



GOVERNMENT OF SINDH  
AGRICULTURE DEPARTMENT

NOTIFICATION

No.13(347)SO(DEV:)/2013: In supersession of this Department's Notifications of number dated 12-01-2016 in pursuance of Rule-7 of SPP Rules, 2010, Government of Sindh, Agriculture, Supply & Prices Department is pleased to reconstitute Procurement Committee with following composition and Terms of Reference:-

1. COMPOSITION.

1.	Director General (concerned)	Chairman
2.	Additional Secretary (Technical) / Deputy Secretary (Technical), Agriculture, Supply & Prices Department, Government of Sindh, Karachi.	Member
3.	Director / Project Director (concerned wing/ project)	Member / Secretary
4.	Representative of industries Department, Government of Sindh.	Member
5.	District Account Officer / Representative of District Account Officer.	Member

Terms of References:

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

*MR. Fawad*  
*5/4/16*

SHAHID GULZAR SHAIKH  
SECRETARY TO GOVT. OF SINDH

Karachi, dated the 28-03-2016

13(347)SO(DEV:)/2013 *4774*

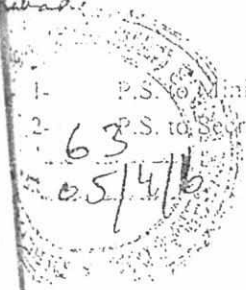
A copy is forwarded for information & further necessary action to:

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

(ABDUL AZIZ CHANNA)  
DEPUTY SECRETARY (TECHNICAL)

*63*  
*05/4/16*

- 1- P.S. to Minister, Agriculture Department, Govt. of Sindh, Karachi.
- 2- P.S. to Secretary, Agriculture Department, Govt. of Sindh, Karachi.



*Deputy*  
*DR*

**MINUTES OF MEETING OF THE PROCUREMENT COMMITTEE HELD ON 28-04-2016 AT 03:00 PM IN THE COMMITTEE ROOM OF DIRECTORATE, AGRICULTURE ENGINEERING SINDH HYDERABAD UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, AGRICULTURAL ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD TO OPEN THE FINANCIAL PROPOSAL OF TENDER NO. DAE/STORES-964/416/16 DATED 09.03.2016 UNDER SCHEME ADP # 19 "REPLACEMENT OF EARTH MOVING MACHINERY PHASE-II" FOR THE PROCUREMENT OF CRAWLER TRACTOR 140-150 HP & 10% SPARE PARTS**

List of participants attached.

The meeting started with the name of Allah.

Opening the discussion Chair welcomed the participants, and provided a short brief of the tendering process and informed that five firms submitted their bid offers for the Supply of bulldozers and Spare Parts, out of them three (03) firms were declared technically responsive by the Procurement Committee in its meeting held on 26.04.2016. The Financial offer of the Responsive firms would be opened in today's meeting.

With the permission of the Chair, the sealed financial proposals were shown to the participants and opened accordingly in the presence of the representatives of firms. The rates were read allowed and noted down by the participants alongwith the position of their bid security.

**Position of Rates Offered by the firms are as under:-**

**M/S MULTILINE ENTERPRISES, LAHORE**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Multiline Enterprises Lahore	<b>SHANTUI</b> Model # SD 16, Chinese Made fitted with Optional Shangchai / Weichai Diesel Engine	06 Nos.	Rs. 19.875 Million	Rs. 119.250 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 11.925 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 131.175 Million</b>

**M/S ORIENT ENERGY SYSTEM PVT. LTD. KARACHI**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Orient Energy System Pvt. Ltd. Karachi	<b>CASE</b> Model # 1650L Made in Brazil	06 Nos.	Rs. 32.300 Million	Rs. 193.800 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 19.380 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 213.180 Million</b>

**M/S ALLIED ENGINEERING SERVICES PVT. LTD. KARACHI**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Allied Engineering Services Pvt. Ltd. Karachi	<b>CATERPILLAR</b> Model D5R2 XL Made in Thailand	06 Nos.	Rs. 35.100 Million	Rs. 210.600 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 22.501 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 233.101 Million</b>

**Comparison & Position of Bid Security Submitted by the firms are as under:-**

S. #.	Name of Firms	Total Bid Value	Amount required (2.5%)	Amount Deposited
1	Allied Engineering Services Ltd. Karachi.	233,101,000	5,827,525	6,000,000
2	Orient Energy System Pvt. Ltd. Karachi	213,180,000	5,329,500	5,329,500
3	Multiline Enterprises, Lahore	131,175,000	3,279,375	3,300,000

The Procurement Committee observed that the lowest rates were offered by M/s Multiline Enterprises, Lahore for their offered Model i.e. Shantui SD16, 149 HP Chinese make Bulldozers with a total offered price of Rs. 131.175 Million and decided to referred the case to the Purchase committee for further decision.

The meeting ended with vote of thanks.

  
MEMBER / SECRETARY  
PROCUREMENT COMMITTEE

NO. DAE/STORES-964/78/ /16

Dated: 28/4 /2016.



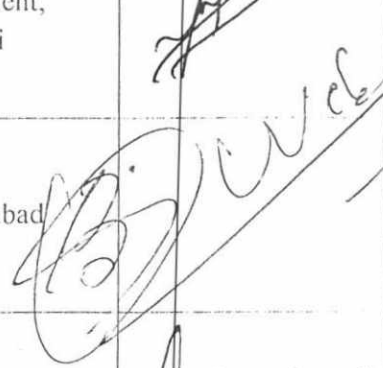

**C.C. to:**

- The Director General Agricultural Engineering & Water Management Sindh, Hyderabad for kind information.
- The Additional Secretary (Tech) Agriculture Department Government of Sindh Karachi for kind information.
- PS to Secretary Agriculture Department Government of Sindh, Karachi for kind information.
- Member Procurement Committee \_\_\_\_\_ (All).

  
MEMBER / SECRETARY  
PROCUREMENT COMMITTEE

## ATTENDANCE SHEET

FOR THE MEETING OF THE PROCUREMENT COMMITTEE HELD ON  
28/04/2016 AT 03:00 PM TO OPEN THE FINANCIAL PROPOSAL OF  
THE BIDDING DOCUMENT UNDER ADP SCHEME # 19 "REPLACEMENT  
OF EARTH MOVING MACHINERY PHASE-II" FOR THE PROCUREMENT  
OF CRAWLER TRACTOR 140-150 HP & SPARE PARTS VALUING 10% OF  
DDP PRICE OF CRAWLER TRACTOR IN THE COMMITTEE ROOM OF  
DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD

S. #.	NAME	DESIGNATION	SIGNATURES
01	ABDUL QADIR TAREEN	Director General Agriculture Engineering & Water Management Sindh, Hyderabad	IN CHAIR
02	ABDUL AZIZ CHANNA	Deputy Secretary (Tech) Agriculture, Supply & Prices Department Government of Sindh, Karachi MEMBER	
03	MUSARRAT MOKHTAR	Deputy Director (Development) Industries & Commerce Department, Government of Sindh, Karachi MEMBER	
04	Bashir Ahmed	Representative of District Accounts Officer, Hyderabad MEMBER	
05	ENGR. IRSHAD AHMED ANSARI	Director Agriculture Engineering Sindh Hyderabad MEMBER / SECRETARY	

## LIST OF PARTICIPANTS

1	<b>ABDUL QADIR TAREEN</b> DIRECTOR GENERAL AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD	<b>CHAIRMAN</b>
2	<b>ABDUL AZIZ CHANNA</b> DEPUTY SECRETARY (TECH), AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI	<b>MEMBER</b>
3	<b>MUSARRAT MOKHTAR</b> DEPUTY DIRECTOR (INSPECTION) INDUSTRIES & COMMERCE DEPARTMENT, GOVERNMENT OF SINDH KARACHI	<b>MEMBER</b>
4	<b>BASHIR AHMED</b> ADDITIONAL DISTRICT ACCOUNTS OFFICER-I DISTRICT ACCOUNTS OFFICE, DISTRICT HYDERABAD	<b>MEMBER</b>
5	<b>ENGR. IRSHAD AHMED ANSARI</b> DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD	<b>MEMBER / SECRETARY</b>



GOVERNMENT OF SINDH  
AGRICULTURE DEPARTMENT

NOTIFICATION

No.13(347)SO(DEV:)/2013: In supersession of this Department's Notifications of number dated 12-01-2016 in pursuance of Rule-7 of SPP Rules, 2010, Government of Sindh, Agriculture, Supply & Prices Department is pleased to reconstitute Procurement Committee with following composition and Terms of Reference:-

1. COMPOSITION.

1.	Director General. (concerned)	Chairman
2.	Additional Secretary (Technical) / Deputy Secretary (Technical), Agriculture, Supply & Prices Department, Government of Sindh, Karachi.	Member
3.	Director / Project Director (concerned wing/ project)	Member / Secretary
4.	Representative of industries Department, Government of Sindh.	Member
5.	District Account Officer / Representative of District Account Officer.	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;
- Perform any other function ancillary and incidental to the above.

*Handwritten notes:*  
5/4/16  
MR. [unclear]

SHAHID GULZAR SHAIKH  
SECRETARY TO GOVT. OF SINDH

Karachi, dated the 28-05-2016

13(347)SO(DEV:)/2013

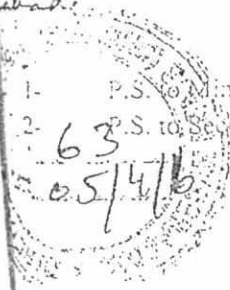
*Handwritten number:* 4774

A copy is forwarded for information & further necessary action to:

- The Secretary to Government of Sindh, Industries & Commerce 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 (TECHNICAL)

- P.S. to Minister, Agriculture Department, Govt. of Sindh, Karachi.
- P.S. to Secretary, Agriculture Department, Govt. of Sindh, Karachi.



*Handwritten signature:* [unclear]



**MINUTES OF MEETING OF THE PROCUREMENT COMMITTEE HELD ON 28-04-2016 AT 03:00 PM IN THE COMMITTEE ROOM OF DIRECTORATE, AGRICULTURE ENGINEERING SINDH HYDERABAD UNDER THE CHAIRMANSHIP OF DIRECTOR GENERAL, AGRICULTURAL ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD TO OPEN THE FINANCIAL PROPOSAL OF TENDER NO. DAE/STORES-964/416/16 DATED 09.03.2016 UNDER SCHEME ADP # 19 "REPLACEMENT OF EARTH MOVING MACHINERY PHASE-II" FOR THE PROCUREMENT OF CRAWLER TRACTOR 140-150 HP & 10% SPARE PARTS**

List of participants attached.

The meeting started with the name of Allah.

Opening the discussion Chair welcomed the participants, and provided a short brief of the tendering process and informed that five firms submitted their bid offers for the Supply of bulldozers and Spare Parts, out of them three (03) firms were declared technically responsive by the Procurement Committee in its meeting held on 26.04.2016. The Financial offer of the Responsive firms would be opened in today's meeting.

With the permission of the Chair, the sealed financial proposals were shown to the participants and opened accordingly in the presence of the representatives of firms. The rates were read allowed and noted down by the participants alongwith the position of their bid security.

**Position of Rates Offered by the firms are asunder:-**

**M/S MULTILINE ENTERPRISES, LAHORE**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Multiline Enterprises Lahore	<b>SHANTUI</b> Model # SD 16, Chinese Made fitted with Optional Shangchai / Weichai Diesel Engine	06 Nos.	Rs. 19.875 Million	Rs. 119.250 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 11.925 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 131.175 Million</b>

**M/S ORIENT ENERGY SYSTEM PVT. LTD. KARACHI**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Orient Energy System Pvt. Ltd. Karachi	<b>CASE</b> Model # 1650L Made in Brazil	06 Nos.	Rs. 32.300 Million	Rs. 193.800 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 19.380 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 213.180 Million</b>

**M/S ALLIED ENGINEERING SERVICES PVT. LTD. KARACHI**

Name of firm	Bulldozer Offered	Qty	Unit Price in Rs.	Total Price in Rs.
M/s Allied Engineering Services Pvt. Ltd. Karachi	<b>CATERPILLAR</b> Model D5R2 XL Made in Thailand	06 Nos.	Rs. 35.100 Million	Rs. 210.600 Million
	<b>SPARE PARTS</b>	10%	--	Rs. 22.501 Million
	<b>TOTAL VALUE OF BID</b>			<b>Rs. 233.101 Million</b>

**Comparison & Position of Bid Security Submitted by the firms are as under:-**

S. #.	Name of Firms	Total Bid Value	Amount required (2.5%)	Amount Deposited
1	Allied Engineering Services Ltd. Karachi.	233,101,000	5,827,525	6,000,000
2	Orient Energy System Pvt. Ltd. Karachi	213,180,000	5,329,500	5,329,500
3	Multiline Enterprises, Lahore	131,175,000	3,279,375	3,300,000

The Procurement Committee observed that the lowest rates were offered by M/s Multiline Enterprises, Lahore for their offered Model i.e. Shantui SD16, 149 HP Chinese make Bulldozers with a total offered price of Rs. 131.175 Million and decided to referred the case to the Purchase committee for further decision.

The meeting ended with vote of thanks.

  
MEMBER / SECRETARY  
PROCUREMENT COMMITTEE

NO. DAE/STORES-964/781 /16

Dated: 28/4 /2016.

**C.C. to:**





- The Director General Agricultural Engineering & Water Management Sindh, Hyderabad for kind information.
- The Additional Secretary (Tech) Agriculture Department Government of Sindh Karachi for kind information.
- PS to Secretary Agriculture Department Government of Sindh, Karachi for kind information.
- Member Procurement Committee \_\_\_\_\_ (All).

  
MEMBER / SECRETARY  
PROCUREMENT COMMITTEE



## ATTENDANCE SHEET

FOR THE MEETING OF THE PROCUREMENT COMMITTEE HELD ON  
28/04/2016 AT 03:00 PM TO OPEN THE FINANCIAL PROPOSAL OF  
THE BIDDING DOCUMENT UNDER ADP SCHEME # 19 "REPLACEMENT  
OF EARTH MOVING MACHINERY PHASE-II" FOR THE PROCUREMENT  
OF CRAWLER TRACTOR 140-150 HP & SPARE PARTS VALUING 10% OF  
DDP PRICE OF CRAWLER TRACTOR IN THE COMMITTEE ROOM OF  
DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD

S. #.	NAME	DESIGNATION	SIGNATURES
01	<b>ABDUL QADIR TAREEN</b>	<b>Director General</b> Agriculture Engineering & Water Management Sindh, Hyderabad	IN CHAIR
02	<b>ABDUL AZIZ CHANNA</b>	<b>Deputy Secretary (Tech)</b> Agriculture, Supply & Prices Department Government of Sindh, Karachi <b>MEMBER</b>	
03	<b>MUSARRAT MOKHTAR</b>	<b>Deputy Director (Development)</b> Industries & Commerce Department, Government of Sindh, Karachi <b>MEMBER</b>	
04	<i>Bashir Ahmed</i>	<b>Representative of</b> District Accounts Officer, Hyderabad <b>MEMBER</b>	
05	<b>ENGR. IRSHAD AHMED ANSARI</b>	<b>Director</b> Agriculture Engineering Sindh Hyderabad <b>MEMBER / SECRETARY</b>	

## LIST OF PARTICIPANTS

1	<b>ABDUL QADIR TAREEN</b> DIRECTOR GENERAL AGRICULTURE ENGINEERING & WATER MANAGEMENT SINDH HYDERABAD	<b>CHAIRMAN</b>
2	<b>ABDUL AZIZ CHANNA</b> DEPUTY SECRETARY (TECH), AGRICULTURE, SUPPLY & PRICES DEPARTMENT GOVERNMENT OF SINDH KARACHI	<b>MEMBER</b>
3	<b>MUSARRAT MOKHTAR</b> DEPUTY DIRECTOR (INSPECTION) INDUSTRIES & COMMERCE DEPARTMENT, GOVERNMENT OF SINDH KARACHI	<b>MEMBER</b>
4	<b>BASHIR AHMED</b> ADDITIONAL DISTRICT ACCOUNTS OFFICER-I DISTRICT ACCOUNTS OFFICE, DISTRICT HYDERABAD	<b>MEMBER</b>
5	<b>ENGR. IRSHAD AHMED ANSARI</b> DIRECTOR AGRICULTURE ENGINEERING SINDH HYDERABAD	<b>MEMBER / SECRETARY</b>

**ANNUAL PROCUREMENT PLAN OF DIRECTORATE AGRICULTURE ENGINEERING SINDH HYDERABAD**  
**FISCAL YEAR 2015-16**

Rs. in Million

Sr. No.	Description of Procurement	Quantity (Where Applicable)	Estimated Unit Cost (Where Applicable)	Estimated Total Cost	Funds Allocated	Source of Funds (ADP / Non-ADP)	Proposed Procurement Method	Timing of Procurement				Remarks
								1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
1	Procurement of Spare Parts, Transporter, Pickup, Bulldozers & Mini Truck Under ADP Scheme "Replacement of Earth Moving Machinery Phase-II"	Various	-	-	120.00	ADP	Single Stage Two Envelope Procedure	-	✓	✓	✓	All Procurement under SPPRA Rules and subjected to the Release of funds.
2	Procurement of Agriculture Implements under ADP Scheme "Subsidy Assistance on Agriculture Implements for Farm Mechanization"	Various	-	-	170.020	ADP	Pre-qualification of Manufacturer / Suppliers	-	✓	✓	✓	All Procurement under SPPRA Rules and subjected to the Release of funds.
3	Procurement of Solar Water Pumps under Scheme "Provision of Solar Water Pump on 50% Subsidy to Farmers"	Various	-	-	253.00	ADP	Single Stage Two Envelope Procedure	-	✓	✓	✓	All Procurement under SPPRA Rules and subjected to the Release of funds.
4	Procurement of Machinery for Training Institute under scheme "Modernization of Training & Research Institute Nareja"	Various	-	-	39.746	ADP	Single Stage Two Envelope Procedure	-	✓	✓	✓	All Procurement under SPPRA Rules and subjected to the Release of funds.

Sr. No.	Description of Procurement	Quantity (Where Applicable)	Estimated Unit Cost (Where Applicable)	Estimated Total Cost	Funds Allocated	Source of Funds (ADP / Non-ADP)	Proposed Procurement Method	Timing of Procurement				Remarks
								1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
5	Installation of Tubewells under ADP Scheme "Installation of Tubewells on 50% Subsidy to farmers in Sindh"	Various	-	-	65.00	ADP	Single Stage Two Envelope Procedure	-	✓	✓	✓	Scheme under Approval
6	Procurement of Bulldozers, Spare Parts Office Equipment, Field Support Unit under Scheme "Replacement of Earth Moving Machinery Phase-II"	Various	-	-	-	ADP	Single Stage Two Envelope Procedure	-	✓	✓	✓	Scheme under Approval

  
 DIRECTOR  
 AGRICULTURE ENGINEERING  
 SINDH HYDERABAD

Tenders

Serial No.

Committee

Text

Sample Documents

Tender Title

Advance Search

Policy Instructions

SPPRA ID

submit

Review Panel

Advertise Date

Black Listed Firms

City

Capacity Building

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 Page 1 Documents Viewed 926741

Complaints

Contract Evaluation Form

Download Statistics

Downloads

Evaluation Reports

FAQ's

Feed Back

Gallery

Notifications

Procurement Plans

Site Statistics

Useful Links

Login

Users Online 21

15-Jan-16 Update  
i Only Letter  
Added 07 Jan  
2016

S.No.	SPPRA ID	Tender Title	Download	Uploaded On	Advertised On	Closing On	Corrigendum	Comment
		Karachi Water and Sewerage Board KWSB						
26980	SPPRA ID WITHHELD	Karachi NIT WITH SBD		15-03-2016	15.Mar.2016	06.Apr.2016		BER, CS, TER Required
26979	SPPRA ID WITHHELD	Agriculture Engineering Hyderabad NIT WITH SBD		15-03-2016	15.Mar.2016	30.Mar.2016		BER, CS, TER Required
		Works & Services Dept. Executive Engineer Highway Division						
26978	SPPRA ID WITHHELD	Tando Allah yar NIT WITH SBD		15-03-2016	15.Mar.2016	04.Apr.2016		BER, CS, TER Required
		Mehran University of Engineering & Technology Jamshoro MUET						
26977	SPPRA ID WITHHELD	JAMSHORO NIT WITH SBD		15-03-2016	15.Mar.2016	05.Apr.2016		BER, CS, TER Required
		Home Dept. Project Director Police & Prisons Works Hyderabad						
26976	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	15.Mar.2016	06.Apr.2016		BER, CS, TER Required
		Home Dept. Project Director Police & Prisons Works Hyderabad						
26975	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	15.Mar.2016	05.Apr.2016		BER, CS, TER Required
		Benazir Bhutto Shaheed Human Resource Research & Development Board Karachi						
26974	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	15.Mar.2016	31.Mar.2016		BER, CS, TER Required
		Board of Revenue Government of Sindh Karachi						
26973	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	14.Mar.2016	29.Mar.2016		BER, CS, TER Required
		Board of Revenue Government of Sindh Karachi						
26972	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	14.Mar.2016	29.Mar.2016		BER, CS, TER Required
		Local Government Dept. District Municipal Corporation Karachi						
26971	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	14.Mar.2016	29.Mar.2016		BER, CS, TER Required
		Karachi Water and Sewerage Board KWSB Karachi						
26970	SPPRA ID WITHHELD	NIT WITH SBD		15-03-2016	14.Mar.2016	05.Apr.2016		BER, CS, TER Required
		Karachi Water and Sewerage Board KWSB						







# MISCELLANEOUS



## DIRECTORATE AGRICULTURE ENGINEERING SINDH HYDERABAD

Telephone: 022-9200059 — www.sindh.gov.pk — www.sindhagri.gov.pk

NO: DAE/STORES-964/416/16

Hyderabad Dated: 09-03-2016

### TENDER NOTICE FOR PROCUREMENT OF CRAWLER TRACTORS

1. Director General Agriculture Engineering & Water Management Sindh Hyderabad invites sealed bids from the authorized agents/dealers/distributors of manufacturers for the supply of Crawler Tractors mentioned below under the approved development project title "Replacement of Earth Moving Machinery Phase-II" on DDP Basis.

NO.	ITEM	QTY.	TENDER FEE
1.	a. Crawler Tractors 140-150 HP b. Spare Parts valuing 10% DDP Price of the Crawler Tractors / Bulldozers	06 Nos.	Rs. 2,000/-

2. It is the intention of the department that the eligible payment under the contract for which this "Invitation of Bid" is issued shall be made through Government of Sindh's own funds. The bids should be submitted in conformity with Clause 46(2) of Sindh Public Procurement Rules-2010 (Amended 2013) i.e. single-stage — two-envelope procedure.

3. The bidding documents can be obtained on written request from the Office of the Director Agriculture Engineering Sindh, Hyderabad during office hours from the date of publication of this notice in newspapers till **30.06.2016** upto **11.00 am** on payment of non-refundable fee mentioned above in form of DD/PO in the name of Director Agriculture Engineering Sindh, Hyderabad. The bidding document can also be downloaded from the websites of SPPRA and Agriculture Department and submitted along with the tender fee as indicated above.

4. All bids must be submitted to the Office of the Director Agriculture Engineering Sindh, Block-B Shahbaz Building, Hyderabad on or before **30.03.2016** upto **12.00 Noon** and the bids shall be opened on the same day at **12:30 pm** in the Committee Room of Director Agricultural Engineering Sindh Hyderabad, 1st Floor, Shahbaz Building, Block B, Sindh, Hyderabad, by the Procurement Committee in presence of bidders or their representatives who may wish to be present. In case the Director General, Agriculture Engineering & Water Management Sindh, Hyderabad, is out of Headquarters, the tender will be submitted and opened on the next day at the same time and place.

5. The bidder should submit a bid security of 2.5% of the total offer along with his proposal in shape of Demand Draft/Pay Order in favour of Director Agriculture Engineering Sindh Hyderabad. Tender submitted without bid security would not be considered.

6. The quantity of items to be procured can be increased/decreased as per SPPRA Rules.

7. The Procuring Agency may reject all or any bid without assigning any reason subject to the relevant provision of SPPRA Rules.

8. All other terms and conditions are mentioned in the bidding documents.

DIRECTOR  
AGRICULTURE ENGINEERING SINDH, HYDERABAD

Say No to Corruption

INF-KRY No. 840/16

## GOVERNMENT OF PAKISTAN PAKISTAN PUBLIC WORKS DEPARTMENT

No.EE/CCD/Nawabshah(SBA)T:N/117

### INVITATION TO BID

Nawabshah

Sealed tenders are invited against the works narrated hereunder from the contractors/firms registered with Pakistan Engineering Council, in appropriate category, possess the valid renewal for the year 2016 with specialized category with CE-01 are eligible to apply. The tender documents can be obtained from the office of the Executive Engineer, Central Civil Division, Pak PWD, Federal Lodge, Society Road, Nawabshah, during office hours on working days latest by **28-03-2016** on production of attested copies of CNIC, NTN, PEC License (renewal 2016) and 2% on NIT amount earnest money of each work in the shape of call deposit in favour of the undersigned. No cheque or Pay order on this account shall be accepted. No tenders will be sold on Date of opening. Tender documents must be reach in the office of the undersigned by **29-03-2016 at 02:00 p.m** and same shall be opened on 02:30 p.m on the same date in the presence of contractors or their representatives (representatives must be provided power of attorney duly attested by the Registrar). Tenders received by Mail, Corier and Fax or telegraphically shall not be entertained. Incompleted, conditional and tenders without required amount of earnest money in the specified form/format shall be rejected. The competent authority in accordance with PPR Rule-33 of 2004 may reject all Bids, all proposals at any time prior to the acceptance of a Bid or proposal.

S. No.	Name of Work	Estimated Cost	Cost of Tender	Earnest Money	Completion Period
<b>Under MDGs Community Development Programme 2015-2016 (NA-211)</b>					
1.	CONSTRUCTION OF METALLED ROAD FROM PIRAL FAQIR MUHALLAH VIA GHULAM MUJTABA KHAN JATOI HOUSE TO MITHANI ROAD U.C NEW JATOI TALUKA MORO DISTRICT NAUSHAHRO FEROZE.	Rs. 9349546/-	Rs. 2000/-	2%	04-Months
2	CONSTRUCTION OF METALLED ROAD FROM MUBARAK BHATTI TO VILLAGE MUKEEM DAHRI U.C KHALSO TALUKA MORO DISTRICT NAUSHAHRO FEROZE	Rs. 7919561/-	Rs. 2000/-	2%	04-Months
3	RE-CONDITIONING OF METALLED ROAD FROM DEBARIA MINOR TO VILLAGE OLD JATOI TALUKA	Rs. 6221321/-	Rs. 2000/-	2%	04-Months

**COMPARATIVE STATEMENT OF FINANCIAL PROPOSAL OFFERED BY BIDDERS AGAINST TENDER NO. DAE/STORES-964/416/16  
DATED 09.03.2016 WAS OPENED ON 28.04.2016 FOR THE PURCHASE OF CRAWLER TRACTORS (140-150 HP) AND 10% SPARE PARTS**

Sr. No.	Description	Qty	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd. Karachi
1	Crawler Tractors 140-150 HP and 10% Spare Parts	06 Nos.	149 HP Shantui Model # SD 16, Chinese Made fitted with Optional Shangchai Diesel Engine # SC11CB184G2B1 / Weichai Diesel Engine # Steyr WD10G178E25 Manufacturer SHANDONG Shantui Construction Machinery IMP & EXP Co. Ltd. Shandong China	CASE Model 1650L, Brazil made fitted with 144 HP F4HFE9684U*J104 TIER 3 Engine Manufacturer Case Brazil	Caterpillar Model D5R2 XL, Thailand made fitted with 153 HP CAT C7.1 ACERT Engine Manufacturer Caterpillar Thailand
			<p><b>Rs. 19,875,000.00 Per Unit (Offered Price)</b>  <b>Rs. 19,775,000.00 Per Unit (Discount Price)</b>  <b>Cost of 06 Nos. Bulldozers</b>  <b>Rs. 118,650,000.00</b></p> <p align="center"><b>1<sup>ST</sup> LOWEST</b></p>	<p><b>Rs. 32,300,000.00 Per Unit.</b>  <b>Cost of 06 Nos. Bulldozers</b>  <b>Rs. 193,800,000.00</b></p> <p align="center"><b>2<sup>nd</sup> LOWEST</b></p>	<p><b>Rs. 35,100,000.00 Per Unit.</b>  <b>Cost of 06 Nos. Bulldozers</b>  <b>Rs. 210,600,000.00</b></p> <p align="center"><b>3<sup>rd</sup> LOWEST</b></p>

  
**(ABDUL QADIR TAREEN)**  
 Director General  
 Agriculture Engineering  
 & Water Management  
 Sindh, Hyderabad  
 CHAIRMAN

  
**(ABDUL AZIZ CHANNA)**  
 Deputy Secretary (Tech)  
 Agriculture, Supply & Prices  
 Department, Government of  
 Sindh, Karachi  
 MEMBER

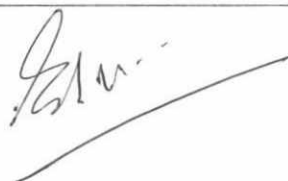
  
**(BASHIR AHMED)**  
 Additional DAO  
 District Accounts Office,  
 Hyderabad  
 MEMBER

  
**(Musarrat Mokhtar)**  
 Deputy Director (Development)  
 Industries & Commerce  
 Department,  
 Government of Sindh, Karachi  
 MEMBER

  
**(ENGR. IRSHAD AHMED ANSARI)**  
 DIRECTOR  
 Agriculture Engineering Sindh  
 Hyderabad  
 Member / Secretary

## Bid Evaluation Report

Name of Procuring Agency	<u>Agriculture, Supply &amp; Prices Department, Government of Sindh, through Directorate Agriculture Engineering, Sindh, Hyderabad</u>
Tender Reference No:	TENDER NO. DAE/STORES-964/416/16 DATED 09.03.2016
Tender Description/Name of work/item	<b><u>PROCUREMENT OF:-</u></b> a. Crawler Tractor 140-150 HP. (06 Nos.) Under ADP Scheme # 19 " <b>Replacement of Earth Moving Machinery Phase II</b> "
Method of Procurement	<u>As per Sindh Public Procurement Regulatory Authority Rules 2010.(amended 2013)</u>
Tender Published	<b><u>Tender Notice was published in Newspapers:-</u></b> <ul style="list-style-type: none"><li>▪ Daily Dawn dt: 14.03.2016</li><li>▪ Daily Express dt: 13.03.2016</li><li>▪ Daily Beopaar dt: 16.03.2016</li><li>▪ Daily City News dt: 15.03.2016</li></ul>
Total Bid documents Sold	Six (06) Bid documents were purchased by the following:- <ol style="list-style-type: none"><li>1. M/s Orient Energy System, Karachi.</li><li>2. M/s Multiline Enterprises, Lahore.</li><li>3. M/s Allied Engineering Services, Karachi.</li><li>4. M/s Orient Energy System, Karachi</li><li>5. M/s Agri Pak International, Karachi</li><li>6. M/s Greaves Pakistan Pvt. Ltd. Karachi.</li></ol>
Total Bids Received:	Five (05) bids documents were submitted by the following firms:- <ol style="list-style-type: none"><li>1. M/s Orient Energy System, Karachi. (HBXG)</li><li>2. M/s Multiline Enterprises, Lahore. (Shantui)</li><li>3. M/s Allied Engineering Services, Karachi. (Caterpillar)</li><li>4. M/s Orient Energy System, Karachi (Case)</li><li>5. M/s Greaves Pakistan Pvt. Ltd. Karachi. (HBXG)</li></ol>
Technical Bid Opening date:	30.03.2016.
No. of Bid technically qualified	<ol style="list-style-type: none"><li>i. M/s Multiline Enterprises, Lahore.</li><li>ii. M/s Allied Engineering Services, Karachi.</li><li>iii. M/s Orient Energy System Pvt. Ltd. Karachi.</li></ol>
Bid(s) Rejected	<b><u>M/s Greaves Pakistan Pvt. Ltd. Karachi (HBXG Model T-140-1)</u></b> <ul style="list-style-type: none"><li>- The firm has not provided any Bulldozer in Pakistan yet, so the Population of offered Bulldozers in Pakistan is Nil. The offered machine i.e. T-140-1 has an obsolete Transmission System i.e. lever operated.</li><li>- Engine Performance Test Report for the offered Model is not provided.</li></ul>





- The firm do not have backup support and experience, particularly to maintain the offered model bulldozers.
- XUANHUA Construction Company did not confirm their Authorization letter to M/s Greaves Pakistan Pvt. Ltd. Karachi, and also issued similar authorization to M/s Orient Energy System Pvt. Ltd. Karachi

**M/s Orient Energy System Pvt. Ltd. Karachi (HBXG Model SD6G-1)**

- The firm has not provided the offered Bulldozers in Pakistan.
- Engine Performance Test Report for the offered Model not provided.
- XUANHUA Construction Company did not confirm their Authorization letter to M/s Orient Energy System Pvt. Ltd. Karachi, and also issued similar authorization to M/s Greaves Pakistan Pvt. Ltd. Karachi.

Financial Bid Opening date

28/04/2016.

**12. Bid Evaluation Report:**

S #	Name of Firms	Make & Model	Country of manufacturing	Manufacturer
1	M/s Multiline Enterprises, Lahore.	Shantui Model # SD-16, fitted with weichai Diesel Engine WD10G178E25	China	XUANHUA CONSTRUCTION MACHINERY CO. LTD CHINA
2	M/s Orient Energy System Pvt. Ltd. Karachi	CASE Model 1650L, Brazil made fitted with 144 HP F4HFE9684U*J104 TIER 3 Engine	Brazil	Case Manufacturer Brazil
3	M/s Allied Engineering Services Pvt. Ltd. Karachi.	Caterpillar Model D5R2 XL, Thailand made fitted with 153 HP CAT C7.1 ACERT Engine	Thailand	Caterpillar Manufacturer Thailand

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Multiline Enterprises, Lahore. Shantui SD16 149 HP	Rs. 19,775,000 Per Unit	1 <sup>st</sup> Lowest	Rs.26,000,000/- Per unit cost	Offer is lowest then estimated cost in PC- I	Lowest bid accepted
2	M/s Orient Energy System Pvt. Ltd. Karachi Case 1650L 144 HP	Rs. 32,300,000 Per Unit	2 <sup>nd</sup> lowest	Rs.26,000,000/- Per unit cost	Offer is higher then estimated cost in PC- I	Higher bid rejected


*[Handwritten Signature]*

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
3	M/s Allied Engineering Services, Karachi. Caterpillar D5R2 XL 153 HP	Rs. 35,100,000/- Per Unit	3 <sup>rd</sup> Lowest	Rs.26,000,000/- Per unit cost	Offer is higher then estimated cost in PC-I	Higher bid rejected


**SIGNATURES OF THE MEMBERS OF THE PROCUREMENT COMMITTEE.**

  
**(ABDUL QADIR TAREEN)**  
 Director General  
 Agriculture Engineering  
 & Water Management  
 Sindh, Hyderabad  
 CHAIRMAN

  
**(ABDUL AZIZ CHANNA)**  
 Deputy Secretary (Tech)  
 Agriculture, Supply & Prices  
 Department, Government of  
 Sindh, Karachi  
 MEMBER

  
**(BASHIR AHMED)**  
 Additional District Accounts Officer-i  
 District Accounts Office,  
 Hyderabad  
 MEMBER

  
**(Musarrat Mokhtar)**  
 Deputy Director (Development)  
 Industries & Commerce  
 Department,  
 Government of Sindh, Karachi  
 MEMBER

  
**(ENGR. IRSHAD AHMED ANSARI)**  
 DIRECTOR  
 Agriculture Engineering Sindh  
 Hyderabad  
 Member / Secretary



**SCHEDULE OF QUALIFICATION OF BIDDERS/TENDERERS**

S. No.	Information to be supplied	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi
1.	Name of the Authorized Agent of the Bulldozer Manufacturer nominated for Pakistan and business address	Multiline Enterprises, 64-Ahmed New Block Garden Town Lahore	Orient Energy System Pvt. Ltd. Plot # 9, Sector 22, Korangi Industrial Area, Karachi	Greaves Pakistan Pvt. Ltd. Modern Motors House, Beaumont Road, PO Box 4908, Karachi	Allied Engineering Services Pvt. Ltd. Karachi 21/3, Sector 22, Korangi Industrial Area, Karachi	Orient Energy System Pvt. Ltd. Plot # 9, Sector 22, Korangi Industrial Area, Karachi
2.	Legal status of the Bidder/Tenderer. (Company / Partnership)	Importer	Private Limited	Private Limited	Private Limited	Private Limited
3.	Certificate from the Bulldozer Manufacturer certifying the nomination of the Bidder/Tenderer as Authorized Sole Agent with year of nomination and current year's renewal agreement.	Provided	Provided	Provided	Provided	Provided
4.	Registered with Income Tax, Sales Tax Department and Securities and Exchange Commission of Pakistan (SECP)	Provided	Provided	Provided	Provided	Provided
5.	Name and address of the quoted Bulldozer Manufacturer.	SHANDONG SHANTUI CONSTRUCTION COMPANY LIMITED	XUANHUA CONSTRUCTION MACHINERY CO LTD. CHINA	XUANHUA CONSTRUCTION MACHINERY CO LTD. CHINA	Caterpillar Bangkok Thailand.	CASE CONSTRUCTION, CNH INTERNATIONAL PARADISO - LUGANO
6.	Names, qualification and experience of the service engineers and technicians. Location where they are posted / working provide complete address and detail of equipment and machinery. Details of service center /workshops to provide the repair and after sale services in Sindh (Location, Address, Telephone numbers to be provided)	Provided	Provided	Provided	Provided	Provided

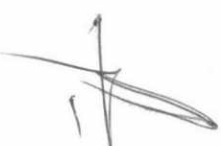
5.	Information to be supplied	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi
7.	Reference list of similar works done by the Bidder/Tenderer indicating the name of customer, description and quantity of products, year of supply.	Provided	Provided	Provided	Provided	Provided
8.	Performance certificate from the Organization in Government or private companies to whom the bidder or the company has supplied the similar kind goods in Pakistan or abroad.	Provided	Provided	Provided	Not Provided	Provided
9.	Bank reference, name of banks and address may be given. The Banker's certificate regarding financial capability of the Bidder/Tenderer shall be furnished.	Provided / Auditor Report Provided	Provided	Audit Report Provided	Provided	Provided
10.	Details of similar nature projects under execution.	Provided	Not Provided	Not Provided	Provided	Many cases under consideration
11.	Whether appointed as Local Authorized Agent by the Bulldozer's Manufacturer	Provided	Provided	Provided	Provided	Provided
12.	Population of Offered Bulldozer in Pakistan	Provided	Not supplied in Pakistan	Not Provided	Not Provided	Provided
13.	Whether registered with concerned Tax Authorities	Provided	Provided	Provided	Provided	Provided
14.	Whether registered with Securities and Exchange Commission of Pakistan (SECP)	Provided	Provided	Provided	Provided	Provided











5. No.	Information to be supplied	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi
15.	Whether a Certificate from the manufacturer Confirming to supply quoted make/Model of Bulldozer. Prescribed Schedule of Delivery attached?	Provided	Provided	Provided	Provided (Confirmed by the firms it-self).	Provided
16.	Whether HP of the quoted Bulldozer is Within prescribed limit (140-150 HP)	Net 149 HP	Net 140 HP	Net 139.41 HP	Net 153 HP	Net 144 HP
17.	Whether Bid Security in shape of Demand Draft / Pay Order is attached?	To be Provided in Financial Proposal	To be Provided in Financial Proposal	To be Provided in Financial Proposal	To be Provided in Financial Proposal	To be Provided in Financial Proposal
18.	Whether 'Financial Proposal' attached with the bid?	Provided	Provided	Provided	Provided	Provided

**ABDUL AZIZ CHANNA**

DEPUTY SECRETARY (TECH)  
Agriculture, Supply & Prices Department,  
Government of Sindh, Karachi

**MUSSRRAT MOKHTAR**

DEPUTY DIRECTOR (DEVELOPMENT)  
INDUSTRIES & COMMERCE DEPARTMENT,  
Government of Sindh, Karachi

REPRESENTATIVE OF (RASHID AHMED)  
DISTRICT ACCOUNTS OFFICER, ADDO-1  
HYDERABAD

**ENGR. IRSHAD AHMED ANSARI**  
DIRECTOR,

AGRICULTURE ENGINEERING SINDH,  
HYDERABAD

**ABDUL QADIR TAREEN**

DIRECTOR GENERAL  
AGRICULTURE ENGINEERING & WATER  
MANAGEMENT SINDH, HYDERABAD

**EVALUATION CRITERIA (TECHNICAL-B)**

**Annexure B**

Sr. No.	Salient Features	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi
1.	Matching with the prescribed specifications					
a)	Engine					
i)	Pl attach engine performance test report from accredited test lab/institution in accordance with SAE J1349 or equivalent standards, OEM authorization for engine manufacturing and valid licensing agreement, if applicable	Responsive	Non-Responsive	Non Responsive provided for different model	Responsive	Responsive
b)	Undercarriage					
i)	Undercarriage comprises of Track Link Assembly (L & R), Shoe Plates with nuts & bolts, Track Rollers (single & double flange), Carrier Rollers, Idler Wheels, Sprocket segment.	Responsive	Responsive	Responsive (HBXG / Shantui )	Responsive	Responsive
ii)	Track should be compatible with the model offered.	Responsive	Responsive	Responsive	Responsive	Responsive
iii)	For undercarriage system minimum warranty for 2000 hours is required.	Responsive	Responsive	Responsive	Responsive	Responsive
c)	Blade					
i)	Angle	Yes	Yes	Yes	Yes	Yes
ii)	Blade Capacity (m <sup>3</sup> )	4.3	4.5	4.1	3.15	3.15
2.	Average annual volume of sales of the Bulldozer by the Bidder/Tenderer (Local Authorized Sole Agent) for the last five years:- Attach certified copies of the Financial Statements.	Responsive	Responsive	Non-Responsive	Responsive	Responsive
3.	Provision of After Sales Services (Bidder/Tenderer to attach existing facilities available with all human and technical resources after Sales Services in conformity with Clause 7 of Section III - to be made part of the Contract Agreement)	Responsive	Responsive	Responsive	Responsive	Responsive

Sr. No.	Salient Features	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi
4.	End user report about performance of similar kind of Bulldozer supplied to any Government or private organization locally or abroad.	Responsive	Non-Responsive	Responsive Provided but other model	Responsive	Responsive



**ABDUL AZIZ CHANNA**

DEPUTY SECRETARY (TECH)  
Agriculture, Supply & Prices Department,  
Government of Sindh, Karachi



**MUSSRRAT MOKHTAR**

DEPUTY DIRECTOR (DEVELOPMENT)  
INDUSTRIES & COMMERCE DEPARTMENT,  
Government of Sindh, Karachi



REPRESENTATIVE OF (BASMA AHMED)

DISTRICT ACCOUNTS OFFICER, ADAO-1  
HYDERABAD

**ENGR. IRSHAD AHMED ANSARI**  
DIRECTOR,

AGRICULTURE ENGINEERING SINDH,  
HYDERABAD

**ABDUL QADIR TAREEN**  
DIRECTOR GENERAL

AGRICULTURE ENGINEERING & WATER  
MANAGEMENT SINDH, HYDERABAD

# COMPARISON OF SCHEDULE OF TECHNICAL SPECIFICATIONS FOR THE PROCUREMENT OF CRAWLER TRACTORS 140-150 HP AND 10% SPARE PARTS

DESCRIPTION	M/s Multiline Enterprises Lahore	M/s Orient Energy System Pvt. Ltd. Karachi	M/s Greaves Pakistan Pvt. Ltd. Karachi	M/s Allied Engineering Services Pvt. Ltd Karachi	M/s Orient Energy System Pvt. Ltd. Karachi		
MANUFACTURER	SHANTUI	HBXG	Karachi XUANHUA CONSTRUCTION MACHINERY CO. LTD	CATERPILLAR	CASE		
MAKE / MODEL	SD16	SD6G-1	HBXG / T140-1	DSR2 XL	1650L		
COUNTRY OF ORIGIN	CHINA	CHINA	CHINA	THAILAND	Brazil		
<b>1. ENGINE: Komatsu, Caterpillar, John Deere, CNH, Cummins, Case or at least equivalent, in case of equivalent product kindly attach original equivalency certificate of manufacturer indicating comparison in terms of wear &amp; tear, performance, fuel economy, etc and equivalent ISO standards along with a certified copy of SAE / ISO certification issued for the offered engine model).</b>							
<b>SHANGCHAI / WEICHAI</b>							
<b>CATERPILLAR</b>							
<b>FPT (a company of CNH)</b>							
i.	Make and Model	Shanghai SC11CB184G2B1 Cat Technology	Weichai WD10G178E25 Steyr Technology	C6121 C16121ZG01	Weichai WD10G178E25	CAT C7.1 ACERT	FAHFE9684U*J104 TIER 3
ii.	Type: Turbo charged, Water cooled 4- stroke/cycle diesel engine; direct injection; with crank case shield	Yes	Yes	Yes	Yes	COMPLY	COMPLY
iii.	Net Engine Output at rated rpm –	147.45 HP at 1850 RPM Shanghai 1850 RPM Weichai	150 HP @ 1900 rpm	104 kw (1800 rpm) 139.41 hp	153 HP at 2200 rpm 174 HP at 1700 rpm	144 HP @ 2000	
a.	Gross HP	181 HP (135 kW) Shanghai 178 HP Weichai	160 HP in tender 1900 rpm	156 HP @ 1800 rpm	189 HP at 1700 rpm	156 HP @ 2000	
b.	Net HP	149.6 HP Shanghai (110 kw) 148 HP Weichai	140 HP with C6121 C16121ZG01	140 HP Engine	153 HP at 2200 rpm 174 HP at 1700 rpm	144 HP @ 2000	
iv.	Number of Cylinders:	06 Cylinder Shanghai 06 Cylinder Weichai	6	6	6	6	
a.	Displacement cubic mm / Liter	10.5 Liter Shanghai 9.726 Liter Weichai	10.5 Liter	9.726 Liter	7.1 Liter	6.7 Liters	
b.	Bore Diameter (mm)	121 mm Shanghai 126 mm Weichai	121 mm	126 mm	105 mm	104 mm	
c.	Length of Stroke (mm)	152 mm Shanghai 130 mm Weichai	152 mm	130 mm	135 mm	132 mm	
v.	Air Cleaning System – quote	Dry type with dust indicator Shanghai Dry type with dust indicator Weichai	TWO STAGE	Tertiary & Dry	Dual Stage	Dual Element Radial Seal	



vi.	Electrical System 24V or quote	24 V Shanghai 24 V Weichai	24 V	24 V	24 V	24 V	
vii.	Alternator Amperage.	27 A Shanghai 27 A Weichai	55 A	55A	115 A Brochure	65 A	
viii.	Specific Fuel Consumption (g/kw-h) or L/Hour	235 g.kw/h Shanghai 215 g.kw/h Weichai	215 g/kwh	218 g/kwh	15-1 Liter/hour	215 g/kwh (Chart is indicating)	
ix.	Maximum Torque (N-m) and Torque backup (%)	764 N.m & 20.7% Shanghai 764 N.m & 20.7% Weichai	688 Nm / 20%	830 Nm / 20%	840 Nm at 1400 rpm	Gross 690 Nm @ 1400 rpm	
x.	Engine Lubrication System and recommended grade of oil	Gear Pump, Forced Lubrication & SAE10W-30 CF-4 Shanghai Gear Pump, Forced Lubrication & SAE10W-30 CF-4 Weichai	10W/CD engine oil	15 W/40CD Or 15W/40CF	N/A	Gear Pump with Oil-15w 40	
<b>2. i) TRANSMISSION</b>							
a.	Transmission type: detail may be provided.	Planetary gear and torque flow transmission hydraulically actuated forced lubrication	Power shift	Meshed helical gear drive, coupling sleeve shift and two lever operation	Planatory Power shift	Hydrostatic	
b.	Maximum Traveling Speed (km/hr)	12.53 km/hr	10.8 km/h	10.61 Km/Hr	10.1 Km/Hr	9.7 Km/hr	
c.	Forward 3 or more	3	3	5	03	10	
d.	Reverse 3 or more	3	3	4	03	04	
e.	Climbing Angle (degrees)	30°	30/25	30/25		45°	
<b>ii) STEERING AND BRAKING TYPE (Specify)</b>							
		Steering Type: Wet Multiple Disc, coned disc spring loaded, hydraulically actuated, hand operated, inter-connected with steering brake, Brake Type: Wet, contracting band, foot operated with hydraulic booster	Band type, floating braking	Steering Multiple disc oil power metallurgy disc compressed by spring, hydraulic operated braking; brake is oil two direction floating band brake operated by mechanical foot pedal compressed by spring and hydraulic operated steering clutch, oil two direction floating band brake operated by mechanic front pedal braking clutch	Differential Electronic controlled	Hydrostatic	
<b>3. HYDRAULIC CONTROL SYSTEM (Specify)</b>							
i.	Type of hydraulic control system	Mechanical	Gear Type	Direct drive	Electronic	Hydraulic Gear pump with Electro hydraulic Control	
ii.	Hydraulic Pump output at rated rpm -	227 L/min	167L/1900 RPM	100 L / min	135 L/min	132 L / min @ 2200 rpm	
iii.	Type and grade Hydraulic Oil (Specify)	SAE10W-30 CF-4	10W/30CD	15 W / 40 CD or	NA	Industrial Hydraulic Fluid Recommended for wide Temp	

*Handwritten signature*

*Handwritten signatures and initials*



a. One set of tools with each unit of bulldozer - (specify)	Yes	Yes	Yes	Comply	Comply
b. Diagnostic Software (if any)	No.	No.	No		Built in with Panel
ACCESSORIES					
All standard accessories to be offered - (specify)	Yes	Yes	Yes	Comply	Comply
<b>SPARES PARTS (list to be provided with Financial Proposal)</b>					
i) Attach Priced List of All Spare Parts	Comply	Comply	Comply	Comply	Comply
ii) Attach list of recommended spare parts equivalent to 10% of DDP value of the bulldozers.	Comply	Comply	Comply	Comply	Comply
Undercarriage comprises of Track Link Assembly (L & R), Shoe Plates with nuts & bolts, Track Rollers (single & double flange), Carrier Rollers, Idle Wheels, Sprocket segment.	Comply	Comply	Comply	Comply	Comply
Track should be compatible with the model offered.	Comply	Comply	Comply	Comply	Comply
For undercarriage system minimum warranty for 2000 hours is required.	Comply	Comply	Comply	Comply	Comply
The Supplier should provide Brochure of Machine indicating the detailed Technical Specification for the Confirmation offer.	Comply	Colour Print of Brochure is attached with Technical bid.	Comply	Comply	Colour Print of Brochure is attached with Technical bid.
The supplier should provide Engine Test Run/Performance report and certification.	Comply	Not Comply	Provided but other Model of Engine	Comply	Comply

**ABDUL AZIZ CHANNA**

DEPUTY SECRETARY (TECH)

Agriculture, Supply & Prices Department,

Government of Sindh, Karachi

**MUSSRRAT MOKHTAR**

DEPUTY DIRECTOR (DEVELOPMENT)

INDUSTRIES & COMMERCE DEPARTMENT,

Government of Sindh, Karachi

REPRESENTATIVE OF (BASIR AHMED)

DISTRICT ACCOUNTS OFFICER, HDNO-1

HYDERABAD

**ENGR. IRSHAD AHMED ANSARI**

DIRECTOR,

AGRICULTURE ENGINEERING SINDH,

HYDERABAD

**ABDUL QADIR TAREEN**

DIRECTOR GENERAL

AGRICULTURE ENGINEERING & WATER MANAGEMENT

SINDH, HYDERABAD