28ft (01 Nos.)						
i	M/s Global Enterprises	Rs.450,000	1 st Lowest	Within Estimated cost	Single Bid accepted after verification from Market Rates	
Package No 12. Multi Media Video LCD Projector (01 Nos.) & Multi Media LCD / LED Monitor for IT Lab 42 inch (01 Nos.)						
i	M/s Global Enterprises	Rs .173,500	1 st Lowest	Within Estimated cost	Lowest bid accepted	
ii.	M/s D.A Traders	Rs 200,000	2 nd Lowest	Within Estimated cost	Higher bid rejected	


SIGNATURES OF THE MEMBERS OF THE COMMITTEE.


AGHA ZAFARULLAH BURRANI
Director General
Agriculture Engineering
& Water Management
Sindh, Hyderabad


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Additional Secretary (Tech)
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Government of Sindh, Karachi


SADIA JAFFAR
Deputy Secretary (B&E-I)
Finance Department,
Government of Sindh, Karachi


MUHAMMAD RAMZAN BAPRANI
PROJECT DIRECTOR
MATI
Member /Secretary



MUSARRAT MOKHTAR
Deputy Director (Inspection)
Industries Department,
Government of Sindh, Karachi


SUMMARY OF MARKET RATES OBTAINED


Item	Continental Enterprises	Specnet Karachi	Continental Karachi	Compuzone Karachi	Talha Enterprises	Lowest Rate offered
Printing Unit / Work Station	3,650,000	3,550,000	--	--	3,000,000	2,750,000
Motorized Screen 28 Ft.	525,000	520,000	--	--	480,000	450,000
Driving Simulator Per Unit	--	1,420,000	1,400,000	1,350,000	1,100,000	1,000,000


Item	Aneel Contractor	Creative Spirits	Hino Pak Limited	Lowest Rate offered
Water Tanker Sprayer	2,515,000	2,599,000	2,910,000	2,390,000


Item	IK Enterprises Karachi	Ak Links Islamabad	M. Qasim Memon	Lowest Rate offered
Mini Truck Mounted Crane	5,600,000	6,100,000	6,400,000	5,390,000
Mobile Floor Crane	1,150,000	1,800,000	1,400,000	990,000


Abdul Qadir Tareen
 Additional Secretary (Tech)
 Agriculture, Supply & Price Department
 Government of Sindh, Karachi
 MEMBER


Sadia Jaffar
 Deputy Secretary (B&E-I)
 Finance Department
 Government of Sindh, Karachi
 MEMBER


(AGHA ZAFFARULLAH BURRANI)
 Director General
 Agriculture Engineering & Water Management,
 Sindh Hyderabad
 CHAIRMAN



Muhammad Ramzan Bapiani
 Project Director
 MATI Nareja
 MEMBER / SECRETARY



Mussarat Mokhtar
 Deputy Director (Inspection)
 Industries Department
 Government of Sindh, Karachi
 MEMBER


FORM FOR TECHNICAL EVALUATION

WORKSHOP MACHINERY

S #	Particulars	Name of Bidder / Tenderer					
		M/s KTD Pvt Ltd. Karachi	M/s Global Enterprises, Karachi	M/s M.A Enterprises Hyderabad	M/s Talha Enterprises Karachi	M/s D.A Traders, Hyderabad	
1	Type of Bidder (attach evidence)	Importer	Wholesaler	Individual	Business Individual	Individual	
2	Experience of similar nature and past performances (attach documentary evidences)	Responsive	Responsive	Responsive	Responsive	Responsive	
3	Technical Capabilities (attach detailed list of manpower, machinery and equipment evidences)	Responsive	Responsive	Responsive	Responsive	Responsive	
4	Financial Capabilities (attach documentary evidences i.e. bank statement etc.)	Responsive	Responsive	Responsive	Responsive	Responsive	
5	Registration with Sales tax and Income Tax Department. (attach documentary evidences and registration numbers)	Responsive	Responsive	Responsive	Responsive	Responsive	
6	Delivery Schedule	Responsive	Responsive	Responsive	Responsive	Responsive	
7	Whether "Financial Proposal attached with bid.	Responsive	Responsive	Responsive	Responsive	Responsive	







 13.05

TECHNICAL EVALUATION FOR PROCUREMENT OF MACHINERY & EQUIPMENTS FOR MODERNIZATION OF TRAINING INSTITUTE, NAREJA SINDH HYDERABAD

Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE-1						
1 Lathe Machines – 5 Numbers.						
A MAKE		M IMRAN	2014		ALQAMAR	
B MODEL		6 FEET	6 FT LATHE MACHINE		6014	
C COUNTRY OF ORIGIN		PAKISTAN	LOCAL		PAKISTAN	
D MANUFACTURERS		MADANI MACHINERY	HAFEEZ LATHE MACHINE			
E SPECIFICATIONS						
1 Swing over bed	250 to 350mm	500MM	250 to 350mm		440-650mm	
2 Max distance between centers	700 to 900mm	700MM	700 to 900mm		500 to 1000mm	
3 Max. swing over carriage	130 to 150 mm	140MM	130 to 150 mm		262 to 320mm	
4 Spindle bore	27 to 45mm	63MM	27 to 45mm		300 to 600ml	
5 Taper of spindle nose	MT4	MT 3/4	MT4		72-92mm	
6 Range of Spindle Speeds (steps)	115-1620 (6steps)	1450 RPM	115-1620 (6steps)		2-6 to ISO A-28	
7 Tread Cutting	8-56T.P.1 (20kinds)	---	8-56T.P.1 (20kinds)		45-4500 to 30-3000	
8 Module threads	0.2-1.25 (10kinds)	---	0.2-1.25 (10kinds)		---	
9 Range of longitudinal	0.05 or 0.1	0.05	0.05 or 0.1		---	
10 Power (kw)	0.55-0.75	2hp	0.55-0.75		---	
11 Net Weight (kg)	135-165	800 kg Approx	135-465		200kg approx	
12 External grinding swing over bed	280-400	---	280-400		---	
13 Max. grinding diameter	60-140	---	60-140		---	
14 Internal grinding Min. diameter	30-40	---	30-40		---	
15 Max. grinding diameter	80-95	---	---		---	
16 Spindle speed External	50Hz/60Hz	---	---		45-4500 to 30-3000	
17 Spindle speed Internal	501Hz/601Hz	---	---		---	
18 Power of Main Motor	350W-370W	---	---		S611218.5	

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13-05

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Not Quoted

Not Quoted

Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
2 SHAPER MACHINE - 5 Numbers						
A MAKE		ASIF	ALMACO	2014	ALQAMAR	
B MODEL		786	SMI1000	36" Shaper Machine	114	
C COUNTRY OF ORIGIN		PAKISTAN	CHINA	LOCAL	PAKISTAN	
D MANUFACTURERS		MADANI MACHINER	ALMACO	HAFEZ LATHE MACHINE	ALQAMAR	
E SPECIFICATIONS						
1 Max. shaping length	900-1000mm	26"	1000mm	900-1000mm	915 (36")	
2 Cutting Speed of ram (stepless)	3-38mm/min	12-70 S/Pim	8-92/min	3-38mm/min	5-85'	
3 Distance from lower edge of ram to upper surface of table	350mm-450mm	400	400	350mm-450mm	500mm	
4 Max. cutting force	38kN	---	28kN	38kN	---	
5 Max. travel of tool head	150mm-160mm	180mm	160mm	150mm-160mm	279 (11")	
6 Upper working surface to table (LxW)	1000 x 500mm	540x370mm	1000x500mm	1000 x 500mm	745*470*380	
7 Width of T-slot on upper surface of table	22mm	---	22mm	22mm	---	
8 Max. horizontal travel of table	800-900mm	670mm	800mm	800-900mm	500	
9 Horizontal feed of table per reciprocating stroke of ram	0.25-5mm	1-3'	0.25-5mm	0.25-5mm	11	
10 Main motor	7.5kw	3hp, 950 Rpm	7.5kw	7.5kw	upto 3hp (2.2kw)	
11 Motor for rapid motion of table	0.75kw	---	0.75kw	0.75kw	---	
12 Net weight	4000-4500kg	1400kg Approx	4200kg	4000-4500kg	4000kg	




 13.05

Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
3 POWER SAWING MACHINE - 1 Number.						
A MAKE		NAZEER	2013		ALQAMAR	
B MODEL		HS9"	PSM-13			
c COUNTRY OF ORIGIN		PAKISTAN	PAKISTAN		PAKISTAN	
D MANUFACTURERS		NAZEER ENGINEERING	POWER ENGG PVT LTD.		ALQAMAR	
E SPECIFICATIONS						
1 Cutting Capacity	Round bar upto - 200 mm, Square bar (mm) 200x200mm	9" (220mm)	Round bar upto - 200 mm, Square bar (mm) 200x200mm	Not Quoted	Round bar upto - 200 mm, Square bar (mm) 200x200mm	Not Quoted
2 Oblique saw	45 degree.	Yes	45 degree.		45 degree.	
3 Blade size	Variable size capability	18"	Variable size capability		Variable size capability	
4 Sawing speed (time/min)	Variable settings of 30 to 80	Variable	Variable settings of 30 to 80		Variable settings of 30 to 80	
5 Motor power (kw)	Minimum 1.5 to 4.50kw	2hp, 3 phase	Minimum 1.5 to 4.50kw Brocher Attached		Minimum 1.5 to 4.50kw	







13.05

Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE-2						
1 ELECTRIC ARC WELDING PLANTS - 5 NOS.						
A MAKE			2014		FEW	PAKISTAN/Local Made
B MODEL			EW-2		PAKISTAN	LOCAL MADE
c COUNTRY OF ORIGIN	Local made		LOCAL		PAKISTAN	LOCAL MADE
D MANUFACTURERS			SHAHBAZ WELDING PLANTS		FAISAL ENGINEERING	
E SPECIFICATIONS						
1 Input Power Voltage (V,Hz)	3 phase 220V 10%/60Hz		3 phase 220V 10%/60Hz		3 phase 220V 10%/60Hz	As per Specification
2 Rated duty cycle (%)	50-60		50-60		50-60	As per Specification
3 Output Current Range (A)	60-500		60-500		60-500	As per Specification
4 Rated Output Voltage (V)	15-50		15-50		15-50	As per Specification
5 Efficiency (%)	>89		>89		>89	As per Specification
6 Power Factor COS φ	0.87		0.87		0.87	As per Specification
7 Insulation Class	H		!! (Brochure Attached)		H (Brochure Attached)	As per Specification
2 GAS WELDING PLANTS WITH ACCESSORIES - 1 NO.						
A MAKE			2014		FEW	
B MODEL					2014	
c COUNTRY OF ORIGIN	Local made		Local made		PAKISTAN	
D MANUFACTURERS			SHAHBAZ WELDING PLANTS		FAISAL ENGINEERING	
E SPECIFICATIONS						
1 Type	Semi-automatic gas shielded metal arc welding machine		Semi-automatic gas shielded metal arc welding machine		Semi-Automatic	As per Specification
2 Protective functions	Over and Under (heat & current)		Over and Under (heat & current)		Over and Under	As per Specification
3 Rated input current	12A		12A		12A	As per Specification
4 Rated Input voltage	3-380V		3-380V		3-380V	As per Specification
5 Un-load Voltage	65-75V		65-75V		65-75V	As per Specification
6 Power factor	0.7-0.9		0.7-0.9		0.7-0.9	As per Specification
7 Efficiency	>=85%		>=85%		>=85%	As per Specification
8 Cooling mode	Fan cooling		Fan cooling		Fan cooling	As per Specification
9 Net weight	50-60KG		50-60KG		50-60KG	As per Specification
10 Insulation grade	F		!! (Brochure Attached)		F (Brochure Attached)	As per Specification

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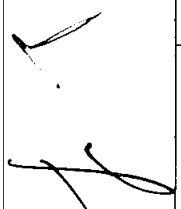



Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
3 WELDING GOGGLES - 12 NUMBERS						
A MAKE					China	
B MODEL					China	
c COUNTRY OF ORIGIN			CHINA		China	
D MANUFACTURERS			Safety Goggles China		China	
E SPECIFICATIONS						
1 Standard Welding goggles			Standard Welding goggles (Brochure Attached)		Standard Welding goggles (Brochure Attached)	As per Standard
4 WELDING GLOVES - 12 PAIRS						
A MAKE			NIL			PAKISTAN
B MODEL			NIL			
c COUNTRY OF ORIGIN			LOCAL		Local	PAKISTAN
D MANUFACTURERS			SLAKOT		Local	
E SPECIFICATIONS						
1 Standard Welding Gloves			Lather / Standard Gloves (Brochure attached)		Lather / Standard Gloves (Brochure attached)	As per Specification
5 WELDING ELECTRODES - 20 PACKETS OF 5 KG						
A MAKE			NIL		China	
B MODEL			NIL			DIAMOND
c COUNTRY OF ORIGIN			LOCAL		China	EQUVALENT
D MANUFACTURERS			PNID INTERNATIONAL KARACHI		Golden Bridge	
E SPECIFICATIONS						
1 Electric arc welding electrodes.	20 packets of 8 No, 20 packets of 10 No. AND 20 packets of 12 Nos. Each packet 5 kg.		20 packets of 8 No, 20 packets of 10 No. AND 20 packets of 12 Nos. Each packet 5 kg. (Brochure attached)		20 packets of 8 No, 20 packets of 10 No. AND 20 packets of 12 Nos. Each packet 5 kg. (Brochure attached)	As per Specification

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Description	Required Specifications	M/s KTD Pvt.Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE - 3						
1 CUT SECTION OF HYDRAULIC PUMP ASSEMBLIES - 5 NUMBERS						
A MAKE			2013		CAT	
B MODEL			KN-35		China	
C COUNTRY OF ORIGIN			CHINA		CAT	
D MANUFACTURERS						
E SPECIFICATIONS						
1 Type	Stand mounted with handle operation full functional Hydraulic Pump assemblies cut sections	Not Quoted	Handle operated full functional	Not Quoted	Handle operated (Brochure attached)	
2 Function	Handle operated full functional		Brochure attached			
3 Purpose	demonstration purpose		demonstration purpose		demonstration purpose	
2 CUT SECTION OF TORQUE CONVERTER ASSEMBLIES - 5 NUMBERS.						
A MAKE			2013		China	
B MODEL			KM-215			
C COUNTRY OF ORIGIN			CHINA		China	
D MANUFACTURERS					KOMATSU	
E SPECIFICATIONS						
1 Type	Stand mounted with handle operation full functional Torque converter assemblies cut sections	Not Quoted	Stand mounted with handle operation full functional Torque converter assemblies cut sections	Not Quoted	Handle operated (Brochure attached)	
2 Function	Handle operated full functional		Handle operated full functional			
3 Purpose	demonstration purpose		demonstration purpose (Brochure Attached)		demonstration purpose	

Description	Required Specifications	M/s KTD Pvt Ltd.	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
3 CUT SECTION OF FUEL PUMP ASSEMBLY FOR BULLDOZERS. (140 to 150hp)- 2 NUMBERS						
A MAKE					China	
B MODEL					China	
C COUNTRY OF ORIGIN			KORIA		China	
D MANUFACTURERS					KOMATSU	
E SPECIFICATIONS						
1 Type	Stand mounted with handle operation full functional Bulldozer fuel pump assemblies cut sections	Not Quoted		Not Quoted		Handle operated (Brochure attached)
2 Function	Handle operated full functional					
3 Purpose	demonstration purpose		demonstration purpose			demonstration purpose
4 CUT SECTION OF FUEL PUMP ASSEMBLY FOR EXCAVATORS(140 to 150hp)- 2 NUMBERS						
A MAKE					China	
B MODEL					China	
C COUNTRY OF ORIGIN			CHINA		China	
D MANUFACTURERS					KOMATSU	
E SPECIFICATIONS						
1 Type	Stand mounted with handle operation full functional Excavator fuel pump assemblies cut sections	Not Quoted		Not Quoted		Handle operated (Brochure attached)
2 Function	Handle operated full functional					
3 Purpose	demonstration purpose		demonstration purpose (Brochure Attached)			demonstration purpose
Not Quoted						



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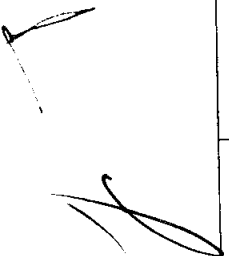
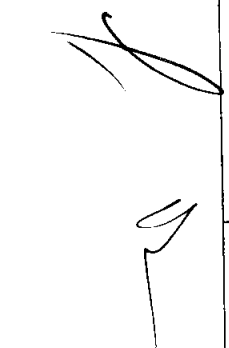



Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
5 CUT SECTION OF FUEL PUMP ASSEMBLY FOR FORK LIFTERS.(2 TO 3 TONS)- 2 NUMBERS						
A MAKE					Local	
B MODEL					Pakistan	
C COUNTRY OF ORIGIN		CHINA			Baig & Brothers	
D MANUFACTURERS					Handle operated (Brochure attached)	
E SPECIFICATIONS						Not Quoted
1 Type	Stand mounted with handle operation full functional Lifter fuel pump assembles cut sections	Stand mounted with handle operation full functional Lifter fuel pump assembles cut sections	Stand mounted with handle operation full functional Lifter fuel pump assembles cut sections			
2 Function	Handle operated full functional	Handle operated full functional				
3 Purpose	Demonstration Purpose	demonstration purpose (Brochure Attached)			Demonstration Purpose	
6 PT PUMP TEST STAND - 1 NO						
A MAKE		2014			Pakistan	
B MODEL		PT-115			2014	
C COUNTRY OF ORIGIN		LOCAL			Pakistan	
D MANUFACTURERS		LOCAL PINDI DIESEL ENGG			Baig & Brothers	
E SPECIFICATIONS		Brochure attached				Not Quoted
1 PT testing functions:	1.test of gear pump pressure, vacuum, and idle speed. 2.test of pressure, flow and fuel cut-off in every check point 3.test of AFC, ASA valves. 4.throttle test 1 seal of cylinder block.	1.test of gear pump pressure, vacuum, and idle speed. 2.test of pressure, flow and fuel cut-off in every check point 3.test of AFC, ASA valves. 4.throttle test 1 seal of cylinder block.				







Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
2 PT testing technique Parameter:	1. Fuel test demarcation flow 50-320, 310-910 Kg/h	Not Quoted	1. Fuel test demarcation flow 50-320, 310-910 Kg/h	Not Quoted	1. Fuel test demarcation flow 50-320, 310-910 Kg/h	Not Quoted
	2. Fuel test leak flow 20-500 ml/min		2. Fuel test leak flow 20-500 ml/min		2. Fuel test leak flow 20-500 ml/min	
	3. Air test flow 40-400 ml/min		3. Air test flow 40-400 ml/min		3. Air test flow 40-400 ml/min	
	4. Fuel quantum 260 ml		4. Fuel quantum 260 ml		4. Fuel quantum 260 ml	
3 Fuel injection pump testing technique Parameter:	1. Small and big graduated cylinders each one a set 45ml, 150ml	Not Quoted	1. Small and big graduated cylinders each one a set 45ml, 150ml	Not Quoted	1. Small and big graduated cylinders each one a set 45ml, 150ml	Not Quoted
	2. Oil tank content 45L		2. Oil tank content 45L		2. Oil tank content 45L	
	3. Oil auto control: 40°C, ±2°C		3. Oil auto control: 40°C, ±2°C		3. Oil auto control: 40°C, ±2°C	
	4. Test oil filtration precision : 5µm		4. Test oil filtration precision : 5µm		4. Test oil filtration precision : 5µm	
	5. Supply DC, 12V, 24V power supply		5. Supply DC, 12V, 24V power supply		5. Supply DC, 12V, 24V power supply	
	6. Triple display controlled temperature of fuel		6. Triple display controlled temperature of fuel		6. Triple display controlled temperature of fuel	
	7. Oil supply pressure: low-tension 0-0.4MPa; high-tension 0-4MPa		7. Oil supply pressure: low-tension 0-0.4MPa; high-tension 0-4MPa		7. Oil supply pressure: low-tension 0-0.4MPa; high-tension 0-4MPa	
	8. 4 digits display injection advance angle		8. 4 digits display injection advance angle		8. 4 digits display injection advance angle	
	9. Display: air pressure, vacuum		9. Display: air pressure, vacuum		9. Display: air pressure, vacuum	
	10. Rotate speed random preplate: 0-4000rpm		10. Rotate speed random preplate: 0-4000rpm		10. Rotate speed random preplate: 0-4000rpm	
	11. Three phase power supply: 380V/50Hz (or by request)		11. Three phase power supply: 380V/50Hz (or by request)		11. Three phase power supply: 380V/50Hz (or by request)	
	12. Output power: 7.5KW-15KW		12. Output power: 7.5KW-15KW		12. Output power: 7.5KW-15KW	




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Description		Required Specifications	M/S KTD Pvt Ltd	M/S Global Enterprises	M/S M/A Enterprises	M/S Faaha Enterprises	M/S D/A Traders
7 FUEL INJECTION PUMP FLOW TEST BENCH FOR 06 CYLINDER ENGINE - 1 NUMBER							
A	MAKE		2014			PAKISTAN	
B	MODEL		FI-211			2014-BB	
C	COUNTRY OF ORIGIN		LOCAL			PAKISTAN	
D	MANUFACTURERS		Pindi Diesel Engg			BAIG & BROTHERS	
E	SPECIFICATIONS		Brochure attached			Brochure attached	
1	Function	<ol style="list-style-type: none"> The testing debugging about oil-supply amount of each cylinder and oil-supply uniformity of injection pump. Check the oil-supply spacing of each cylinder and oil supply starting point in the static state. Check and adjust the performance of mechanical speeder. The sealing inspection of injection pump. The test of value of distribution pump. The test of loop oil of distribution pump. Check the inner pressure of distribution pump. Check the performance of air-film mechanical speeder. Check the pump of pressurized compensatory. Measurement of rack travel. The inspection of oil delivery pump. 	<ol style="list-style-type: none"> The testing debugging about oil-supply amount of each cylinder and oil-supply uniformity of injection pump. Check the oil-supply spacing of each cylinder and oil supply starting point in the static state. Check and adjust the performance of mechanical speeder. The sealing inspection of injection pump. The test of value of distribution pump. The test of loop oil of distribution pump. Check the inner pressure of distribution pump. Check the performance of air-film mechanical speeder. Check the pump of pressurized compensatory. Measurement of rack travel. The inspection of oil delivery pump. 				
2	Adjustable rotation speed range		: 0-4000RPM				
3	Double series of graduates		45/150CC				
4	Volume of oil tank:		75 - 100L				
5	Temperature stabilization:		40±2				

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
6 Test oil filtering unit	5µ		5µ			
7 DC Supply:	12/24V		12/24V			
8 Feed pressure:	0-0.4MPa (low), 0-4MPa (high)	Not Quoted	0-0.4MPa (low), 0-4MPa (high)	Not Quoted		Not Quoted
9 Air pressure (MPa):	-0.03-0.3		-0.03-0.3			
10 Rack travel range:	0-25mm		0-25mm			
11 Power supply:	3-phase power supply:		3-phase power supply:			
12 Flywheel inertia's moment	0.8kg.m ²		0.8kg.m ²			
13 Average trouble-free working time of test stand:	≥2500h.		≥2500h.			
8 NOZZLE TESTER - 1						
A MAKE					BAIG & BROTHERS	
B MODEL					PAKISTAN	
c COUNTRY OF ORIGIN			CHINA			
D MANUFACTURERS			Brochure attached			
E SPECIFICATIONS			Nozzle spray pressure			
1 Basic Function	Nozzle spray pressure		Nozzle spray configuration			
	Nozzle spray configuration		Nozzle whistle shake			
	Nozzle whistle shake		Nozzle pressure keeping			
	Nozzle pressure keeping		Leaking fuel injector			
	Leaking fuel injector	Not Quoted		Not Quoted		
2 Main Buttons	Internal pressure meter		Internal pressure meter			
	Air supply meter		Air supply meter			
	Air supply throttle		Air supply throttle			
	Governor valve		Governor valve			
	Air switch valve		Air switch valve			
3 Voltage	AC220 V 50Hz		AC220 V 50Hz			
4 Air pressure	0.6-0.8MPa		0.6-0.8MPa			0.5 to 0.9 Mpa
5 Fuel pressure	0-45MPa		0-45MPa			0-50MPa
6 Volume of oil tank	450 - 500ML		450 - 500ML			700ml approx

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
9 HYDRAULIC PUMP TEST BENCH - 1 NUMBER						
A MAKE			2014		BAIG & BROTHERS	
B MODEL			HP-11		PAKISTAN	
C COUNTRY OF ORIGIN			LOCAL			
D MANUFACTURERS			PINDI DIESEL ENGG			
E SPECIFICATIONS						
1 Functions	Applicable for testing flow, pressure, temperature of hydraulic system.	Not Quoted	Applicable for testing flow, pressure, temperature of hydraulic system.	Not Quoted		Not Quoted
2 Flow	450 - 500L/min		450 - 500L/min		0360L	
3 Precision	1% or better		1% or better			
4 Pressure	400 - 420bar		400 - 420bar		030MPa	
5 Temperature	120 - 150C		120 - 150C		120	
6 Discharge	350 - 400L/min		350 - 400L/min		015 L/Min	
10 LINEAR ACTUATOR - 1 NUMBER						
A MAKE					China	
B MODEL					AT-30	
C COUNTRY OF ORIGIN			CHINA		China	
D MANUFACTURERS					AERO TORK	
E SPECIFICATIONS		Not Quoted		Not Quoted		Not Quoted
1 Type	Stand mounted, cut section		Stand mounted, cut section			
2 Operation	Handle driven full functional model		Handle driven full functional model		For Demonstration Purpose (Brochure attached)	
3 Purpose	Demonstration		Demonstration (Brochure attached)			



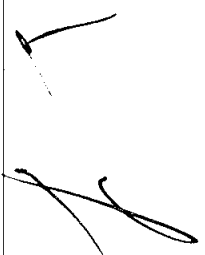
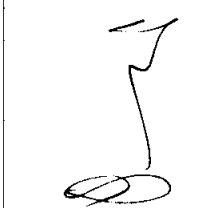



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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
11 ROTARY ACTUATOR						
A MAKE					AERO TORK	
B MODEL			CHINA		AT-41	
C COUNTRY OF ORIGIN					China	
D MANUFACTURERS					AERO TORK	
E SPECIFICATIONS						
1 Type	Stand mounted, cut section	Not Quoted	Stand mounted, cut section	Not Quoted	For Demonstration Purpose (Brochure attached)	Not Quoted
2 Operation	Handle driven full functional model		Handle driven full functional model			
3 Purpose	Demonstration.		(Brochure attached)			
12 VALVE MECHANISM						
A MAKE					Baig & Brothers	
B MODEL					Local	
C COUNTRY OF ORIGIN			CHINA			
D MANUFACTURERS						
E SPECIFICATIONS						
1 Type	Stand mounted, cut section		Stand mounted, cut section		Stand mounted, cut section	
2 Operation	Handle driven full functional model		Handle driven full functional model		For Demonstration Purpose for Heavy Duty Diesel Vehicles	
3 Purpose	Demonstration.		(Brochure attached)		Demonstration (Brochure attached)	
13 INJECTOR RECONDITIONING MACHINERY - 1 NUMBER						
A MAKE					Back Brothers	
B MODEL			CHINA		Local	
C COUNTRY OF ORIGIN						
D MANUFACTURERS						
E SPECIFICATIONS						
1 Number of testing Injectors	Min 6 Nos	Not Quoted		Not Quoted	Brochure attached	Not Quoted
2 Rotational speed range	0-9950r/min		0-9950RPM		Brochure attached	
3 Pulse width	0-20ms		1-20ms		Brochure attached	
4 Count	50-10000r/min		Brochure attached		Brochure attached	
5 Working temp	-25C-45C		0-5 bar		Brochure attached	
6 Working pressure	0-637kpa/6.5kg		220V/50Hz		Brochure attached	
7 Voltage	220V/50Hz				Brochure attached	
8 Ultrasonic bath	YES		Brochure attached		Brochure attached	
9 Bath Power	100W		Brochure attached		Brochure attached	
10 Bath timer	Yes		Brochure attached		Brochure attached	
11 Injectors type	T.F & S.F		Brochure attached		Brochure attached	
12 Oil Pressure adjustment	Automatic Tracking		Brochure attached		Brochure attached	
13 Test in speed vibration	Yes		Brochure attached		Brochure attached	

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
14 SPARK PLUG CLEANER - 1 NUMBER						
A MAKE			2014			
B MODEL			SPC-1		BAIG & BROTHERS	
C COUNTRY OF ORIGIN			LOCAL		AYDIN TRAFIC	
D MANUFACTURERS			PINDI DIESEL		Brochure Attached	
E SPECIFICATIONS		Not Quoted		Not Quoted		Not Quoted
1 Voltage	220V		220V		220 volt	
2 Air pressure	100-140psi		100-140psi		100-140 PSI	
3 Capacity for sprayed sand	300 - 350g		300 - 350g		300-350 g	
4 Testing voltage	12000 - 15000V		12000 - 15000V		12000-15000v	
15 DISTRIBUTOR TEST BENCH - 1 NUMBER						
A MAKE			2014			
B MODEL			DT-9			
C COUNTRY OF ORIGIN			LOCAL			
D MANUFACTURERS			PINDI DIESEL			
E SPECIFICATIONS		Not Quoted		Not Quoted	Brochure attached	Not Quoted
1. Measurement of each cylinder delivery at any speed.			1. Measurement of each cylinder delivery at any speed.		Brochure attached	
2. Test point and interval angle of oil supply of injection pump.			2. Test point and interval angle of oil supply of injection pump.			
3. Adjusting the performance of different mechanical governor.			3. Adjusting the performance of different mechanical governor.			
4. Checking of the sealing of injection pump.			4. Checking of the sealing of injection pump.			
5. Measurement of oil return of distributing pump.			5. Measurement of oil return of distributing pump.			
6. Checking of the pressure compensatory device of distributor pump.			6. Checking of the pressure compensatory device of distributor pump.			
7. Measurement of the internal pressure of distributor pump.			7. Measurement of the internal pressure of distributor pump.			
8. Checking of the electromagnetic valve of distributor pumps.			8. Checking of the electromagnetic valve of distributor pumps.			
1	Function					

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s MA Enterprises	M/s Talha Enterprises	M/s D.A Traders	
2 Power	11KW/15KW	Not Quoted	11KW/15KW	Not Quoted	11KW/15KW	Not Quoted	
3 Speed Range	Step less frequency conversion, multi-gear speed overhead		Step less frequency conversion, multi-gear speed overhead		Step less frequency conversion, multi-gear speed overhead		Step less frequency conversion, multi-gear speed overhead
4 Voltage	350 - 380V		350 - 380V		350 - 380V		350 - 380V
5 Cylinders	MIN 12 Nos		MIN 12 Nos		MIN 12 Nos		MIN 12 Nos
16 AIR COMPRESSOR 01 No							
A MAKE					CHINA		
B MODEL			2014		CO0708		
C COUNTRY OF ORIGIN			ITALY		(FIND) ITALY		
D MANUFACTURERS			AYDINTRARO				
E SPECIFICATIONS		Not Quoted	0.5 - 7 m3/min (Brochure attached)	Not Quoted	0.5 - 7 m3/min	Not Quoted	
1 Capacity	0.5 - 7 m3/min		0.6 - 0.9 Mpa (Brochure attached)		0.6 - 0.9 Mpa		
2 Pressure	0.6 - 0.9 MPa		100 - 140 L, with safety valves. (Brochure attached)		100 - 140 L, with safety valves.		
3 Air Tank	100 - 140 L, with safety valves.		Single cylinder. (Brochure attached)		Single cylinder.		
4 Type	Single cylinder.		Single Phase 220 V (Brochure attached)		Single Phase 220 V		
5 Power	Single Phase 220 V				Single Phase 220 V		






Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
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MACHINERY PACKAGE - 4

1	HYDRAULIC TYRE REMOVING TOOLS 10 TONS 1 - NUMBERS		DZ-698-2014		GIULIANO S1110	
A	MAKE		2014		ITALY	
B	MODEL		CHINA		GIULIANO AUTOMOTIVE	
C	COUNTRY OF ORIGIN		XIAN Foreign Traders		110/230/400V, 1/3PH	
D	MANUFACTURERS		Brochure attached		0.75-1.1kw	
E	SPECIFICATIONS				10 Bar (145PSI)	
1	Power Supply	IPH/220V or 3PH/380V				
2	Power of Motor	0.75-1.1Kw				
3	Working Air Pressure	8-10bar				
4	Rim Diameter Outer	11"-21"				
5	Rim Diameter Inner	13"-24"				
6	Max Wheel width	12.5"	1050mm		340mm (13")	
7	Max. Wheel Diameter	41"	2300mm		1100mm (39.5")	
8	Noise	<70db	<70db		Brochure attached	
2	WHEEL ALIGNMENT TESTER 1 - NUMBERS					
A	MAKE		2014		UNITED EQUIPMENTS	
B	MODEL		HW/A-T18		A960	
C	COUNTRY OF ORIGIN		CHINA		China	
D	MANUFACTURERS		YINGKOU HANWAY TECH		China	
E	SPECIFICATIONS					
1	Working Temperature	-20C-70C	Brochure attached		Brochure attached	
2	Relative Humidity	<90%	<90%		Brochure attached	
3	Environmental Pressure	70kPa-106kPa	Brochure attached		Brochure attached	
4	Voltage	AC220/110 50/60Hz	AC220/110 50/60Hz		Brochure attached	
5	Chargeable Battery	7.2V/3000mAh, NiMH	7.2V/3000mAh, NiMH		Brochure attached	
6	Power (W)	300W	300W		Brochure attached	
7	Power of Sensor	<5W	<5W		Brochure attached	
8	Wheel Toe, Camber, set-back	+1' -10'	Brochure attached		Brochure attached	
9	Steering Axle Inclination	-22	Brochure attached		Brochure attached	
10	Thrust-Angle	+1' - +10'	Brochure attached		Brochure attached	

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE - 5						
1	DRIVING SIMULATORS 2 - NUMBERS					
A	MAKE		2013			
B	MODEL		361			
C	COUNTRY OF ORIGIN		CHINA/LOCAL			
D	MANUFACTURERS		Parts China/ local Assembled			
E	SPECIFICATIONS					
1	Control	Real time interactive controlling actions for breaking, gear shifting, steering, various indicator lights, bucket actions, installed in a proper cabin give feeling of a real machine.	Real time interactive controlling actions for breaking, gear shifting, steering, various indicator lights, bucket actions, installed in a proper cabin give feeling of a real machine.	Not Quoted		Not Quoted
2	Soft ware	interactive virtual reality soft wares for the operation of a bulldozer, bucket loader, motor grader and excavator, pre installed along with CD copies and licenses.	interactive virtual reality soft wares for the operation of a bulldozer, bucket loader, motor grader and excavator, pre installed along with CD copies and licenses.	Not Quoted		Not Quoted
3	CPU	Dedicated CPU of latest configuration with at least 19 inch Wide screen L CD /LED display depicting a wind screen of the equipment,	Dedicated CPU of latest configuration with at least 19 inch Wide screen L CD /LED display depicting a wind screen of the equipment,			


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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE - 6						
1 BENCH VICE 5 - NUMBERS						
A MAKE		VERTEX			UNIVERSAL	PAKISTAN/CHINA
B MODEL		BVV-6				As per Specification
c COUNTRY OF ORIGIN		TAIWAN	LOCAL		Pakistan	As per Specification
D MANUFACTURERS		VERTEX	CMKARACHI		Pakistan	As per Specification
E SPECIFICATIONS						
1 Width Of Jaw (mm)	100 - 170	154mm	100 - 170		100-150mm	As per Specification
2 Height of Jaw	30 - 60 mm	22mm	30 - 60 mm		30-60mm	As per Specification
3 Max. Opening	75 - 180mm	150mm	75 - 180mm		160mm	As per Specification
2 CHAIN PULLEY SET 1 - NUMBER						
A MAKE			2014		CHINA	As per Specification
B MODEL					CHINA	As per Specification
c COUNTRY OF ORIGIN			CHINA		CHINA	As per Specification
D MANUFACTURERS					HITACHI	
E SPECIFICATIONS		Not Quoted				
1 Size	10 ft		10 ft		10-12ft	As per Specification
2 Type	Rigid Tripod		Rigid Tripod		Rigid Tripod	As per Specification
3 Load capacity	1000 - 1500 kg		1000 - 1500 kg		1500-1600kg	As per Specification
3 DOLLIES / WHEEL MOUNTED PLATE FARM 1 - NUMBER						
A MAKE			2014			KMT
B MODEL						
c COUNTRY OF ORIGIN			LOCAL			Local
D MANUFACTURERS			CMKARACHI			KMT
E SPECIFICATIONS		Not Quoted				
1 Size	2 Sqft		2 Sqft			2-4 sq/ft
2 Type	Rigid, wheel mounted iron plate with smooth surface		Rigid, wheel mounted iron plate with smooth surface			Rigid, wheel mounted iron plate with smooth surface
3 Load capacity	1000 Kg		1000 Kg (Brochure attached)			1000-1200 Kg

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
4 WD - 40 SPRAY CANS 100 - NUMBERS						
A MAKE			2013-14		England	ENGLAND
B MODEL					England	ENGLAND
C COUNTRY OF ORIGIN		Not Quoted	ENGLAND	Not Quoted		
D MANUFACTURERS						
E SPECIFICATIONS						
Size	400 ml		400 ml (Brochure attached)		400 ml (Brochure attached)	As per Specification
5 ALUMINIUM LADDER - 4 NUMBERS						
A MAKE					Pakistan	As per Specification
B MODEL					Local	As per Specification
C COUNTRY OF ORIGIN			LOCAL		Local	As per Specification
D MANUFACTURERS			KARACHI ALUMINIUM INDUSTRIES		Pakistan	
E SPECIFICATIONS						
Size	12 FT		12 FT		12FT	As per Specification
Type	Double ladder A type self standing and folding type with inter lock		Brochure attached		Brochure attached	As per Specification
6 HIGH RIZE STOLE WTTII		Not Quoted		Not Quoted		
A MAKE					Pakistan	As per Specification
B MODEL					Local	As per Specification
C COUNTRY OF ORIGIN			LOCAL		Local	As per Specification
D MANUFACTURERS			KARACHI ALUMINIUM INDUSTRIES		Pakistan	
E SPECIFICATIONS						
I Size	18 ft high, 6 x 6 sqft base with wheels and ladder on one side.		18 ft high, 6 x 6 sqft base with wheels and ladder on one side.		18FT High	As per Specification
2 Type	Rigid Iron steel frame with 1 inch wooden plank on top.		Rigid Iron steel frame with 1 inch wooden plank on top. (Brochure attached)		Brochure attached	As per Specification

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
7 ELECTRIC BLOWER - 6 - NUMBERS						
A MAKE			2014		China	
B MODEL					China	
C COUNTRY OF ORIGIN			MALAYSIA		Black & Decker	
D MANUFACTURERS						
E SPECIFICATIONS						
Type	Standard hand held fixed pressure electric operated.	Not Quoted	Standard hand held fixed pressure electric operated. (Brochure attached)	Not Quoted	Standard hand held fixed pressure, Brochure Attached	As per Specification
8 PUMP AND MOTOR SET 2 - NUMBERS						
A MAKE			2014		Pakistan	
B MODEL					Pakistan	
C COUNTRY OF ORIGIN			LOCAL		Pakistan	
D MANUFACTURERS			GOLDEN KARACHI		Pakistan	
E SPECIFICATIONS						
1 Type	Centrifugal pump with motor 1 hp, 220 Volt	Not Quoted	Centrifugal pump with motor 1 hp, 220 Volt (Brochure attached)	Not Quoted	As per Required Specification	As per Specification
MACHINERY PACKAGE - 7						
1 WATER TANKER / SPRAYER 1 - NUMBER						
A MAKE				PAKISTAN		
B MODEL				2013-14		
C COUNTRY OF ORIGIN				PAKISTAN/CHINA/Equivalent		
D MANUFACTURERS				Master Corporation		
E SPECIFICATIONS						
1 Tank Capacity	7000 - 10000 liters	Not Quoted	Not Quoted	5000 Ltrs	Not Quoted	
2 Mini Truck	3000 to 3500cc			Master Forland / Equivalent		
3 Out Lets	Valve type 3 - 5 inch			Agreed (3")		
4 Sprayer	Sprayer boom with pump for uniform spraying 6 - 8 ft			Agreed (6 ft)		
5 Pickup	Standard Diesel pickup shahzore or equivalent type			Master / Equivalent		

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Description	Required Specifications	M/s KTD Pvt Ltd	M/s Global Enterprises	M/s M.A Enterprises	M/s Talha Enterprises	M/s D.A Traders
MACHINERY PACKAGE - 8						
1 MOBILE FLOOR CRANE 1 - NUMBER						
A MAKE				USA (Ranger)	ANE	
B MODEL				2013-14	1200	
C COUNTRY OF ORIGIN				USA	Pakistan	
D MANUFACTURERS				RANGER		
E SPECIFICATIONS						
1 Capacity	2 Ton			2 tons	3.5 Tons	
2 Lifting Range	25 - 2400 mm			up to 2400mm	6 Feet	
3 Operation	Easy handling and floor movement			Agreed	Easy handling and floor movement, (Brochure Attached)	
2 MINI TRUCK MOUNTED						
A MAKE				MASTER	MASTER	
B MODEL				2013-14	2013	
C COUNTRY OF ORIGIN		Not Quoted	Not Quoted	PAKISTAN	PAKISTAN	Not Quoted
D MANUFACTURERS				MASTER CORPORATION	MASTER CORPORATION	
E SPECIFICATIONS						
1 Lifting of Crane Capacity	3 - 5 Ton			3 Tons (Agreed)	Agreed	
2 Mini Truck	3000 to 3500cc			Master Forland	Agreed	
2 Mount	Truck mounted, with hydraulic telescopic crane for sturdy ground support			Agreed	Agreed	
3 Operation	Easy operation with support hocks and accessories.			Agreed	Agreed	

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Description	Preferred Specifications	M/S ICTD Pvt Ltd	M/S Global Enterprises	M/S M.A Enterprises	M/S Talha Enterprises	M/S D.A Traders
PACKAGE - 9						
1 Printing Unit						
1 Printing Unit (01 No)	<ul style="list-style-type: none"> 1. Duty cycle : upto 175000 phase /month 2. Hard Drive : at least 160 GB) 3. Processor : Minimum 1GB Ducl Core with 2 GB Ram 4. Connectivity : Multiple Options) 5. Paper Input : Single Pass Automatic document feeder, scanning atleast 200 images /min. 6. Minimum 100 sheets By pass tray capable of handling heavy covers. 7. At-least 220 sheets universal trays, envelope kit and high capacity trays of atleast 8000 sheets. 8. Multiple finishing options. 	<ul style="list-style-type: none"> 1. Duty cycle : upto 175000 phase /month 2. Hard Drive : at least 160 GB) 3. Processor : Minimum 1GB Ducl Core with 2 GB Ram 4. Connectivity : Multiple Options) 5. Paper Input : Single Pass Automatic document feeder, scanning atleast 200 images /min. 6. Minimum 100 sheets By pass tray capable of handling heavy covers. 7. At-least 220 sheets universal trays, envelope kit and high capacity trays of atleast 8000 sheets. 8. Multiple finishing options. (Brochure attached) 	Not Quoted	Not Quoted	Not Quoted	Not Quoted
PACKAGE - 10						
1 Pop Up Sprinkler						
REQUIRED SPECIFICATIONS						
1 Pop up Sprinkler Irrigation system with installation. (01 Nos)	Design, material and installation of pop up sprinkler irrigation system on 1000 sqyd lawn		Design, material and installation of pop up sprinkler irrigation system on 1000 sqyd lawn (Brochure attached)			Specification Attached

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	MS/Global Enterprises	MS/MLA Enterprises	MS/Taha Enterprises	MS/D.A Traders
PACKAGE - 11				
1 Motorized Multimedia Projector				
REQUIRED SPECIFICATIONS				
Description				
1 Motorized Multi Media Video Projector screen (01 Nos.)	28 ft wide motorized video projector screen with remote control, installation and all accessories required for installation and energyzation.	28 ft wide motorized video projector screen with remote control, installation and all accessories required for installation and energyzation.	Not Quoted	Not Quoted
PACKAGE - 12				
1 Multimedia Projector				
REQUIRED SPECIFICATIONS				
Description				
1 Multi Media Video LCD Projector (01 Nos.)	3 LCD 1 lens projection system, 2500 - 2600 lumens 2500:1 contrast ratio, 30 - 300 inch image size, 1024 x 768 pixel, with VGA, S video, Composite, Digital and HDMI input, Stereo audio, low power consumption.	SONY VPL DX 120 3 LCD 1 lens projection system, 2500 - 2600 lumens 2500:1 contrast ratio, 30 - 300 inch image size, 1024 x 768 pixel, with VGA, S video, Composite, Digital and HDMI input, Stereo audio, low power consumption.	Not Quoted	Not Quoted
2 Multi Media LCD / LED Monitor for IT Lab 42 inch (01 Nos.)	42" LCD /LED Video display monitor wall mount, HDMI and computer input.	Samsung 42" LCD /LED Video display monitor wall mounted. (Brochure attached)	Not Quoted	Not Quoted
				EPSON EB SO2 (Brochure Attached) As per Specification
				As per Specification

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**GOVERNMENT OF SINDH
AGRICULTURE DEPARTMENT**

NOTIFICATION

Io.13(347)SO(DEV:)/2013: In pursuance of Rule-7 of SPP Rules, 2010, Government of Sindh, Agriculture Department is pleased to constitute a **Procurement Committee** with following composition and Terms of Reference:-

COMPOSITION.

- | | |
|---|--------------------|
| 1. Director General concerned wing
Agriculture Department | Chairman |
| 2. Additional Secretary (Technical)
Agriculture Department | Member |
| 3. Director/ Project Director (concerned wing/project) | Member / Secretary |
| 4. Representative from Finance Department, | Member |
| 5. Representative from Industries Department, | Member |

Terms of References:

- Prepare bidding documents;
- Carry out Technical as well as Financial evaluation of the bids ;
- Prepare evaluation report as provided in Rule-45 of SPPRA;
- Make recommendations for the award of contract to the competent authority ; and
- Perform any other function ancillary and incidental to the above.

**AGHA JAN AKHTAR
SECRETARY TO GOVT. OF SINDH**

Io.13(347)SO(DEV:)/2013

Karachi, dated the 6th May, 2013

A copy is forwarded for information and necessary action to:

- The Secretary to Government of Sindh, Finance Department, Karachi.
- The Secretary to Government of Sindh, Industries Department, Karachi.
- The Managing Director, Sindh Public Procurement Regularity Authority, Karachi.
- The Director Generals (all)/ Directors/ Project Directors (all), Agriculture Department.
- All Members of Committee.


**(ABDUL AZIZ CHANNA)
DEPUTY SECRETARY (TECH:)**

C. to:

- Director (Enforcement-II), SPPRA Sindh w/r to letter No.Dir(Enf-II)M08(Agr)/SPPRA/2-1/12-13/5138 dated 24-04-2013
- P.S. to Minister, Agriculture Department, Govt. of Sindh, Karachi.
- P.S. to Secretary, Agriculture Department, Govt. of Sindh, Karachi.