(+&, / \*%\$ #, +0%+1 (+ 1 '% +%3 /%01"1% \*%+1 , + \*%\$(#") \*") - / "#1(#%! " &/(%+\$)4 #/(1(.2%

9KPC - ' 6QJP\$

8 GFKECN OCNRTCEVKEG EQPUVKVWVGU C UWDUVCPVKCN UJCTG QH VQTV NKVKICVKQP CPF JCU FTKXGP OCP[ QH VJG NGICN EJCPIGU EJCTCEVGTK\GF CU ^VQTV TGHQTON\_ [GV VJG - OGTKECP 7CY 4PUVKVWVGaU RTKQT TGUVCVGOGPVU QH VQTVU NCEMGF DNCEMNGWGT NCY RTQXKUKQPU URGEKHKE VQ VJG VQRKE' >JG PGY %\*45 '5\*/\*05 1+ &1354 !&, -3)"# \$\*)-('. \$'.23'(5-(\* "<GUVCVGOGPV# KU VJWU VQ DG EGNGDTCVGF HQT KVU UWDUVCPVKCN EQPVTKDWVKQP KP CUUGODNKPI CPF GZRNCKPKPI ?'=' OGFKECN OCNRTCEVKEG NCY'

: PG CTGC YJGTG VJG <GUVCVGOGPV OCMGU C RCTVKEWNCTN[ KORQTVCPV EQPVTKDWVKQP KU QP VJG NCY QH KPHQTOGF EQPUGPV VQ OGFKECN VTGCVOGPV' >JKU EQOOGPVCT[" QHHGTU C ETKVKSWG QH VJG <GUVCVGOGPVaU KPHQTOGF EQPUGPV

(& DOPY JVT TLUZHX\_ KPYZPSSY T\_ XLTHXRY HZ ZOL ? HXJO ) ')\* C\_TWVYP[T VU \*DC:AI; @C> H?< 5<GH9H<B<CH ! 7 ? %F; " D= 7DFHG\$ XLZHPUPUN ZOL PUNVXTHS ZVUL ZOHZ VUL ZHRLY PU Y [ JO YPZ [ HZPVUY& DOLYL KPYZPSSLK XLTHXRY KVŚ OV ] L\LX\$ VTPZ VUL ZVWPJ JV\LXLK PU ZOL VXPNPUHS XLTHXRY\$ CWLJPMPJHSS\_\$ ZOL VXPNPUHS XLTHXRY PUJS[KLK H KPYJ[YYPVU VM H JVTTLUZ PUJS[KLK PU ZOL ZOLU%] VXRPUN KXHMZ VM ZOL BLYZHZL TLUZ ZOHZ YZHZLKŚ CH WXV\PKLX TPNOZ & & & & XLHYVUHIS XLS VU JVTT [UPJHZPVUY ] PZO H WHZPLUZeY YWV [YL VX HK [SZ JOPSK ZV KLJPKL ] OHZ PUNVX THZPVU H WHZPLUZ KVLY VX KVLY UVZ ] PYO ZV XLJLP/L HIV [Z ZXLHZ TLUZ VX WXVNUVYPY&d DOHZ YZHZL TLUZ ] HY HZ VKKY ] PZO ZOL ZL^Z VM ZOL BLYZHZL TLUZ HUK ZOL SH ] TVXL IXVHKS\_& AHZPLUZY ] OV ] PYO ZV IL RLWZ PU ZOL KHXR HIV [Z XPYRY VM TLKPJHS ZXLHZTLUZ HXL MXLL ZV KPXLJZ OLHSZO JHXL WXV\PKLXY UVZ ZV YOHXL WHXZPJ [SHX PUMVXTHZPVU ] PZO ZOLT VX PUYZX [JZ WXV\PKLXY ZV YOHXL ZOHZ PUMVXTHZPVU ] PZO MHTPS\_ TLTILXY VX MXPLUKY PUYZLHK& : V ] L\LX\$ WXV\PKLXY SLNHSS\_ TH UVZ XLS VU MHTPS TLTILXY ZV KLJPKL ] OHZ PUNVXTHZPVU ZV YOHXL ] PZO H WHZPLUZ YVSLS ILJH [YL ZOL\_ HXL RPU& ? VXLV\LX\$ ZOL Y [NNLYZPVU PU\PZLK WXV\PKLXY ZV HJZ VU YZLXLVZ\_WL\$ HY ZOL BLWVXZLXY WX[KLUZS\_ JH[ZPVU HNHPUYZ LSYL]OLXL& CWLJPMPJHSS\_\$ PZ PU\PZLK WXV\PKLXY ZV HYY[TL ZOHZ MHTPS\_ TLTILXY VM WHZPLUZY VM JLXZHPU LZOUPJ VX XLSPNPV Y NXV WY YOV SK IL JVUY SZLK ZV KLZLX TPUL OLZOLX ZV YOHXL PUMVXTHZPVU 1 PZO ZOVYL WHZPLUZYS XHZOLX ZOHU HYRPUN ZOL WHZPLUZY ZOLTYLS\LY 1 OHZ PUNVXTHZPVU ZOL\_ ] HUZ VX ] PZO ] OVT ZOL\_ ] HUZ PUNVXTHZPVU YOHXLK& 8VXZ[ UHZLS\_\$ HMZLX ZOL C\_TWVYP[T\$ ZOL BLWVXZLXY THKL H ] PYL KLJPYPVU ZV XLTV\L ZOHZ JVTTLUZ\$ HUK PZ ] HY UVZ JHXXPLK MVX ] HXK PUZV ZOL ? HXJO ) ' )\* KXHMZ&

<sup># 6</sup>H\PK ? & >L\\_ AXVMLYYYX VM >H ]  $C_XHJ[YL EUP\LXYPZ_ 5VSSLNL VM >H ] 2 6PYZPUN[PYOLK CJOVSHX PU 7SKLX >H ] <math>CVSVTVU 5LUZLX WX : LHSZO >H ] HUK AVSPJ_S GHSL >H ] CJOVVS& =VOU PY H TLTILX VM ZOL 3 TLXPJHU >H ] ;UYZPZ[ZL HUK HU HK\PYVX ZV ZOL 3 TLXPJHU >H ] ;UYZPZ[ZL eY DOPXK BLYZHZLTLUZ DVXZYI ? LKPJHS ? HSWXHJZPJL WXVQLJZ&$ 

'\*%+,)\$# "+\*-\$\*. '\* .&\$ \*\$1,\$-.!.\$)\$\*.

RTQXKUKQPU% JKIJNKIJVKPI EQPEGTPU YKVJ KVU CRRTQCEJ VQ FGHKPKPI VJG FWV[ VQ RTQXKFG KPHQTOGF EQPUGPV% CU YGNN CU CP KORQTVCPV KUUWG VJG <GUVCVGOGPV NGCXGU WPTGUQNXGF'

4' 1+"/!#% -& /-+.%1), '-../-!#(%01-4,&-/+%\$/-,0%,1

>JG <GUVCVGOGPV TGEQIPK\GU VJCV EQWTVU JCXG ] CU C IGPGTCN OCVVGT ] VCMGP VYQ FKHHGTGPV CRRTQCEJGU VQ FGVGTOKPKPI YJCV KPHQTOCVKQP JGCNVJ ECTG RTQXKFGTU OWUV RTQXKFG RCVKGPVU' =RGEKHKECNN[% KV TGEQIPK\GU VJCV RTQXKFGTU OWUV UJCTG KPHQTOCVKQP VJCVaU ^OCVGTKCN\_ VQ RCVKGPVUa JGCNVJ ECTG FGEKUKQPU DWV TGEQIPK\GU VYQ CRRTQCEJGU VQ FGVGTOKPKPI YJCV KU OCVGTKCN'

4V GZRNCKPU VJCV ^AKBP RCVKGPV&EGPVGTGF LWTKUFKEVKQPU% KPHQTOCVKQP KU ^OCVGTKCN\_ KH C TGCUQPCDNG RGTUQP% KP YJCV VJG RTQX -+/.&1\$-.\$, \* (!1 ,\$0'\$1

>JG XCNWG QH RCVKGPV UGNH&FGVGTOKPCVKQP KU KPETGCUKPIN[ TGEQIPK\GF D[ UVCVG NGIKUNCVWTGU' >JGTG KU ITQYKPI TGEQIPKVKQP% KPHQTOGF D[ FKUCDKMKV[ TKIJVU UEJQNCTU CPF CFXQECVGU% VJCV FKIPKV[ CPF TGEQIPKVKQP QH RGTUQPJQQF OGCP VJCV KPFKXKFWCNU OWUV DG CDNG VQ OCMG VJGKT QYP FGEKUKQPU DCUGF QP VJGKT QYP XCNWGU CPF RTGHGTGPEGU' 2QT GZCORNG% IWCTFKCPU HQT CFWNU YGTG "\*%+, ) \$ # "+\*-\$\*. '\* . & \$ \*\$ 1 , \$-.!.\$) \$\*.

2KTUW% YG EQPVKPWG VQ UGG OCP[ CTGCU KP YJKEJ RTQXKFGTU FQ PQV TGURGEV RCVKGPV UGNH&FGVGTOKPCVKQP' >CMG UQOGVJKPI CU UKORNG CU YJGVJGT C OGFKECN VTCKPGG ECP RGTHQTO C RGNXKE GZCO QP CP WPEQPUEKQWU YQOCP YKVJQWV JGT EQPUGPV' 4V KU EQOOQP RTCEVKEG% CNVJQWIJ RGTJCRU D

## 44' =)\*%, #% !01 - 1&&%#1 - & /%/1!), 2!)\*2/%01 - / - + .\*4 3)1(; ;!1)%, 10)/%#1) - ,0

3 CXKPI EQPUKFGTGF YJCV VJG <GUVCVGOGPVaU KPHQTOGF EQPUGPV RTQXKUKQPU FQ% 4 VWTP VQ QPG KUUWG CDQWV EQPUGPV VJCV VJG <GUVCVGOGPV NGCXGU WPTGUQNXGF, VJG NGICN EQPUGSWGPEGU QH RTQXKFGTUa HCKNWTG VQ EQORN[ YKVJ RCVKGPVaU MPQYP EJQKEGU'

/ QPUKFGT VYQ J [ RQVJGVKECN UKVWCVKQPU,

"(# 8 CT[ JCU CFXCPEG FKTGEVKXG VJCV UC[U UJG FQGU PQV YKUJ VQ TGEGKXG ECTFKQRWNOQPCT[ TGUWUEKVCVKQP "/; <#\ DWV JGT CWGPFKPI FQEVQT FQGU PQV EQPUWNV KV' - U C TGUWNV\ UJG KU TGUWUEKVCVGF CICKPUV JGT YKUJGU CPF URGPFU JGT NCUV OQPVJU KP C EQPFKVKQP UJG CNYC[U YCPVGF VQ CXQKF'

")# 5QG JCU CP CFXCPEG FKTGEVKXG VJCV JG YCPVU GXGT[[GT

'\*%+, ) \$# "+\*-\$\*. '\* . &\$ \*\$1 , \$-.!.\$) \$\*.

YJGP C RCVKGPV HCKNU VQ TGEGKXG VJG OGFKECN VTGCVOGPV VQ YJKEJ VJG RCVKGPV EQPUGPVGF'"&

444' / - , #\*2\$), '>(-2'(10)

>JG PGY <GUVCVGOGPV CFFU VTGOGPFQWU XCNWG KP OCMKPI VJG PCVKQPaU Ogfkecn ocnrtcevkeg ncy% kpenwfkpi vjg ncy qh kphqtogf eqpugpv% ceeguukdng VQ vjg dct% jgcnvj ectg rtqhguukqpcnu% cpf vjg rwdnke' 9 gxgtvjgnguu% kv yqwnf Dgpghkv htqo c oqtg pwcpegf% oqfgtp fghkpkvkqp qh vjg rtqxkfgt&egpvtke Crrtqcej% cpf yqwnf cff cffkvkqpcn xcnwg d[ rtqxkfkpi Itgcvgt Iwkfcpeg qp NKcDknkv[ yjgp rcvkgpv ykujgu ctg fkutgurgevgf'

<sup>(, \$ \*=\$ ?</sup> HXQVXPL ? HN[PXL CJ0[SZ`\$ - FDB . C-DFB<; \*DCG<CH HD 49H%<CH %& \*?D%:<' ( 3<K 4FDH<:H<; .CH<F<GH\$ 0, G+2. >k<k )(0\$ )\*(b\*) !(0/," !KLYJXPIPUN IVZO YPZ[HZPVUY HY PTWSPJHZPUN WHZPLUZYE H[ZVUVT\_ PUZLXLYZY"k