



























> @PHU ' \$ \$WWL\D \* =HLGDQ , > 1@KHUQJ\$ )\$ +XDQJ < 7DQ SXUH % 6  
(OLWH OHDUQLQJ +DUULV RDNZNFWLSWML/PL]H/U XIRU PXOZDURHWRE VFKHGXOLQ  
WDVN VFKHGXOLQJ LQKHFORXG QDFRP SRXIMQLQW DQFHV XVLQJ GHHS &DXLQWRHLF  
6XSHUFRPSXWLQJ &RPSXWLQJ

> \$WWL\D , \$EG (OD]L] 0 \$EXDOLJDK\$EG (QD]HQ 07 \$EXDOLJDK / ,EUDK  
\$EG (DWLI \$ \$ ,PSURYHG K\EULG VZD]R7 ZRUNIORZ VFKHGXOLQJ  
LQWHOOLJHQFH IRU VFKHGXOLQJ LRWD DSVQPFIDWLERQ RSDWLNPL]DQ/LRKH DO  
FORXG ,((( 7UDQVDFWLRQV RQ ,QGXVFRPSXWFRPSXWDLFR/QDO LQWHOOL  
QHXURVFLHQFH

> @XVVDLQ 6 0 %HJK \* 5 +\EULG KHXULVWLF  
DOJRULWKRIIRFLRWW4R6 DZDUH WDVNEXFKVHGQODQJ:HQ / ) 5HKPDQ \$ \$  
IRJ±FORXG HQRXUQDOHQRW &RPSXWDSVLR\$DO 0 FRQDVGULDQHG HQHU  
6FLHQFH ZRUNIORZ VFKHGXOLQJ LQ JHRJUDSK  
GDWD FKHWHV\*HQHUDWLRQ &RPSXW

> \$WWL\D , \$EXDOLJDK / (OVDGHN ' &KHOORXJ 6 \$  
\$EG (OD]L] 0 \$Q ,QWHOOLJHQW &KLPS 2SWLPL]HU  
IRU 6FKHGXOLQJ RI ,R7 \$SSOLFDWLRQGDODNV5 LQ \$RQJK (QHSDZDUH  
&RPSXWDDKHPDWLFV ZRUNIORZ WDVN VFKHGXOLQJ LQ FOR  
FRQVROLGDWLRQ XVLQJ GLVFUH

> @LQ = ;X ) /L < )DQ & =KDQJ )RSWPLQDMX%L  
< \$QXOMIEWLYH 7DVN 6FKHGXOLQJ 6WUDWHJ\  
IRU ,QWHOOLJHQW 3URGXFWLRQ /LQH %DVHG RQ &ORXG )RJ  
&RPSXWHQVRUV > @RKDPPDG]DGHK \$ 0DVGDUL 0 \*  
6 (QHUJ]DZQGHFRWNIORZ VFKH

> @LQJ : =KDR & 0LDR 4 6RQJ + &KHQ \*FRPSXWLQJ GDWDREHQHFWWVH  
4R6362 4R6 DZDUH WDVN VFKHGXOLQJRSWPLQDMX%L  
FRPSXWLQJ V\WHP -RXUQDO RI 1HWZRUJHPPG6\WHPV  
0DQDJHPPHQW