



**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

No: DAE/Stores -956/ 831 /14
Hyderabad dated: 20-05-2014

To,

→ The Manager Enforcement-II,
Sindh Public Procurement Regulatory Authority,
KARACHI

Subject: **NIT REF NO: DAE/STORES-956/1813/13 DATED 21.11.2013 (INF KRY NO: 2777/13)
REQUEST FOR PERMISSION OF NEGOTIATION**

Reference: Dir(Enf-II) Agr-07/SPPRA/2-1/13-14/6958 Karachi dated 14.05.2014.

Please refer your office letter No. captioned above on subjected matter, the Para wise comments are as under:-

i. **The complaints were filed on 01.03.2014 and 20.03.2014 and Procuring Agency was required to decided the matter within seven days in terms of Rule-31(5) of SPP Rules 2010 whereas the decision has been taken after lapse of about two months by the Complaint Redressal Committee to cancel the NIT due to expiry of bid validity and appreciation of rupee against dollar.**

- SPPRA vide letter No. Dir(Enf-II)Agri-07/SPPRA/2-1/13-14/5554 dated 24.03.2014 forwarded complaints of the complainants and advised the department to proceed under Rule 31 of SPP Rules 2010 and place the complaint before Complaint Redressal Committee. At that time, Chairman, Complaint Redressal Committee / Director General, Agriculture Engineering & Water Management was out of country (from 19.03.2014 to 07.04.2014). The matter was deliberated by the Complaint Redressal Committee on 11.04.2014. two members of the Committee, other than department of Agriculture Engineering & Water Management pointed out that the procurement is highly technical and it would require detailed study. Subsequently meetings of the Committee were held on 15th, 21st and 24th April 2014. The members finalized their deliberations on 24th April 2014. Report of the Committee was prepared and submitted on 06.05.2014. The delay in finalization of report was beyond the control of the committee, however regretted.

ii. **The Procuring Agency may have continued the procurement proceedings under Rule-31(7) of SPP rules 2010 except award of the contract. But procuring agency neither furnished Bid Evaluation Report for hoisting on SPPRA's website nor decided the matter within stipulated time, which shows lack of understanding and inaction on the part of Procuring Agency.**

- The Bid Evaluation Report was not hoisted on the SPPRA website as the complaints were forwarded by SPPRA on 24.03.2014. one of the complainants was M/s Shahnawaz Pvt. Ltd. Karachi, who challenged the validity period. Further, SPPRA vide letter No. Dir(Enf-II)Agr-07/SPPRA/2-1/13-14/5554 Karachi dated 24.03.2014 directed that contract shall not be awarded till finalization of the report of Complaint Redressal Committee. The Complaint Redressal Committee also deliberated on the issue in its report detail.

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iii. 2nd Reason of recommendation for cancellation of NIT, mentioned as appreciation of rupee against US\$ does not seem a valid reason as according to the terms and condition of contract mentioned in the bidding document the currency payment is in Pak Rs. and other currencies will be converted in the Pak Rs. at the value fixed at the time of contract.

- The bid offered by the firm is in Pak Rupee, therefore the question of conversion of currency into Pak Rupee does not arise. Further at the time of bid submission, one US Dollar was equal to Rs. 106.38 and till the finalization and submission of bid evaluation report, Pak rupee appreciated considerable against US Dollar to Rs. 98.26. In case of considering the rate of US Dollar at the time of submission of bids, the benefit of Rupees 40 million would have gone in favour of the bidder instead of Government exchequer. The SPPRA vide letter No. Dir(Enf-II)Agr-07/SPPRA/2-1/13-14/5408 dated 19.03.2014 communicated that "Regarding cancellation of the NIT and re-tender under Rule-25 & 26 of the SPP Rules 2010, this Authority is of the opinion that the Procuring Agency may resort to this option, if it is satisfied that the price(s) of the item to be procured substantially reduced and re-tendering will bring value for money".

iv. Constitution of Complaint Redressal Committee is not inline with Rule-31(1) of SPP Rules 2010 as it consists upon even number of members.

- The constitution of Complaint Redressal Committee is in line with Rule 31 (1) of SPP Rules 2010 and comprising of odd numbers of members i.e. five (05) however, the concerned Director, Agriculture Engineering also participated in the proceedings of the Complaint Redressal Committee being custodian of the record (Copy attached).

v. Name of Representative of Accountant General Sindh is not mentioned alongwith his signature.

- The name of the representative of Accountant General Sindh is Muhammad Jameel, Senior Auditor.
- a) The clarification on account of delay in deciding the complaint by the Complaint Redressal Committee with in prescribed time limit mentioned at Para 1 above.
- b) The complainants were informed about the decision of Complaint Redressal Committee vide this office letter No. DAE/Stores-956/742/14 dated 06.05.2014 (Copy attached as Annexure A).
- c) Copy of cancellation order attached as Annexure "B".
- d) Copy of the Complaint Redressal Committee Notification is attached as Annexure "C".


DIRECTOR

CC to:-

- The Director General, Agriculture Engineering & Water Management, Sindh Hyderabad for kind information.
- The Additional Secretary (Tech), Agriculture, Supply & Price Department, Government of Sindh, Karachi for kind information.


DIRECTOR



**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

No: DAE/Stores-956/ 742 /14
Hyderabad dated: 6/5/2014

To,

- i. M/s Multiline Enterprises,
LAHORE
- ii. M/s Shahnawaz Pvt. Ltd.
KARACHI

Subject: **NIT REF: NO: DAE/STORES-956/1813/13 DATED 21.11.2013 (INF KRY 2777/13 -
DECISION OF COMPLAINT REDRESSAL COMMITTEE.**

On your complaints, the Complaint Redressal Committee in its meeting held on 24.04.2014 has decided as under:-

- i. The Complaint Redressal Committee concluded that even after the expiry of extended bid validity the bid evaluation report is not yet finalized and hoisted on the website of SPPRA and advice the department to proceed further as per SPPRA Rules.
- ii. The SPPRA vide letter No. Dir(Enf-II)Agr-07/SPPRA/2-1/13-14/5408 dated 19.03.2014 communicated that:

“Regarding cancellation of the NIT and re-tender under Rule-25 & 26 of the SPP Rules 2010, this Authority is of the opinion that the Procuring Agency may resort to this option, if it is satisfied that price(s) of the item to be procured substantially reduced and re-tendering will bring value for money”.

Complaint Redressal Committee agrees with the opinion of SPPRA as the US Dollar conversion rate was around Rs. 106.38 at the time of tender submitted by the bidders. At present the conversion rate of US Dollar Rs. 98.26. Thus the price of the items to be procured is substantially reduced to around Rs. 40.00 million. It is therefore recommended that the department may proceed as per Rule-25 & 26 of the SPP Rules, 2010.

DIRECTOR

AGRICULTURE ENGINEERING SINDH
HYDERABAD

CC to:-

- The Director General, Agriculture Engineering & Water Management, Sindh Hyderabad for kind information.
- The Additional Secretary (Tech), Agriculture, Supply & Price Department, Government of Sindh, Karachi for kind information.
- Manager (Enforcement-II), SPPRA, Karachi for information.

DIRECTOR

AGRICULTURE ENGINEERING SINDH
HYDERABAD



Annex-B

**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

OFFICE ORDER

The tender No. DAE/Stores-956/1813/13 dated 21.11.2013, regarding procurement of Crawler Tractors 140-150 HP and Spare parts valuing 10% is hereby cancelled with immediate effect on the recommendation of Complaint Redresal Committee.


**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

No: DAE/Stores -956/ 820 /14

Hyderabad dated: 16-05-2014.

Copy f.w.c. to:

- Director General, Agriculture Engineering & Water Management Sindh Hyderabad for kind information.
- Additional Secretary (Tech), Agriculture, Supply & Price Department, Government of Sindh, Karachi for kind information.
- Manager (Enforcement-II), SPPRA, Karachi for information.
- M/s Multiline Enterprises, Lahore.
- M/s Shahnawaz Pvt. Ltd. Karachi.
- M/s Allied Engineering Services Pvt. Ltd. Karachi.
- M/s Orient Energy System Pvt. Ltd. Karachi.
- PS to Secretary, Agriculture, Supply & Price Department, Government of Sindh, Karachi.


**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**



Ph. No. 99212050
 Fax No. 99211805
 Email: info@sindhagri.gov.pk
 www.sindhagri.gov.pk

**GOVERNMENT OF SINDH
 AGRICULTURE DEPARTMENT**

Karachi dated the 22nd March, 2013

NOTIFICATION

No. 13(347)S.O(DEV): In compliance with Rule 31 of SPP Rules, 2010, Government of Sindh, Agriculture Department is pleased to constitute a Committee for Complaint Redressal with following composition and Terms of Reference:-

- | | | |
|----|---|----------|
| 1) | Director General
Agriculture Engineering & Water Management Sindh | Chairman |
| 2) | Additional Secretary (Technical)
Agriculture Department, Government of Sindh | Member |
| 3) | Director
Plant Protection, Agriculture Extension Sindh | Member |
| 4) | Mr. Rajab Ali Shaikh, Retired
Deputy Director, Industries Department | Member |
| 5) | Representative
Office of the Accountant General Sindh | Member |

T.O.R.

- 1) Committee may examine the complain of bidder as per SPPRA Rules.
- 2) The Complaint Redressal Committee upon receiving a complaint from an aggrieved bidder may, if satisfied:
 - a. Prohibit the procurement committee from acting or decision in a manner, inconsistent with these rules and regulations;
 - b. Annul in whole or in part, any authorized act or decision of the procurement committee; and
 - c. Reverse any decision of the procurement committee or substitute its own decision for such a decision;
Provide that the Complaint Redressal Committee shall not make any decision to award this contract.
- 3) The committee shall announce its decision within seven days. The decision shall be intimated to the bidder and the Authority within three working days by procuring agency. In case of failure of the committee to decide the complaint, the procuring agency shall not award the contract.
- 4) The procuring agency shall award the contract after the decision of the Complaint Redressal Committee.
- 5) Mere fact of lodging of a complaint shall not warrant suspension of the procurement proceedings.

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


(2)

No: 13(347)S.O(DEV)

Karachi dated the 22nd March, 2013

A copy is forwarded to the following:-

1. The Principal Secretary to Governor Sindh, Karachi
2. The Principal Secretary to Chief Minister Sindh, Karachi
3. The Account General Sindh, Karachi
4. The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi
5. The Additional Secretary (Staff), to Chief Secretary Sindh
6. Director General, AE&WM, Hyderabad
7. Director General, Agri. Extension Sindh, Hyderabad
8. The Director General, Agri. Research Sindh, Tandojam
9. The Managing Director, Sindh Seed Corporation, Hyderabad.
10. Cane Commissioner Sindh, Hyderabad
11. Director Information, Agriculture Extension, Hyderabad.
12. Members of the committee
13. P.S. to Minister for Agriculture Sindh, Karachi
14. P.S. to Secretary Agriculture, Govt. of Sindh, Karachi.



(ABDUL AZIZ CHANNA)
DEPUTY SECRETARY (TECH)

Handwritten notes:
A 22/3
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**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

OFFICE ORDER

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**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

No: DAE/Stores -956/ ~~820~~ /14

Hyderabad dated: 16-05-2014

Copy f.w.c. to:

- Director General, Agriculture Engineering & Water Management Sindh Hyderabad for kind information.
- Additional Secretary (Tech), Agriculture, Supply & Price Department, Government of Sindh, Karachi for kind information.
- • Manager (Enforcement-II), SPPRA, Karachi for information.
- M/s Multiline Enterprises, Lahore.
- M/s Shahnawaz Pvt. Ltd. Karachi.
- M/s Allied Engineering Services Pvt. Ltd. Karachi.
- M/s Orient Energy System Pvt. Ltd. Karachi.
- PS to Secretary, Agriculture, Supply & Price Department, Government of Sindh, Karachi.

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**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

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**DIRECTORATE
AGRICULTURE ENGINEERING
SINDH HYDERABAD**

022-9200059
director.dae@gmail.com

No: DAE/Stores-956/ 742 /14
Hyderabad dated: 6/5/2014

To,

- i. M/s Multiline Enterprises,
LAHORE
- ii. M/s Shahnawaz Pvt. Ltd.
KARACHI

Subject: **NIT REF: NO: DAE/STORES-956/1813/13 DATED 21.11.2013 (INF KRY 2777/13 -
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- i. The Complaint Redressal Committee concluded that even after the expiry of extended bid validity the bid evaluation report is not yet finalized and hoisted on the website of SPPRA and advice the department to proceed further as per SPPRA Rules.
- ii. The SPPRA vide letter No. Dir(Enf-II)Agr-07/SPPRA/2-1/13-14/5408 dated 19.03.2014 communicated that:

"Regarding cancellation of the NIT and re-tender under Rule-25 & 26 of the SPP Rules 2010, this Authority is of the opinion that the Procuring Agency may resort to this option, if it is satisfied that price(s) of the item to be procured substantially reduced and re-tendering will bring value for money".

Complaint Redressal Committee agrees with the opinion of SPPRA as the US Dollar conversion rate was around Rs. 106.38 at the time of tender submitted by the bidders. At present the conversion rate of US Dollar Rs. 98.26. Thus the price of the items to be procured is substantially reduced to around Rs. 40.00 million. It is therefore recommended that the department may proceed as per Rule-25 & 26 of the SPP Rules, 2010.

**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

CC to:-

- The Director General, Agriculture Engineering & Water Management, Sindh Hyderabad for kind information.
- The Additional Secretary (Tech), Agriculture, Supply & Price Department, Government of Sindh, Karachi for kind information.
- Manager (Enforcement-II), SPPRA, Karachi for information.

**DIRECTOR
AGRICULTURE ENGINEERING SINDH
HYDERABAD**

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REPORT OF THE COMPLAINT REDRESSAL COMMITTEE ON THE COMPLAINT OF M/S MULTILINE ENTERPRISES LAHORE AND M/S SHAHNAWAZ PVT. LTD. KARACHI REGARDING PROCUREMENT OF 15 NOS. CRAWLER TRACTORS - 24/04/2014

The Sindh Public Procurement Regulatory Authority vide letter No. Dir(Enf-II)Agr-07/SPPRA/2-1/13-14/5554 dated 24.03.2014 advice to proceed under Rule 31 of SPPRA Rules 2010 and place the Complaint before the Complaint Redressal Committee and intimate the decision of Complaint Redressal Committee to the authority and subsequently advice the department not be award the Contract before the decision of Complaint Redressal Committee.

Meetings of the Complaint Redressal Committee were held, the Committee reviewed the complaint of both the bidders; M/s Multiline Enterprises Lahore and M/s Shahnawaz (Pvt) Ltd. The representatives of both the companies were also invited to be heard in person.

The findings of the Complaint Redressal Committee on the Complaint of M/s Multiline Enterprises and M/s Shahnawaz (Pvt) Ltd are as under:

M/S MULTILINE ENTERPRISES:

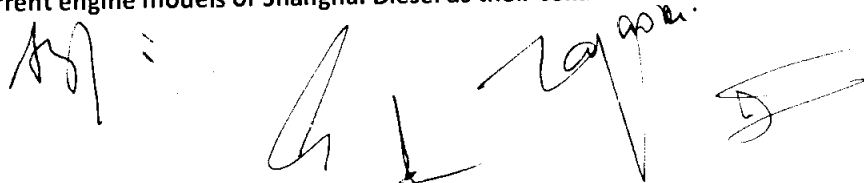
1. As per clarification letter dated 24.02.2014 to the office of Director Agriculture, we clarified that SD16 is being manufactured with two different engines i.e. Weichai engine WD10G178E25 & Shangchai engine SC11CB184G2B1. Bore x Stroke 126*130 available on Shantui Brochure is for WEICHAI WD10G178E25 engine and Shangchai SC11CB184G2B1 engine offered against this tender has bore x stroke of 121*152, which we manifested in technical data and this value is also confirmed with Shantui R&D centre.

The Complaint Redressal Committee reviewed the bid submitted by m/s Multiline Enterprises Lahore, and observed that, there is variation between the data provided by the bidder in schedule of technical specification in the bidding document and product brochure (brochure of Bulldozer SD16) submitted by the firm along with their bid.

As per Schedule of technical specification, the Shantui SD16 is fitted with Shangchai SC11CB18462B1 engine having a bore x stroke of 121 x 152 mm, with a displacement of 10.5 L, wherein, the brochure of bulldozers attached with the bidding document indicates bore x stroke of 126 x 130mm having a displacement of 9.72L.

The Complaint Redressal Committee also observed, that the engine performance test report from accredited test lab/ institution in accordance with SAE J1349 or equivalent standard as required in the bidding document is not submitted as intimated by the bidder vide letter dated 07-01-2014 (copy enclosed at Annex-"A").

2. As per our letter dated 24.02.2014, we clarified that Shanghai Diesel Engine had collaboration with Caterpillar till 2006 and Caterpillar C6121 engine, which is part of 3306 series, was being manufactured at Shanghai Diesel Engine factory till 2006. In 2006, caterpillar established its own facility in China and Shanghai Diesel started manufacturing engines based on same technology under the Model name SC11CB184G2B1. Moreover, Caterpillar cannot comment regarding current engine models of Shanghai Diesel as their collaboration ended in 2006.



We would like to reiterate that Shanghai Diesel Engine is based on Caterpillar technology and this claim has been accepted by MINFAL without doubt in their tender reference MINFAL-1-3/9SAE dated 08.10.2007.

The Complaint Redressal Committee approached **authorized dealer of Caterpillar M/s Allied Engineering & Services Ltd, Karachi** regarding the claim of bidder, who in person and in writing denied the same (copies attached at **Annex-B**). The bidder was asked several times to furnish the engine equivalency certificate / engine performance test report as mentioned in para-1 above, but the bidder failed to provide.

The Complaint Redressal Committee also observed the contract document of tender reference MINFAL-1-3/9 SAE, produced by the department, which indicates that a different model of bulldozer SD6G-1, manufactured by XUANHUA construction machinery Co. Ltd. fitted with a different engine and not the engine SC11CB184G2B1 referred by the bidder.

3. **Caterpillar C6121 engine is part of 3306 series engines which were manufactured at Shanghai Diesel Engine factory till 2006. Letter from Shanghai Diesel confirms that current model offered SC11CB184G2B1 is the same technology as 3306 series. Because of this reason Shanghai Diesel markets this engine model as SC11CB184G2B1 (C6121), which is evident from its website.**

- a. <http://www.sdeciepower.com/erin-engineering-engines.html>
- b. <http://www.sdeciepower.com/Wheel-load.html>
- c. <http://www.sdeciepower.com/c-series-engines.html>

The Complaint Redressal Committee approached **authorized dealer of Caterpillar M/s Allied Engineering & Services Ltd, Karachi** regarding the claim of bidder, who in person and in writing denied the same (copies attached at Annex-"B"). The bidder was asked several times to furnish the engine equivalency certificate / engine performance test report as mentioned in para-1 above, but the bidder failed to provide.

4. **Please find below our after Sale & Service facilities details in Hyderabad. Our service record in the past two years is an evidence of our support.**

The Complaint redressal committee after reviewing the record validated the complaint of M/s Multiline Enterprises.

5. **End User Reports have already been submitted with our bid reference enclosed.**

The Complaint Redressal Committee reviewed the End Users Reports provided by M/s Multiline Enterprises Lahore along with their bid and found that the bidder has not supplied/ provided End User Report of SD16 bulldozer fitted with Shangchai SC11CB18462B1 engine. The end user reports attached with the bidding document are of different models of bulldozers i.e. SD13, SD22, SD23, fitted with Cummins engine.

6. **Based on above information, we believe that our offer has not been evaluated on technical grounds, therefore, we request to you to form a Redressal Committee different from evaluation committee to evaluate our offer on proper technical grounds.**

The Complaint Redressal Committee upholds the decisions taken by the Procurement Committee of Agriculture Department.

The Complaint Redressal & Grievances Committee has been constituted under Rule-31 of SPPRA Rules-2010.

M/S SHAHNAWAZ (PVT) LTD:

1. Please refer our letter # CM-KHI/AESH/Bulldozers/Pro/19022014 dated 19.02.2014 submitted against your letter No. DAE/Stores-956/268/14 dated 14.02.2014 for the extension of our bid validity upto your desired date i.e. 9th March 2014 in pursuance of SPPRA Rules 2010 Clause # 38.
2. Kindly note that your desired extended date of the offer had already expired on 9th March 2014 and we have no communication from you regarding result of technical evaluation.

The Complaint Redressal Committee observed that as per tender document the bid validity is for 60 days i.e. upto 17.02.2014, which was later on extended upto 09.3.2014, in pursuance of the then sub rule (4) of SPPRA Rule 38 (1/3rd of original bid validity), due to a delay in evaluation process. Initially the delay was due to a late response from the bidders in providing the clarification sought by the Procuring Agency. The participating firms were advised to provide certain clarifications between 24-12-2013 to 24-02-2014 which was within the bid validity period.

Due to constraints of time and non-production of complete evidences/ clarifications by the bidders, the procurement Committee has taken decision on 26/2/2014 regarding technical responsive/ non-responsive bids.

The Procurement Committee opened the financial proposals of technically responsive bids on 4-3-2014, within the period of bid validity and recommended the case to the purchase committee of the department for final decision /approval.

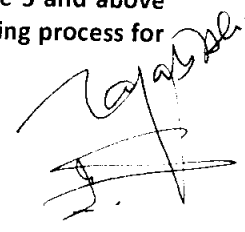
The purchase committee's meeting headed by the Secretary to Government of Sindh, Agriculture Department i.e Principal Accounting Officer was held. The lowest rates offered by M/s Allied Engineering Services was Rs.33.93 million i.e. 30.5% higher than the PC-I cost, the Purchase Committee decided to seek guidance/ advice from SPPRA. The Authority vide letter No.DIR(Enf-II)AGR-07/SPPRA/2-1/13-14/5408 dated 19-03-2014 advised to seek guideline from P&D Department. In all these processes, the validity period was expired and the bid evaluation report was not hoisted as it was not finalized due to above mentioned reasons.

3. Also, we would like to draw your attention that in recent days Pakistani Rupees in being appreciated against US Dollar whereas at the time of tender US Dollar conversion rate with Pak Rupees was much higher. As all the brands quoted against subject tenders are imported and quoted FOR prices were calculated on the basis of the then USD conversion rate with Pak Rupees.

The Complaint Redressal Committee endorsed the observation of M/s Shahnawaz (Pvt) Ltd. regarding appreciation of Pakistani Rupees against the US Dollar and advice the department to consider this fact as the recent appreciation could save around Rs 40.00 million to the government in this tender as the Pak rupees appreciated from Rs.106.38 to Rs.98.26 against US Dollar.

4. Further, while reviewing SPPRA Rules Clause # 38 under the heading of Bid Validity sub Clause # 5 which says in case the Procuring Agency fails to finalize the bid evaluation within the extended time, the bids shall stand cancelled and a fresh bidding process shall be initiated.
5. In the light of SPPRA Clause 38 Bid Validity sub clause 5, clause 45 Announcement of evaluation reports Clause 31 Mechanism for Redressal of Grievances sub clause 5 and above foreign exchange conversion status, we request you to kindly initiate fresh bidding process for subject tender.

As indicated above.

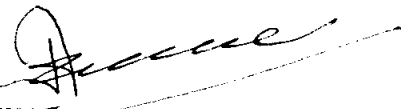


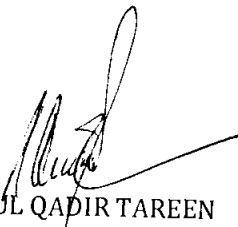
CONCLUSION


- i. The Complaint Redressal Committee concluded that even after the expiry of extended bid validity the bid evaluation report is not yet finalized and hoisted on the website of the SPPRA and advice the department to proceed further as per SPPRA Rules.
- ii. The SPPRA vide letter No.Dir(Eng-II)Agr-07/SPPRA/2-1/13-14/5408 dated 19-03-2014 communicated that:


“Regarding cancellation of the NIT and re-tender under Rule-25 & 26 of the SPP Rules, 2010, this Authority is of the opinion that the Procuring Agency may resort to this option, if it is satisfied that the price(s) of the item to be procured substantially reduced and re-tendering will bring value for money”.

CRC agrees with the opinion of SPPRA as the US Dollar conversion rate was around Rs.106.38 at the time of tender submitted by the bidders. At present the conversion rate of US Dollar is Rs.98.26. Thus the price of the items to be procured is substantially reduced to around Rs.40 million. It is therefore recommended that the department may proceed as per Rule -25 & 26 of the SPP Rules, 2010”.



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


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


MUHAMMAD RAMZAN BAPRANI
Director,
Agriculture Engineering Sindh,
Hyderabad
MEMBER


BASHIR AHMED KEERIO
Director Plant Protection
Agriculture Extension, Sindh
Hyderabad
MEMBER


RAJAB ALI SHAIKH
Ex-Deputy Director/Technical expert
Industries Department
MEMBER


REPRESENTATIVE of
Accountant General Sindh, Karachi
MEMBER



MULTILINE ENTERPRISES

64-Ahmad Block New Garden Town Lahore-Pakistan.
Tel: +92-42-35851559-60 Fax: +92-42-35832796
E-mail: multilineenterprises@gmail.com
multilin@brain.net.pk

Director
Agriculture Engineering Sindh
Hyderabad

Date: 07/01/2014

Subject: - Tender No. DAE/Stores-956/1810/2013 for Procurement
of Crawler Tractor 140-150HP, Spare Parts

Dear Sir,

We are in receipt of your letter No. DAE/Stores-956/2013/13 dated 26-12-2013 for the above-mentioned tender, we reply as follows;

- i) Shangchai engine model offered with SD16 dozer is an original Shanghai Diesel engine. Its technical specifications have already been submitted to your office along with the tender. There is no way to find equivalency of an engine from one manufacturer with any other engine from any manufacturer. However, engine performance can be judged based on equivalency of test results. We have submitted technical specifications of engine based on test conditions equivalent to SAE J1349. A visit to engine manufacturing facility can also be arranged while visiting the dozer manufacturing facility in China.

Moreover, this engine model is particular to Shantui Dozer Model SD16 and Shantui has manufactured more than **50,000** units with this particular engine making it one of the most successful models in Shantui lineup. A visit can be arranged for your team to Lahore where this specific dozer model SD16 is working for the last 6 years and has performed exceptionally. Find below the web link for engine manufacturer;

- www.sdecie.com

- ii) Engine performance test report in English language is attached herewith.
- iii) Detail of similar nature projects under execution is attached herewith.
- iv) We confirm that our electrical system is 24 volt.

3/

3. SCHEDULE OF TECHNICAL DATA TECHNICAL SPECIFICATIONS
FOR

EQUIPMENT: CRAWLER TRACTORS (BULLDOZERS) WITH DOZING EQUIPMENT

QUANTITY: 15 UNITS (Net Power at Fly Wheel):
(140 – 150 HP)

	DESCRIPTION	TENDERER'S SPECIFICATION
A	MANUFACTURER	SHANTUI
B	MAKE /MODEL	SD16
C	COUNTRY OF ORIGIN	China
D	SPECIFICATIONS	
1.	<i>ENGINE: Komatsu, Caterpillar, John Deer, CNH, Cummins, Case or at least equivalent, incase of equivalent product kindly attach original equivalency certificate of manufacturer indicating comparison in terms of wear & tear, performance, fuel economy, etc. ((Pl attach engine performance test report from accredited test lab/institutions in accordance with SAE J1349 or equivalent standard), OEM authorization for engine manufacturing and valid licensing agreement if applicable).</i>	
i)	Make and Model	Shanghai SC11CB184G2B1
ii)	Type: Turbo charged, Water cooled 4-stroke/cycle diesel engine; direct injection; with crank case shield	YES
iii)	Net Engine Output at rated rpm - (Specify)	110.4KW (148hp) (Confirmed by SHANTUI R&D centre and the relevant evidence can be provided)

Shantui Construction Machinery Export & Import Co., Ltd.
Head Office: Shantui Construction Machinery Export & Import Co., Ltd.
Room 1001, No. 58 Highway 3307,
Jining, Shandong, China
Tel: 86-537-2060200
Fax: 86-537-2060201
E-mail: shantui@shantui.com
shantui@shantui.com

Handwritten signatures and a circular official stamp of Shantui Construction Machinery Export & Import Co., Ltd. The stamp contains the name 王立森 (Wang Lisen) and the text 业务专用章 (Business Special Seal).



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a.	Advertised HP	(Specify)	150 HP (112KW)
b.	Gross HP	(Specify)	160 HP (120KW)
c.	Net HP	(Specify)	150 HP (112KW)
iv)	HP Consumed by		
a.	Fans	(Specify)	2 KW
b.	Fuel System	(Specify)	0.6 KW
c.	Water Pump	(Specify)	1 KW
d.	Alternator	(Specify)	4.0 KW
e.	Air-conditioned. Hp and cooling capacity in BTU	(Specify)	2 KW
v)	Number of Cylinders:	(Specify)	6
a.	Displacement cubic mm / Liter	(Specify)	10.5 L
b.	Bore Diameter (mm)	(Specify)	121 mm
c.	Length of Stroke (mm)	(Specify)	152 mm
vi)	Air Cleaning System – quote	(Specify)	Dry type with dust indicator
vii)	Electrical System 24V or quote		24 V
viii)	Alternator Amperage	(Specify)	27 A
ix)	Specific Fuel Consumption (g/kW-h) & L/Hour	(Specify) at	
a.	Idle Speed	(Specify)	213 g.kw/h
b.	25% Load	(Specify)	/
c.	50% Load	(Specify)	/
d.	75% Load	(Specify)	/
e.	Maximum Load	(Specify)	/
x)	Net Engine Weight (kg) – quote	(Specify)	980kg
a.	Maximum Torque (N-m) and Torque backup (%)	(Specify)	764N.m 20.7%
b.	Engine Lubrication System	(Specify)	Gear pump, Forced Lubrication
c.	Grade Oil	(Specify)	SAE10W-30 CF-4
d.	Recommended alternate manufacturer name and grade of oil available in Pakistan		SHELL Brand

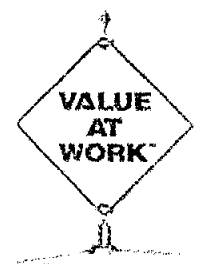
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[Handwritten signature]

[Handwritten signature]

Shandong Shantui Construction Machinery Imp. & Exp. Co., Ltd.
 Shantui Tower, No.58 Highway G327,
 Jinan, Shandong, China
 Tel: +86 531 277268, 277270
 Fax: +86 531 2771279, 2771278
 Email: trade@shantui.com
 Website: www.shantui.com



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2.	i)	TRANSMISSION	
	a.	Transmission type: (Specify)	Planetary gear and torque flow transmission hydraulically actuated, forced lubrication
	b.	Maximum Traveling Speed (km/hr) (Specify)	12.53 km/hr
	c.	Forward 3 or more (Specify)	3
	d.	Reverse 3 or more (Specify)	3
	e.	Climbing Angle (degrees) (Specify)	30°
	ii)	TORQUE DIVIDER (CONVERTER) (Specify)	3-element, single stage, 1-phase
	iii)	STEERING AND BRAKING Type (Specify)	STEERING TYPE: Wet multiple disc, coned disc spring loaded, hydraulically actuated, hand operated, interconnected with steering brake. BRAKING TYPE: Wet, contracting band, foot operated with hydraulic booster
3.		HYDRAULIC CONTROL SYSTEM	
	i)	Type of hydraulic control system	Mechanical
	ii)	Hydraulic Pump output at rated rpm-	227L/min

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[Handwritten signature]



[Handwritten signature]



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	iii)	Type and grade Hydraulic Oil	(Specify)	SAE10W-30 CF-4
	iv)	Names of recommended alternate manufacturers Of Hydraulic oil	(Specify)	SHELL brand
	v)	Brands available in Pakistan must be indicated	(Specify)	SHELL brand
4. ANGLE BLADE				
	i)	Blade specification (Specify Width, Height, Max. Lift and Max. Cutting Depth); Cutting Angle; Max. Tilt of Blade	(Specify)	Blade width:3970mm Blade height:1040mm Max.lift:1110mm Max. cutting depth:530mm Cutting angle:55°
	ii.	Blade capacity (m ³) -		4.3
5. UNDERCARRIAGE *				
	i)	Make of undercarriage (Berco, ITM, I Track, Case, CNH, Passani Group, Komatsu, Caterpillar, or at least equivalent (in case of an equivalent make kindly attach original equivalency certificate from the manufacturer indicating comparison in terms of performance wear & tear and metallurgy of the product also indicate relevant ISO, ASAE, DIN or other standards followed by the manufacturers, O&M certificate should also be attached).		SHANTUI
	ii)	Width of Track Shoes (cm)		51cm
	iii)	Track shoe type		Sealed
	iv)	Track gauge		1880mm
	v)	Length of track on ground (cm)		243cm
	vi)	Number of links		37
	vii)	Sealed and life lubricated rollers		Comply
	viii)	No. of rollers per side (single and double flange rollers)		6
	ix)	Carrier rollers per side		2

Handwritten signatures and initials.



Shandong Shantui Construction
Machinery Imp. & Exp. Co., Ltd.
Shantui Tower No.58 Highway 6527,
Jining, Shandong, China
Tel: No. 86-530-2712111
Fax: No. 86-530-2712111
E-mail: shantui@shantui.com

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6. FUEL SYSTEM		
i)	Fuel Tank Capacity (lit)	300L
ii)	Primary Filter (microns)	30L
iii)	Secondary filter (microns)	10L
iv)	Water separator (type)	D00-034-01
v)	Fuel injection system	Direct injection
7. HOUR METER		
i)	Direct Drive Mechanical Hour Meter with sealing arrangement, or quote	Comply
8. Air-conditioned cabin		
i)	Air-conditioned cabin	Comply
TOOLS		
a.	One set of tools with each unit of bulldozer - (Specify)	Comply
b.	Diagnostic Software	
ACCESSORIES		
a.	All standard accessories to be offered - (Specify)	Comply
SPARE PARTS (List to be provided with Financial Proposal)		
i)	Attach priced list of all spare parts	YES
ii)	Attach list of recommended spare parts equivalent To 10% of DDP value of the bulldozers	YES

Handwritten signatures and initials: 59, 12, MA

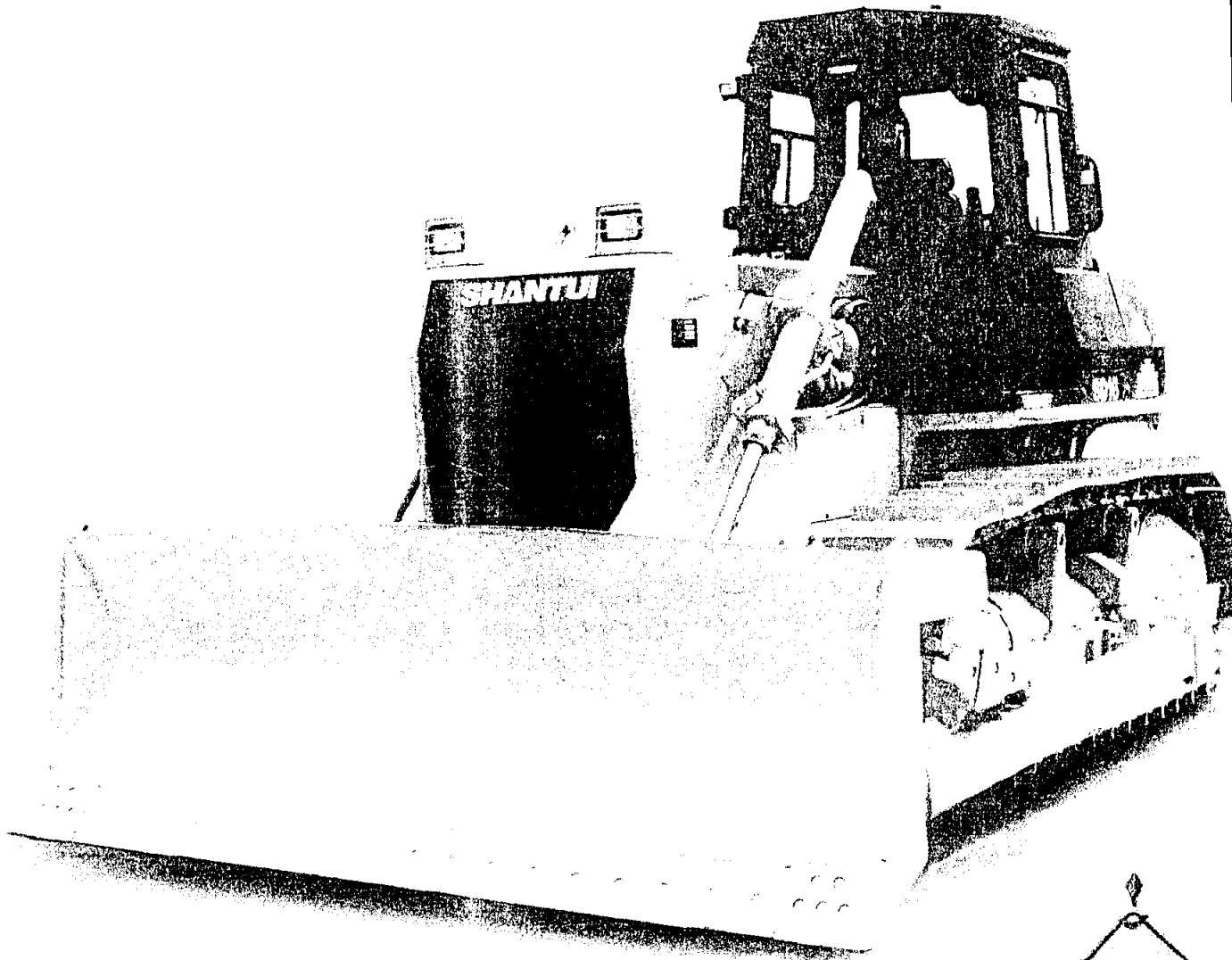
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SD16

BULLDOZER

- * Engine model: Shangchai SC11CB184G2B1/Steyr WD10G178E25
- * Rated power: 110.4kw
- * Operating weight: 17t



SHANTUI
VALUE THAT WORKS™



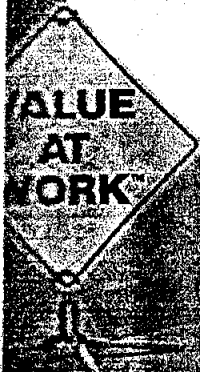
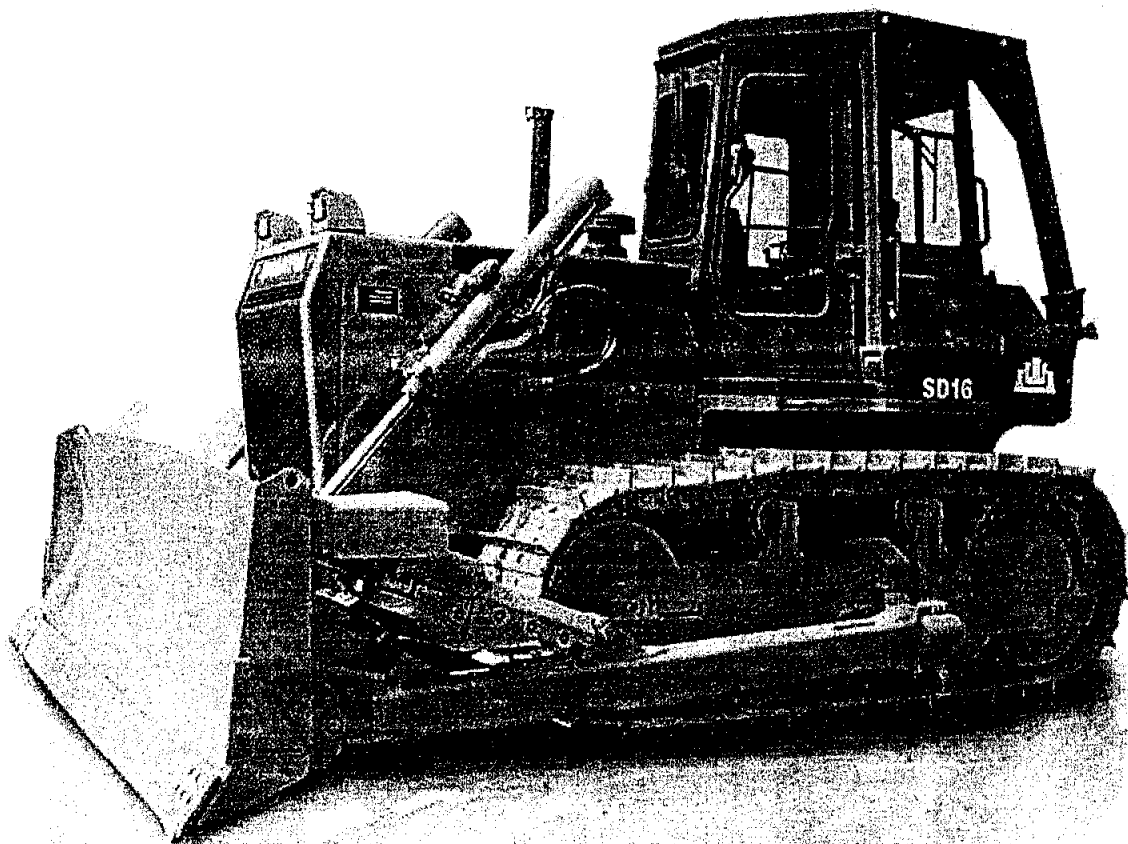
SD16

The all-purpose customers' choice.

- ▶ Engine model: Shangchai C6121ZG70B/Sleyr WD10G175E15
- ▶ Rated power: 120 kw (160 HP)
- ▶ Operating weight: 17 t
- ▶ CAB - Fully Enclosed with ROPS

Product Features

Shantui's best-seller worldwide, this is a medium-duty workhorse that comes off the factory line in various configurations for specific work environments, e.g., desert, swamp, forest, high altitude, etc. Has Tier IIIb Cummins engine for European market and optional engines (Weichai and Shangchai) for other markets. The SD 16 provides high performance with strong reliability, with Shantui's trademark value.



SHANTUI®

VALUE THAT WORKS

CAWCE: Shantui Construction Machinery
Group Co., Ltd.

ADDRESS: Room 701, Building 1, No. 100, Shantui Road,
P.O. Box 602250, 110011, Nanjing, P.R. China








TEL: 86-25-84641775

EMAIL: sales@shantui.com

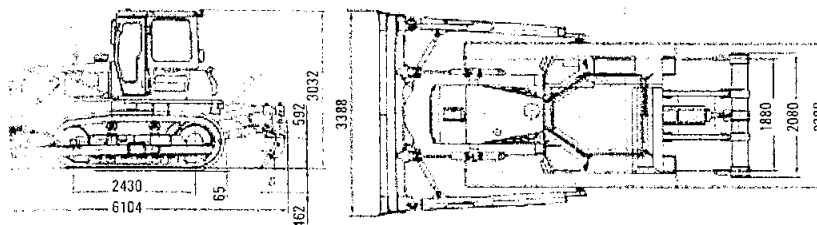
WEBSITE: www.shantui.com

D16

Technical specifications:

	ENGINE	Model and type	Shanghai C6121ZG70B/Steyr WD10G175E15, Water cooled, in-line, 4-stroke, direct injection		
		Rated revolution (rpm)	1850		
		Rated power (kw)	120		
		Cylinder bore (mm) x stroke (mm)	6-126 x 130		
		Piston displacement (L)	9.726		
		Min. fuel consumption (g/kw.h)	214		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
		Transmission (Shantui)	Planetary gear type, power-shift, forced lubrication		
		Main drive	Spiral bevel gear, single-stage speed reduction		
		Steering clutch	Wet, multi-disc, spring loaded, hand hydraulically separated, inter-linking with steering brake		
		Steering brake	Wet, floating band structure, foot brake with hydraulic booster		
		Final drive	Two-stage speed reduction of spur gear, splash lubrication		
	TRAVEL SPEED	Gear	1st	2nd	3rd
		Forward (km/h)	0-3.29	0-5.28	0-9.63
		Reverse (km/h)	0-4.28	0-7.69	0-12.53
	UNDERCARRIAGE SYSTEM	Type	Sprayed beam, suspended-structure equalizer bar		
		Carrier rollers (each side)	2		
		Track rollers (each side)	6		
		No. of track shoes (each side)	37 (Assembled, single-grouser)		
		Width of track shoes (mm)	510		
	HYDRAULIC SYSTEM	Max. pressure (MPa)	14		
		Pump type	Gear pump		
		Discharge (L/min)	243		
		Bore of working cylinder (mm) x No.	Ø110 x 2		
	BLADE	Blade type	Straight-tilt	Angle	U-Blade
		Dozing capacity (m³)	4.5	4.4	5.0
		Efficiency (m³/H) (Theoretical value 40m)	225	225	250
		Blade width (mm)	3388	3970	3556
		Blade height (mm)	1149	1090	1120
		Max. drop below ground (mm)	540	540	530
		Max. tilt adjustment (mm)	400	-	400
		Min. ground clearance (mm)	400	400	400
		Operating weight (kg)	17000	17000	17000
		Ground pressure (MPa)	0.067	0.067	0.067
		Min. turning radius (m)	4.7	4.5	4.9
		Gradeability (°)	30	30	30
		Track gauge (mm)	1880	1880	1880
	RIPPER (STD)	Type	Three-shank ripper		
		Max. digging depth (mm)	572		
		Max. lift above ground (mm)	592		
		Ripper weight (kg)	1710		

1. DIMENSIONS Straight-tilt blade



THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.



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Deutz Engine

Weichai Engine

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- 1200 Series
- 1300 Series
- 1600 Series
- 1900 Series
- 2000 Series
- 2200 Series
- 2400 Series
- 2600 Series
- 2800 Series
- 3000 Series
- 3300 Series
- 3600 Series
- 4000 Series
- 4200 Series
- 4600 Series
- 5000 Series
- 5500 Series
- 6000 Series
- 6500 Series
- 7000 Series
- 7500 Series
- 8000 Series
- 8500 Series
- 9000 Series
- 9500 Series
- 10000 Series

Yuchai Engine

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WD10G178E25

You are here: Home » Products » Weichai Engine » WD10 Series » WD10G178E25

<< WD10G156E26

WD10G200E21 >>

Share

Engine Model:	WD10G178E25
Engine Type:	6 Cylinders, in Line
Displacement:	9.726 L
Rated Speed:	1850 rpm
Rated Power:	131 kW(178HP)
Max. Torque/Speed:	830 N.m @ 1000-1200 rpm
Aspiration Method:	Turbocharged
Emission Standard:	Euro II
Fuel Consumption:	210 g/kWh
Packing Size(L*W*H):	-
Gross Weight:	-
Delivery Time:	7-15 working days
Payment Terms:	T/T, L/C

Weichai WD10G178E25 Construction Diesel Engine

General Information of Weichai WD10G178E25 Construction Diesel Engine

Engine Model:	WD10G178E25
Engine Type:	6 Cylinders, in Line
Displacement:	9.725 L
Bore*Stroke(mm):	126 * 130
Certification:	Euro II
Net Weight (with flywheel & alternator):	-
Overall Dimension(L*W*H):	-

Technical Specification of WD10G178E25 Construction Diesel Engine

Aspiration:	Turbocharged
Cooling Method:	Water Cooled
Fuel System:	Direct Injection Pump
Electrical System(Starter Motor/Alternator):	12V/24V
Starting Method:	Electric Start
Governor Method:	Mechanical/Electrical Governor

Performance Data of Weichai WD10G178E25 Construction Diesel Engine

Rated Power/Speed:	131 kW/178 HP @ 1850 rpm
Max Torque/Speed:	830 N.m @ 1000-1200
Fuel Consumption @ Rated Power:	210 g/kWh
Max. Continuous Running Altitude:	2000 m
Application:	Generator

Category: WD10 Series | Tag: 100HP-200HP construction Engine Engineering WD10 Series WD10G178E25 Weichai

Other Items in this category

- [WD10G210E24](#)
- [WD10G220E23](#)
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shantui bulldozer SD16 with cummins diesel engine

FOB Price: US \$95,000 - 110,000 / Unit [Get Latest Price](#)

Min. Order Quantity: 1 Unit/Units

Supply Ability: 100 Unit/Units per Month

Port: Guangzhou

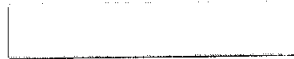
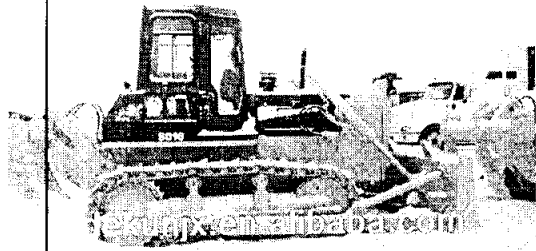
Payment Terms: L/C, T/T

Guangzhou Dekun Construction Machinery Co., Ltd.

China (Mainland) | Trading Company | Contact Details

Experience: Established 2009

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Product Detail

Company Profile

Quick Details

Origin	Guangdong China (Mainland)	Brand Name	shantui	Model Number	SD16
Condition	New	Moving Type	Crawler Bulldozer	Machine Weight	17
Track gauge (width) * Height	5140x3388x...	After-sales Service Provided	Engineers a...	Rated power/speed	120/1850 kw/rpm
Track shoe distance	1880mm	Ground Contact Land	2730mm	Track width	560mm
Engine	CE	Engine type	SD22,SD23,SD32		

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Packaging & Delivery

Package Detail: Nude packaging
Delivery Detail: within 20 days after balance payment

Specifications

- 1.Engine:WD10G1/8E25/ SC11CB184G2B1
- 2.CE approved
- 3.can adopt with different type of blade
- 4.Operating weight:17Ton.

bulldozer shantui SD16 price



Technology specifications:

Main Specification		SD16	
Overall dimension	mm	5140x3388x3030	
Operating Weight	t	17Ton (without ripper)	
Engine Model		WD10G178E25/ SC11CB184G2B1	
Rated Power/Speed	kw/rpm	131/1850	
Track Center Distance	mm	1880	
Ground Contact Land	mm	2430	
Land Pressure	Mpa	0.067	
Forward speed	kw/h	F1: 0~3.29	
		F2: 0~5.82	
		F3: 0~9.63	
Rear speed	kw/h	R1: 0~4.28	
		R2: 0~7.59	
		R3: 0~12.53	
Blade Digging Depth	mm	540	
Ripper digging depth	mm	572	
Blade Lifting Height	mm	1095	
Ripper lifting height	mm	592	
Grade Ability	°	30	
Track Width	mm	510	
Blade capacity	m³	Stright blade:4.5	Angle
		balde:4.3	
Blade Type		stright, Semi-U, angle, U	
		(S)3388x1040,	
Blade Length*Width	mm	(Angle)3970x1040	
		U 3556x1120,	
Ripper type		Tridentate ripper	

Machine photo show:



Sindh Hyderabad Pakistan Directorate of Agriculture Engineering

Director AE <director.dae@gmail.com>
To: astagri <astagri@hotmail.com>

Tue, Apr 29, 2014 at 4:45 PM

Dear Sirs,

I have been passed a letter dated 23 January 2014 that I believe you sent to our Peterborough facility regarding Shanghai SC11CB184G2B1 engines.

I confirm safe receipt.

We cannot confirm the claims made by Shangdong Shantui Construction Machinery, Importer and Exporter Co. Ltd, China, in order to provide further feedback, can you please forward us a copy of the claims for our review and further comment please?

We look forward to hearing from you.

Many thanks and best regards

Lia Young,

Attorney, Trade Marks

Law and Public Policy | Legal Services Division

Caterpillar Legal Services

MD #32, Eastfield, Peterborough, PE1 5FQ

Tel: 00 44 (0) 1733 582085

Tie Line 7 529 2085

Email: young_lia_y@cat.com

Solicitor of England and Wales

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Caterpillar Inc.

100 NE Adams Street
Peoria, Illinois 61629-9240

August 31, 2005

VIA REGISTERED MAIL

and E-MAIL: ghabib@aesl.com.pk

Mr. Syed Ghazanfar Habib
Director, Construction Equipment
Allied Engineering & Services Ltd.
21/3, Sector No. 22
Korangi Industrial Area
Karachi-74900
PAKISTAN

Re: Unauthorized CATPLUS Machines

Mr. Habib:

I am Trademark Counsel for Caterpillar Inc. ("Caterpillar"). As you aware, over the past 75 years, Caterpillar has been a leader in the construction industry and has used the CAT and CATERPILLAR trademarks to identify its machines, parts and related services worldwide.

It has come to our attention that a company in Singapore, Worldwide Techno-Equipment Group (1973) Pte. Ltd. ("WTE") has been selling construction equipment in the Middle East and North Africa under the **CATPLUS** 'brand.' Specifically, we have received reports of **CATPLUS** 160G III motor graders being imported into Lahore, Pakistan and **CATPLUS** 966S III wheel loaders being imported into Khartoum, Sudan. For your convenience, I have attached photographs of several of these pieces of equipment. While we believe that WTE has branded these products with **CATPLUS** name in an effort to confuse consumers into believing that the products are somehow related to those offered by Caterpillar Inc., we must caution you that these products are not genuine Caterpillar products. Further, WTE is not affiliated in any way with Caterpillar, and we cannot assess the reliability or durability of WTE's products. Moreover, the products are not supported by Caterpillar and certainly are not supported by Caterpillar's warranty.

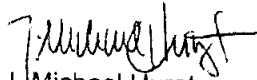
It appears that the **CATPLUS** motor graders and wheel loaders may be manufactured by Shantui Construction Machinery Co., Ltd. and/or Changlin Company, Ltd. in China. Caterpillar has no affiliation whatsoever with these companies. Regardless, whether manufactured by these entities or another entity in China, the products do not contain any Caterpillar components, and Caterpillar cannot vouch for the quality, reliability or durability of that product.

Further, we understand that the engine used in some of these machines has been identified as a "Caterpillar 3306B" engine and may display Caterpillar's trademarks on the engine plate. However, the referenced engine is not a genuine Caterpillar 3306 engine. It appears that the engine may be manufactured by Shanghai Diesel Engine Company ("SDEC"). Although Caterpillar has provided to SDEC designs for engines, Caterpillar is the only manufacturer of the 3306 engine, which is noted for its reliability and durability. Caterpillar does not review the tolerances or quality of the SDEC engines and cannot

determine the performance or longevity of those engines. To be clear, Caterpillar certainly does not support those engines via service or warranty.

Thank you for your attention to this matter. Please feel free to share this letter or the contents thereof with anyone you deem necessary. If you have any questions, please do not hesitate to contact us.

Very truly yours,



J. Michael Hurst
Trademark Attorney
ph: (309) 675-5525
fx: (309) 675-1711
hurst_michael@cat.com

CATERPILLAR®

Caterpillar Inc.

100 NE Adams Street
Peoria, Illinois 61629-0240

March 29, 2005

RE: Misrepresentations regarding Caterpillar Engines and Track-Type Tractors

To Whom It May Concern:

I am Trademark Counsel for Caterpillar Inc. ("Caterpillar"). As you likely aware, over the past 75 years, Caterpillar has been a leader in the construction industry and has used the CAT and CATERPILLAR trademarks to identify its machines, parts and related services worldwide.

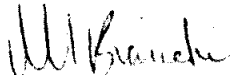
It has come to our attention that third parties have been submitting bids for the sale of track-type tractors and are misrepresenting that the tractors and engines are Caterpillar products. For your convenience, I attach a copy of a portion of one such bid. The referenced tractor and engine are not Caterpillar products, and we cannot assess their reliability or durability. Moreover, they are not supported by Caterpillar and certainly are not supported by Caterpillar's warranty.

It appears that the referenced "SD6D" tractor may be manufactured by Xuanhua Engineering Machinery Co. Ltd. While Caterpillar had entered into a technology transfer agreement nearly 20 years ago with Xuanhua Engineering Machinery Works, the designs are now nearly two decades old, and that agreement expired a decade ago. At any rate, whether manufactured by this entity or another entity in China, the products do not contain any Caterpillar components, and Caterpillar cannot vouch for the quality, reliability or durability of that product.

Similarly, the engine contained in that tractor is not a Caterpillar 3306 engine as the attached document purports. It appears that the engine may be manufactured by Shanghai Diesel Engine Company ("SDEC"). However, although Caterpillar has provided to SDEC designs for engines, Caterpillar is the only manufacturer of the 3306 engine, which is noted for its reliability and durability. Caterpillar does not review the tolerances of or qualify the SDEC engines and cannot determine the performance or longevity of those engines – and certainly does not support those engines via service or warranty.

Thank you for your attention to this matter. If you have any questions, please do not hesitate to contact us.

Very truly yours,



David J. Bianchi
Intellectual Property Counsel – Trademark Section

Tel: 309-675-5367
Fax: 309-675-1711