

Instruction for TLSv1.2 Setup

Contents

Α.	В	rowser Setup2				
а		Browser Compatibility Setting:2				
b		Add to Trusted Site:				
C		TLS – Setup for IE				
d	•	TLS – Browser Compatibility Check7				
Β.	JA	AVA Set up and compatible JAVA Versions8				
а	•	Install Java Runtime Environment (JRE) 1.88				
b	•	Compatible JAVA Versions				
C.	JA	AVA Console and URL Compatibility12				
а	•	Add to Java Site List				
b	•	Security Medium13				
C		TLS – Set up:				
D.	С	hecking JAVA Installation16				
E.	D	os AND Don'ts20				



A. Browser Setup

a. Browser Compatibility Setting:

This site is best viewed in Internet Explorer 9.0. Internet Explorer 8 and Windows XP are no more compatible due to vulnerabilities – Please visit below link for more details https://www.microsoft.com/en-us/WindowsForBusiness/end-of-xp-support

If you are using Internet Explorer 10 or above then enable compatibility view available under Tools menu as:

Open an Internet Explorer page – Tools - Compatibility View Settings –

URL of following web sites needed to key-in in the 'Add this website' edit box one by one and click 'ADD" button.

For BHEL: <u>https://bheleps.buyjunction.in</u> For PGCIL: <u>https://pgcileps.buyjunction.in</u> For QEPS: <u>https://eps.buyjunction.in</u> For BHEL Demo: <u>https://bheldemo.buyjunction.in</u> For PGCIL Demo: <u>https://pgcildemo.buyjunction.in</u> For QEPS Demo: <u>https://qepsdemo.buyjunction.in</u>

Compatibility View Settings	×
You can add and remove websites to be display Compatibility View.	/ed in
Add this website:	
	Add
Websites you've added to Compatibility View:	
buyjunction.in	Remove
Include updated website lists from Microsoft	
Display intranet sites in Compatibility View	
Display all websites in Compatibility View	
	Close



b. Add to Trusted Site:

Open an Internet Explorer page - Tools - Internet Options - Security tab – Select Trusted Sites – click Sites

URL of following web sites needed to be key-in to the edit box under 'Add this website to the zone:' and click 'Add' button one by one

For BHEL: <u>https://bheleps.buyjunction.in</u> For PGCIL: <u>https://pgcileps.buyjunction.in</u> For QEPS: <u>https://eps.buyjunction.in</u> For BHEL Demo: <u>https://bheldemo.buyjunction.in</u> For PGCIL Demo: <u>https://pgcildemo.buyjunction.in</u> For QEPS Demo: <u>https://qepsdemo.buyjunction.in</u>

Internet Options		
General Security Privacy Content Connections Programs Adv	anced	
Select a zone to view or change security settings.	_	Trusted sites
Internet Local intranet Trusted sites Restricted sites		You can add and remove websites from this zone. All websites in this zone will use the zone's security settings.
Trusted sites	~ 4	Add this website to the zone:
This zone contains websites that you trust not to damage your computer or	_ T	https://bheldemo.buyjunction.in Add
your files.		Websites:
You have websites in this zone.		Remove
Security level for this zone		
Allowed levels for this zone: All		
- I - Medium-low		
Appropriate for websites on your local network		
(intranet)		Require server verification (https:) for all sites in this zone
- Most content will be run without prompting you - Unsigned ActiveX controls will not be downloaded		
- I - Same as Medium level without prompts		
Enable Protected Mode (requires restarting Internet Explorer)		
Custom level Default level		
Reset all zones to default level		
	-	
Some <u>settings</u> are managed by your system administrator.		
OK Cancel A	pply	



c. TLS – Setup for IE

Follow (i) – (iv) as described below with screen shots

(i) Internet Explorer → Tools → Internet Options

New Tab - Windows Internet Explorer provid	ded by Mjunction Services Limi	ted				6
🔾 🗢 🧭 about:Tabs	🗙 🕂 🗖 🤇	🔯 Welcome to 🔯	Welcome to	💱 Welcome to 🧟 mjunction.in	😚 Welcome to 🔿 buyjunc	tion.in 🥖 New Tab 🗙 🛛 🏠 🛣
File Edit View Favorites Tools Help					· ·	
Delete browsin InPivate Brow Trading Protect ActiveX Filterin Diagnose conn Reopen lists the Add ster to Sta	sing Ctrl+Shift+P ction g ection problems ovsing session	es				
View download Pop-up Blocker SmartScreen Fl Manage add-or	iter	ERIFY DIGITAL ERTIFICATE	Welcome to mjunction Enterprise Procurem	https://myportal.mju	Welcome to mjunction Enterprise Procurem	
Compatibility V Compatibility V						
Subscribe to th Feed discovery Windows Upda	1	•	5			
F12 developer	tools					
Internet option	ns	elcome to mjunction nterprise Procurem		503 Service Unavailable	503 Service Unavailable	
		_	—	-	-	
ſ	Discover other sites you mi	ght like			Hide sites	
F	Reopen closed tabs 👻 📔 Re	open last session	InPrivate Browsing			

🌋 Start 📀 🎯 Ma... 🐊 Fi)... 🦉 Re... 👳 Re... 😒 St... 🗰 DB... 💷 M... 🥐 Ed... 😼 17... 🗞 17... 🧞 Co... 🔌 SQ... 🗍 Un... 🕎 Br... 🗊 TL... 🔯 Co... 🛃 Ja... 🧔 Un... Desktop » 🎗 🕞 🛱 🖗 🔥 12:29 PM 💻



(ii) Click on Advance

Alew Tab-Windows Internet Explorer provided by Hjunction Services Limited									
🕞 🕞 > 🥖 about:Tabs P 🗹 👉 🗙 🛐 Weld	ome to 😚 Welcome to	. 🔯 Welcome to 🔯 V	Velcome to 🧟 mjunction.in	🔯 Welcome to 😽 Welcome	e to 🥔 New Tab 🗙	₼ ☆ 🌣			
File Edit View Favorites Tools Help									
Internet Options 22 General Security Privacy Content Connections Programs Advance Settings Loss offware rendering instead of GPU rendering* Conscibility Always expand ALT text for images Enable Caret Browsing for new windows and tabs Move system caret with float/selection changes Priviate y system sounds Reset text size to medium for new windows and tabs Reset toxin text for new windows and tabs Reset text size to medium for new windows and tabs Reset toxin text for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium for new windows and tabs Reset text size to medium f	AL We	Come to mjunction rerprise Procurem	https://myportal.mju	Welcome to mjunction Enterprise Procurem					
Transing Automatically recover from page layout errors with Compa Close unused folders in History and Pavorites* Disable script debugging (Other) Disable script debugging (Other) Takes effect after you restart Internet Explorer Restore advanced settings		lcome to mjunction terprise Procurem	503 Service Unavailable	503 Service Unavailable					
Resets Internet Explorer's settings to their default Reset You should only use this if your browser is in an unusable state. Image: Some settings are managed by your system administrator. OK Cancel Apply	ion InPrivate Br	owsing		Hide sites					

灯 Start 💿 🎯 Ma... 🐊 Fi/... 🦉 Ne... 👳 Re... 🕞 St.... 🗰 DB... 💷 M.... 🥐 Ed... 🖏 17... 🗞 17... 🧞 Co... 🤌 SQ...] Un... 🕎 Br... 🗊 Π.... 🔯 Π....] Δι...] Δι...] Desktop » 🏝 🕞 🛱 👰 🔥 12:33 PM 🜉

(iii) Pull down scroll bar to end

Welcome to mjunction Enterprise Procurement System - Windows Internet E	xplorer	_ @ ×
🚱 🗢 🛐 https://iepsdemo.buyjunction.in/IEPS 🔎 💌 🚱 🦛 🗙 👔	🐉 Welcome to mjunction Enterpris 🛛 🛐 Welcome to mjunction Enter 🗙 📑 503 Service Tempora	arily Unavail 🥥 qepsdemo.buyjunction.in/cheps 🕥 🏠 🔅
File Edit View Favorites Tools Help		
Interest Options SIGN IN REGISTR Sign IN REGISTR Notice Enable DOM Strage Strings Enable DOM Strage Strings Enable Strings are implement of the string in the st		Saturday, March 19, 2016 12:19145 AM Saturday, March 19, 2016 12:19145 AM Saturday, March 19, 2016 12:19145 AM USER CODE PASSWORD ORGANIZATION CMMG SUBMIT Forgot Password? New User? Main Dask For any queries please feel free to call us on our Toll Free four Website. Main Dask Registration If you are not registered with us you can mail us at sps.customecare@mjunction.in CMM Complain/Feedback If you are registered with us you can mail us at sps.customecare@mjunction.in CCHP (Customer Complaint Handling System)
		🔍 100% 👻 //
灯 Start 💮 Mail 🥂 Wel 💿 📵 SSL 🚹 F:\s 🚱 Stic 🕼 Ph	o 💷 Win 📷 Adm 📷 Adm 🍢 172 🛼 172 🛼 172 🧞 172	- 📕 Edit 🐨 Doc Desktop » 🎓 🗁 👘 🕼 🗐 12:24 AM 🜉



(iv) Check the check box against Use TLS 1.2 as shown picture bellow & click Apply

Internet Options								
General Security Privacy Content Connections Programs Advanced								
Settings								
 Enable DOM Storage Enable Integrated Windows Authentication* Enable memory protection to help mitigate online attacks* Enable native XMLHTTP support Enable SmartScreen Filter Use SSL 2.0 Use SSL 3.0 Use TLS 1.0 Use TLS 1.1 Use TLS 1.2 Warn about certificate address mismatch* Warn if changing between secure and not secure mode Warn if POST submittal is redirected to a zone that does n 								
*Takes effect after you restart Internet Explorer								
Restore advanced settings								
Resets Internet Explorer's settings to their default Reset								
You should only use this if your browser is in an unusable state.								
OK Cancel Apply								



d. TLS – Browser Compatibility Check

NOT all browser version (Internet Explorer) will support TLSv1.2 protocol. You may check TLSv1.2 enable browser by visiting the below url.

https://en.wikipedia.org/wiki/Template:TLS/SSL support history of web browsers

Please note that in older browsers, you may not find **Use TLS 1.2** option as per below dialogue box and hence this browser is NOT compatible. You need to upgrade your browser to Internet Explorer 9 or above

Internet	Options					? 🛛		
General	Security	Privacy Con	itent Co	nnections	Programs	Advanced		
Setting	s							
	Empty Enable Enable Enable Enable Enable Use S: Use S: Use TI Warn Warn Warn	5L 3.0	ernet File indows A ection to I TP suppo Filter re addres ween sec	es folder wh uthenticatio nelp mitigat rt rt s mismatch sure and no	on* e online atta * t secure mo	acks*		
<		- iili				>		
*Та	kes effect (after you resta	rt Interne	-				
Decet 1	'nternet Ev	plorer cettings		Restore	advanced s	settings		
Reset Internet Explorer settings Resets Internet Explorer's settings to their default condition . You should only use this if your browser is in an unusable state.								
			ОК		ancel	Apply		



B. JAVA Set up and compatible JAVA Versions

- a. Install Java Runtime Environment (JRE) 1.8
 - 1. Please install Java Runtime Environment (JRE) 1.8
 - 2. Click Control panel
 - 3. Click on Java icon in Control panel, following dialogue box will come

🛓 Java Control Panel			_ 🗆 🗙
General Update Java Security Advanced			
About			
View version information about Java Control Panel.			
			About
Network Settings			<u>ng</u> oddin
		2	- the set of the
Network settings are used when making Internet connections. settings in your web browser. Only advanced users should more			ise the network
		Network	Settings
Temporary Internet Files			
Files you use in Java applications are stored in a special folder advanced users should delete files or modify these settings.	for quick ex	ecution lat	er. Only
	Settings	s	View
Java in the browser is enabled.			
See the Security tab			
	ОК	Cancel	Apply



ne Environ	ment Settings			
em				
Product	Location	Path	Runtime Parameters	Enabled
1.8.0_73	http://java.s	C:\Program Files\Jav]	v
1.7.0_25	http://java.s	C:\Program Files\Jav		
		Find	d Add	Remove
			ОК	Cancel
	Product 1.8.0_73	Product Location 1.8.0_73 http://java.s	Product Location Path 1.8.0_73 http://java.s C:\Program Files\Jav 1.7.0_25 http://java.s C:\Program Files\Jav	Product Location Path Runtime Parameters 1.8.0_73 http://java.s C:\Program Files\Jav 1.7.0_25 http://java.s C:\Program Files\Jav Find Add

4. Click on Java ->View, following dialogue box will come

5. Enable JRE 1.8 (if not enabled already) and Disable all other JRE's (if not disabled already)



ser Syste	_	ment Settings			
Platform	Product	Location	Path	Runtime Parameters	Enabled
1.8	1.8.0_73	http://java.s	C:\Program Files\Jav		V
1.7	1.7.0_25	http://java.s	C:\Program Files\Jav		
			Find	i Add	Remove
				ОК	Cancel

6. Click OK

b. Compatible JAVA Versions

a) Platform – Windows 7/8/ IE 9/10/11/64 Bit

- 1. Please Install Java 1.8 Update 73/74 (Both 32 & 64 Bit).
- 2. Also Please Un-install all other versions of Java present in the system.
- 3. Open your Internet Explorer (9/10) Go to tools Internet Options Security -Trusted Sites- Add the "bheleps.buyjunction.in" URL.
- 4. Tools Internet Options Manage Add On's Enable all Java Plug INS.
- 5. Tools Internet Options Security Custom Level Reset to medium Low.
- 6. Control Panel Java Security Lower the status Bar to medium.
- 7. Control Panel Java Advanced Enable Logging in.

b) Platform-Windows 10/IE11/Edge/64 Bit:

- 1. Type the website address on Microsoft Edge
- 2. On the extreme Right Hand side, you will find 3 dots, please click on the same & choose 'Open with Internet Explorer'
- 3. Please Install Java 1.8 Update 73/74 (Both 32 & 64 Bit)
- 4. Then Follow the same settings as mentioned above.



- c) For Windows 7, 8, 10 with 32 Bit Systems Only Install the 32 Bit Java.
- d) All required Java downloads can be obtained from <u>java.com</u> / www.filehorse.com



C. JAVA Console and URL Compatibility

To allow the browser to launch the JAVA application, the designated/required sites need to be added to the JAVA site list. The steps are provided below:-

a. Add to Java Site List

Start - Control Panel - Java - Security tab - Click "EDIT SITE LIST" button - ADD – type url (as mention below) to use, -Click ADD button to save - OK.

For BHEL: <u>https://bheleps.buyjunction.in</u> For PGCIL: <u>https://pgcileps.buyjunction.in</u> For QEPS: <u>https://eps.buyjunction.in</u> For BHEL Demo: <u>https://bheldemo.buyjunction.in</u> For PGCIL Demo: <u>https://pgcildemo.buyjunction.in</u> For QEPS Demo: <u>https://gepsdemo.buyjunction.in</u>

🛃 Java Control Panel	🛃 Exception Site List
General Update Java Security Advanced	Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.
 Security level for applications not on the Exception Site list Very High Only Java applications identified by a certificate from a trusted authority are allowed to run, and only if the certificate can be verified as not revoked. High Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified. 	Location ttps://eps.buyjunction.in https://epsdemo.buyjunction.in https://pgdiemo.buyjunction.in https://pgdiemo.buyjunction.in https://pgdiemo.buyjunction.in https://pgdiemo.buyjunction.in https://procurement.metaijunction.com https://orensdemo.buyjunction.in https
Exception Site List Applications launched from the sites listed below will be allowed to run after the appropriate security prompts. http://javatester.org http://jocalhost https://bheldemo.buvjunction.in Restore Security Prompts Manage Certificates	OK Cancel
OK Cancel Apply	



b. Security Medium

Start - Control Panel - Java - Security tab - Select the security level scroll bar - Pull down [or select radio button] it to MEDIUM and click Apply

🕌 Java Control Panel		_ 🗆 🗙		
General Update Java Security Ad	dvanced			
☑ Enable Java content in the browser	r			
Security level for applications not on t	the Exception Site list			
O <u>V</u> ery High				
Only Java applications identified by a certificate from a trusted authority are allowed to run, and only if the certificate can be verified as not revoked.				
High Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified.				
Exception Site List Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.				
http://javatester.org http://localhost https://bheldemo.buyjunction.in	▲ Edit <u>S</u> ite List			
	<u>R</u> estore Security Prompts <u>Manage Certificate</u>	s		
	OK Cancel	Apply		



c. TLS – Set up:

Follow (i) – (iii) as describe below with screen shots

(i) Click on Advance tab, following dialogue box will come

🛓 Java Control Panel	
General Update Java Security Advanced	
Debugging	<u> </u>
Enable tracing	
Enable logging	
Show applet lifecycle exceptions	
Java console	
Show console	
O Hide console	
O Do not start console	
Default Java for browsers	
Microsoft Internet Explorer	
Mozilla family	
Java Plug-in	
Enable the next-generation Java Plug-in (requires browser restart)	
Shortcut Creation	
O Always allow	
O Always allow if hinted	
O Prompt user	
Prompt user if hinted	
O Never allow	
JNLP File/MIME Association	
O Always allow	
Prompt user	
O Never allow	
Application Installation	
 Install if hinted 	
O Install if shortcut created	
 O Install if hinted and shortcut 	
O Never install	
Secure Execution Environment	_
	Analy
OK Cancel	Apply



(ii) Pull down scroll bar, Ensure the following settings are done as shown in below dialogue box:

- a. Use SSL 2.0 is unchecked
- b. Use TLS 1.0 is checked
- c. Use TLS 1.1 is checked
- d. Use TLS 1.2 is checked

General Update Java Security Advanced Image: Optimized status Image: Optimized status All certificates in the chain of trust Image: Optimized status Image: Optimiz	٦	
Do not check (not recommended) Check for signed code certificate revocation using Certificate Revocation Lists (CRLs) Online Certificate Status Protocol (OCSP)		
Check for signed code certificate revocation using Certificate Revocation Lists (CRLs) Online Certificate Status Protocol (OCSP)		
Certificate Revocation Lists (CRLs)		
Online Certificate Status Protocol (OCSP)		
Both CRLs and OCSP	L	
Perform TLS certificate revocation checks on	I	
Server certificate only		
······ line All certificates in the chain of trust		
Do not check (not recommended)		
Check for TLS certificate revocation using		
Certificate Revocation Lists (CRLs)		
Online Certificate Status Protocol (OCSP)		
Both CRLs and OCSP		
Advanced Security Settings		
Enable the operating system's restricted environment (native sandbox)		
Use certificates and keys in browser keystore		
Enable blacklist revocation check		
Enable caching password for authentication		
Use SSL 2.0 compatible ClientHello format		
Use TLS 1.0		
Use TLS 1.1		
Use TLS 1.2		
Miscellaneous		
Store user settings in the roaming profile		
Place Java icon in system tray		
Suppress sponsor offers when installing or updating Java		
OK Cancel Apply		

(iii) Click Apply and then OK



D. Checking JAVA Installation

To access Digital certificate for Signing & Encryption/Decryption based solution, an appropriate java version must be installed into the system and also plugged-in with the browser. To ensure such installation along with plugged-in with browser, perform any one of the following options. On completion of any one of the option, it will display java version installed in your system ensuring that this version is plugged-in with the browser.

(a) **Option-1:** Conduct testing by using http://javatester.org/

STEP 1: Open IE STEP 2: type **javatester.org** in address bar **Observation:** Below page will display (look at the arrow)



STEP 3(a): Click *test the java version used in this browser* (above screen shot). **Observation**: Message in red-circle, which display java version, this ensures the presence of java along with version information. If the version is displayed correctly then it means that the Browser is recognising the java installed in your system. This also means that the Installed java is working properly





STEP 3(b): If java is either **NOT** working properly or **NOT** installed in your machine, display page will looks like as below:

🜔 Java Tester - V	🔁 Java Tester - What Version of Java Are You Running? - Windows Internet Explorer				
C	http://javatester.org/version.html 🔎 🔄 🛠 🐹 Welcome 🕅 Welcome 📓 Welcome 📓 Welcome 🦓 Welcome 🦓 buyluncti 🥥 mjunctio 🌾 (n)Code 🧔 New Tab 🗾 Java >	× _ în ☆ 🕸			
File Edit View	iew Favorites Tools Help				
Java Tester Website by Michael Horowitz					
Home	See my Defensive Computing blog at Computerworld.com				
Java	What Version of Java Are You Using?				
	Version On a computer with multiple web browsers, be sure to check the Java version in every browser. I say this because multiple copies of Java can sometimes be installed with different browsers using different copies. Also, Java can be enabled in one browser and disabled in another.				
Java News	Java Neter The prefer of Java Methods are compared to be slider the Java Day for the Java Method Methods (1944)				
Installing Java					
Other Testers					
JavaScript					
About	The version and vender from the IRE				
	If Java is working, you will see a principle characterized on with one line of text that says something like:				
	Jave Version 1.8.0 25 from Oracle Corporation or				
	Java Version 1.7.0_67 from Oracle Corporation or Java Version 1.6.0 45 from Sum Microsystems Inc. or				
	Java Version 1.6.0_33 from Apple Inc.				
	Version number translation: 1.6.0_34 is, in English, Java 6 Update 34 The initial *1* is ignored as is the third digit. Ask Oracle why.				
🎝 Start 📀 🎯 Jav] 🖢 Di] 🖉 mm] 🦉 Jav] 🔮 SSL] 🕾 Ste ! 🛃 Edit] 🕼 sw ! 👼 Re ! 🏷 172 ! 🖏 172 ! 🐯 I30K ! 🔯 WI ! 🐼 WI ! 🐼 Dok] 🐼 Unt ! 🖓 Sni] Desktop » 😩 🎼 🛱 🕼 🔇 1:33 PM 🔳					

In this case download latest version of java from http://www.oracle.com/technetwork/java/javase/downloads/index.html and install in your machine.

TS01/JAN-2014

Confidential



(b) **Option-2:** Conduct testing by using Verify java link in java.com https://www.java.com/en/download/installed.jsp

STEP 1: Open IE STEP 2: type <u>https://www.java.com/en/download/installed.jsp</u> address bar **Observation**: Following page will display with 'Agree and Continue' button

E Verify Java Version - Windows Internet Explorer	
🚱 🗢 📓 https://www.java.com/en/download/i 🔎 🚽 Identi 🐓 🗙 👔	3] Welco 👔 Welco 🛐 Welco 👔 Welco 🥥 buyjun 🥥 Employ 🥥 (n)Cod 🥥 New Tab 🗾 Java T 🛃 Vert 🗙 🚺 🛠 🔅
File Edit View Favorites Tools Help	
الله المعالم المعام معام	<mark>Search ସ୍</mark> Download Help
Help Resources	Verify Java and Find Out-of-Date Versions
 What is Jana? Remove Older Versions Disabio Java Error Messaces Troubleshoot Java Other Help 	Check to ensure that you have the recommended version of Java Installed on your Windows computer and identity any versions that are out of date and should be uninstalled.
All Java Downloads	
If you want to download Java for another computer or Operating System, dick the link below.	By clicking Agree and Continue, you acknowledge that you have read and accepted the <u>license terms</u> for the verify and find old versions feature.
<u>Ali Java Downloads</u>	After clicking the button, the Java detection app will ask for permission to run. Click Run to allow the application to continue.
	If you recently completed your Java software installation, restart your browser (close all browser windows and re-open) to enable the newly installed Java version in the browser. Javascript must also be enabled.
	If you prefer to simply verify your Java version and not accept the license terms, you can do so from the <u>verification page</u> .
<u>Select Language</u> <u>About Jav</u> Privacy Terms of Use Tra	a Support Developers Feedback ORACLE
	± €,100% •
🎝 Start 👩 😡 Ja 🕞 D:\ 👂 mm 🧖 Ver 😻 SS 🎼 Sti 4	📲 Ed 🕼 sv 😼 Re 😼 17 😼 17 📷 Sy 📷 3D 📷 WI 🐼 Co 💿 Un 😪 Sni Desktop » 🎗 👩 😿 🛱 📣 💊 2:30 PM 💻



STEP 3: Click Agree and Continue

Observation: Below screen will appear which displaying message about the existing java version in your system along with latest available version.



STEP 4: If java version displayed in above screen is version 8 with update xx or more, it will work.



E. Dos AND Don'ts

	Do's	Don'ts
JAVA	 Install JAVA 1.8 with latest updated o Keep only one JAVA 1.8 installed in system. 	 Installing incorrect versions of JAVA Keeping all of them installed in user system
	Set JAVA Security to Medium	Setting JAVA Security to High or Very High
Browser	 Use Internet Explorer only Use I.E 9 or above. Set Compatibility mode properly for I.E 10 and I.E 11. 	 Using Mozilla Firefox, Chrome, Opera etc as browser Using I.E 8 and below. Setting Compatibility mode improperly for I.E 10 and I.E 11.
	• Enable Include Local Directory Path when uploading files to a server option in I.E->Tools->Internet Options- >Security->Custom Level-> Miscellaneous-> Before attaching any document during bid submission	• NOT Enabling Include Local Directory Path when uploading files to a server option beforehand and started attaching documents
Regional & Language Settings	• Set the Regional & Language Format in Control Panel to ENGLISH (UNITED STATES)	• Setting the Regional & Language Format in Control Panel to some options such as ENGLISH(INDIA) or ENGLISH(UNITED KINGDOM) etc
DSC	 The DSC requirement is CLASS 3- SHA 2- 2048 BIT SIGNING AND ENCRYPTION COMPONENT SEPARATELY. The DSC should not be expired The EToken Drivers must be installed properly Root Certificates must be installed 	 Using CLASS 1 or 2 DSC. Using only SIGNING certificate Or ENCRYPTION certificate Using Expired Certificate EToken Drivers Not installed or installed improperly Root Certificates Not installed
Registration in EPS / ID & Password / DSC Activation	 Register properly in EPS. The Supplier Name during registration in EPS must be same as the Supplier Name in DSC. Contact Helpdesk for DSC Activation 	 Incorrect / Incomplete Registration in EPS with Invalid PAN No. The Supplier Name during registration in EPS is different from Supplier Name in DSC.
Bid Submission	 Encrypt the attachments properly to generate files with .enc extension Check the size of the .enc files which must NOT be 0 KB. Upload the .enc files properly at proper place. Post submission of bid, download the attachments and decrypt to ensure that attachments has been uploaded properly and corrupted files were NOT attached Submit bid well before tender due date to avoid last minute issues and for peace of mind 	 Improperly encrypting documents generating corrupted files of 0 KB NOT Checking the size of the .enc files NOT Uploading the .enc files . Rather trying to upload .pdf, .xlsx etc (unencrypted) files Post submission of bid, NOT checking the uploaded files by decrypting Submitting bid at last minute which is prone to errors and corrupted bid submission