

Corrigendum-1 dated 04.10.2018

For Twelve (12) Tenders

No: 1 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/EQ25, dated 20/09/2018

For the Interior & Exterior decoration of DHI Centre of Excellence in Advanced Manufacturing Technology

Part-B (Maximum Marks: 20)									
Table Published in the Tender				Revised Table					
Sl. No.	Items	Evaluation Mode		Maximum Marks	Sl. No.	Items	Evaluation Mode		Maximum Marks
4.	Similar turnkey project carried out by the bidder in a single PO.	Upto 20 lakhs	0 Marks	20 Marks	4.	Similar turnkey project carried out by the bidder in a single PO.	Upto 20 lakhs	0 Marks	20 Marks
		Upto 30 lakhs	5 Marks				More than 20 lakhs AND upto 30 lakhs	5 Marks	
		Upto 40 lakhs	10 Marks				More than 30 lakhs AND upto 40 lakhs	10 Marks	
		More than 40 lakhs	20 Marks				More than 40 lakhs	20 Marks	

No: 2 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/EQ26, dated 24/09/2018

For the Infrared Camera to analyze online / offline data

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	15.10.2018 (Monday) at 17:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:30 Hrs. (IST)	22.10.2018 (Monday) at 15:30 Hrs. (IST)

No: 3 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/EQ27, dated 24/09/2018

For the supply, commissioning, and training of Power Sensor

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	15.10.2018 (Monday) at 17:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:30 Hrs. (IST)	22.10.2018 (Monday) at 15:30 Hrs. (IST)

No: 4 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018

For the Robotic welding facility (turnkey solution)

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	15.10.2018 (Monday) at 17:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:30 Hrs. (IST)	22.10.2018 (Monday) at 15:30 Hrs. (IST)

General information:

This document contains the **new detailed specifications** in addition to those specifications mentioned in the tender document **Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018** for Robotic welding facility (turnkey solution). The basic information about the requirement can be found from the tender document with the reference number mentioned above (in page 2 of that document).

Note: The bidder must mention the individual cost of each of the solutions as mentioned in the tender document **Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018** in their price bid. The required solutions include the following:

<i>Annexure-1</i>	<i>Robotic MIG/MAG and TIG welding</i>
<i>Annexure-2</i>	<i>Robotic Spot welding</i>
<i>Annexure-3</i>	<i>Robotic Laser cutting and welding (optional)</i>
<i>Annexure-4</i>	<i>Job-holding robot</i>
<i>Annexure-5</i>	<i>3-axis Job-positioner</i>
<i>Anexure-6</i>	<i>Supplementary information</i>

Annexure-1

Robotic MIG/MAG and TIG welding

In the previous tender document, Annexure-1 “Robotic MIG/MAG and TIG welding” of Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution), it has been mentioned that supplier can quote for two robots, one for MIG/MAG welding and other for TIG welding. In case, both the welding units will be handled by one robot, then the supplier must include an automatic tool changer facility (i.e., from MIG/MAG to TIG and vice versa). The below mentioned table specifies the modified requirement.

Specification	Mentioned requirement (old)	Modified requirement
<i>A1. Welding requirement (MIG/MAG)</i>		
Mains supply voltage	3x400 ± 10% V	3x400 ± 10% V or better
Number of phases	3	3
Supply frequency	50/60 Hz	50/60 Hz
Input power	Within 27 kVA	Within 27 kVA
No load power	Maximum 50 W	Maximum 50 W
Open circuit voltage	< 90 V	< 90 V
Output Range	16-500 A	16-500 A or better
Permitted load at 100% duty cycle	> 90 %	350 A or better

Power factor	85 % or better	> 90%
Efficiency at maximum current	-10 to 40°C	85% or better
Operating temperature	IP23	-10 to 40 °C
Degree of protection	H	IP23
Application class	S	S
Standards of conformity	EN 60974 -1, -2 and -10	EN 60974 -1, -2 and -10
Cooling capacity	1.5 kW or more	1.5 kW or better
Coolant volume	5 litres or more	5 litres or more
Flow rate of coolant	2 l/min or more	2 l/min or more
Pressure	3 bar or more	3 bar or more
Machine must have a pulsed MIG welding mode where pulse frequency can be controlled and modified as per the user requirement in order to have faster welding speeds compared to the normal pulse mode.		
A2. Welding requirement (TIG)		
Mains supply voltage	-	3 x 400 ± 10% V AC or better
Number of phases	-	3
Supply frequency	-	50/60 Hz
Input power	-	Within 18 kVA
No load power	-	Maximum 50 W
Starting method of TIG arc ignition	-	High frequency ignition
Open circuit voltage	-	< 90 V
Output Range	-	16-500 A
Permitted load at 100% duty cycle	-	350 A or better
Pulse frequency	-	0.2 to 2 kHz or better

AC frequency for aluminum welding	-	40 to 250 kHz or better
Starting current	-	0 to 200 % of the welding current
Ending current	-	0 to 100 % of the welding current
Up slope and down slope time	-	0 to 9.9 sec
Power factor	-	> 90%
Efficiency at maximum current	-	85% or better
Operating temperature	-	-10 to 40 °C
Degree of protection	-	IP23
Application class	-	S
Standards of conformity	-	EN 60974 -1, -2 and -10
Cooling capacity	-	1.5 kW or better
Coolant volume	-	5 litres or more
Flow rate of coolant	-	2 l/min or more
Pressure	-	3 bar or more

B. Robot wire feeder

Supply voltage	24V DC/60V DC	24V to 60 V DC	
Wire feed speed	1-25 m/min	MIG/MAG	1 to 25 m/min or more
		TIG	0.1 to 10 m/min or more
Wire drive	4 roller drive	4 roller drive	
Speed control	Pulse encoder	Pulse encoder	
Enclosure class	IP 2X	IP 2X	
Standards	IEC 60974-5, IEC 60974-10	IEC 60974-5, IEC 60974-10	

C. Wire dimensions

Steel	0.6-1.6 mm or more	0.6-1.6 mm or more
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Stainless steel	0.6-1.6 mm or more	0.6-1.6 mm or more
Aluminum	0.6-1.6 mm or more	0.6-1.6 mm or more
Cored wire	0.6-1.6 mm or more	0.6-1.6 mm or more

D. Robotic MIG/TIG torches

Collision resistant design

Optimized shielding

Touch sense

E. Automatic torch cleaner and wire cutter (optional)

F. Must weld thin sheets (0.5 mm) and dissimilar materials such as steel to aluminum (sheets and plates)

G1. Robot requirements (for MIG/MAG welding)

Robot reach	1800 mm or more	1400 or more				
Rated payload	20 kg or more	10 Kg				
Positional repeatability	As per ISO 9283 standard	± 0.04 mm (as per ISO 9283 standard)				
Protection rating (IEC 60529)	IP65	IP 54				
Protection rating in line wrist (IEC 60529)	IP65	IP 54				
Range of axes movements and speeds	Rotating column	Range: ± 180° or wider Speed: Minimum 190 °/sec	Rotating column	Range: ± 170° or wider Speed: Minimum 220 °/sec		
	Linking arm	Range: - 175° /55° or wider Speed: Minimum 170 °/sec	Linking arm	Range: - 185° /65° or wider Speed: Minimum 210 °/sec		
	Arm	Range: -120° /170° or wider Speed: Minimum 180 °/sec	Arm	Range: -135° /160° or wider Speed: Minimum 270 °/sec		
	Wrist	Pitching	Range: ± 320° or wider Speed: Minimum 400 °/sec	Wrist	Pitching	Range: ± 185° or wider Speed: Minimum 380 °/sec
		Yawing	Range: ± 120° or wider Speed: Minimum 400 °/sec		Yawing	Range: ± 120° or wider Speed: Minimum 310 °/sec
		Rolling	Range: ± 320° or wider		Rolling	Range: ± 350° or wider

			Speed: Minimum 600 °/sec			Speed: Minimum 490 °/sec	
G2. Robot requirements (for TIG welding)							
Robot reach	1800 mm or more			1400 or more			
Rated payload	20 kg or more			10 Kg			
Positional repeatability	As per ISO 9283 standard			± 0.04 mm			
Protection rating (IEC 60529)	IP65			IP 54			
Protection rating in line wrist (IEC 60529)	IP65			IP 54			
Range of axes movements and speeds	Rotating column	Range: ± 180° or wider Speed: Minimum 190 °/sec		Rotating column	Range: ± 170° or wider Speed: Minimum 220 °/sec		
	Linking arm	Range: - 175°/55° or wider Speed: Minimum 170 °/sec		Linking arm	Range: - 185°/65° or wider Speed: Minimum 210 °/sec		
	Arm	Range: -120°/170° or wider Speed: Minimum 180 °/sec		Arm	Range: -135°/160° or wider Speed: Minimum 270 °/sec		
	Wrist	Pitching	Range: ± 320° or wider Speed: Minimum 400 °/sec		Wrist	Pitching	Range: ± 185° or wider Speed: Minimum 380 °/sec
		Yawing	Range: ± 120° or wider Speed: Minimum 400 °/sec			Yawing	Range: ± 120° or wider Speed: Minimum 310 °/sec
		Rolling	Range: ± 320° or wider Speed: Minimum 600 °/sec			Rolling	Range: ± 350° or wider Speed: Minimum 490 °/sec
<p><i>For H to K points; please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018.</i></p>							

Annexure-2

Robotic Spot welding

This below mentioned table specifies the modified robot requirements against those mentioned in the previous tender document, Annexure-2 “Robotic Spot welding” of Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution). In addition to the above, it is also being specified through this corrigendum that the required linear track as mentioned in Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 is now an optional feature. However, the supplier must quote for the linear track along with the robotic spot welding facility.

Specification	Requirement (old)	Modified requirement				
<i>For points A, C, D, and E; please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018.</i>						
B. Robot requirements (for Spot welding)						
Robot reach	2700 mm or more	2650 or more				
Rated payload	240 kg or more	210 Kg				
Positional repeatability	± 0.06 mm or better	± 0.06 mm				
Range of axes movements and speeds	Rotating column	Range: ± (180° to 190°) Speed: Minimum 100 °/sec	Rotating column	Range: ± 185° or wider Speed: Minimum 123 °/sec		
	Linking arm	Range: -140° to -5° Speed: Minimum 100 °/sec	Linking arm	Range: - 140°/-5° or wider Speed: Minimum 115 °/sec		
	Arm	Range: -120° to +140° Speed: Minimum 100 °/sec	Arm	Range: -120°/140° or wider Speed: Minimum 112 °/sec		
	Wrist	Pitching	Range: ± 320° or wider Speed: Minimum 400 °/sec	Wrist	Pitching	Range: ± 350° or wider Speed: Minimum 175 °/sec
		Yawing	Range: ± 120° or wider Speed: Minimum 400 °/sec		Yawing	Range: ± 125° or wider Speed: Minimum 170 °/sec
		Rolling	Range: ± 320° or wider Speed: Minimum 600 °/sec		Rolling	Range: ± 350° or wider Speed: Minimum 210 °/sec
F. Linear track (optional feature)						
This robot will be mounted on a linear track of length 4 m.						

Annexure-3

Robotic Laser cutting and welding

As mentioned in the previous tender document, Annexure-3 “Robotic Laser cutting and welding” of Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution), the Laser cutting and welding unit has been marked **OPTIONAL**. However, the supplier must quote for this facility. The below mentioned table specifies the modified robot requirements against those mentioned in the previous tender document, Annexure-3 “Robotic Laser cutting and welding” of Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution).

Specification	Requirement (old)		Modified requirement			
<i>For points A, B, C, D, E, and G; please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018.</i>						
F. Robot requirements (for Laser cutting and welding)						
Robot reach	2010 mm or more		2000 mm or more			
Rated payload	14 Kg or more		30 Kg			
Positional repeatability	± 0.04 mm or better		± 0.05 mm or better (High accuracy series required)			
Protection rating	IP 65		IP 64			
Range of axes movements and speeds	Rotating column	Range: ± 180° to 190° Speed: Minimum 200 °/sec	Rotating column	Range: ± 185° or wider Speed: Minimum 140 °/sec		
	Linking arm	Range: -180° to 65° Speed: Minimum 170 °/sec	Linking arm	Range: -135° / 35° or wider Speed: Minimum 125 °/sec		
	Arm	Range: -130° to +160° Speed: Minimum 180 °/sec	Arm	Range: -120° /150° or wider Speed: Minimum 140 °/sec		
	Wrist	Pitching	Range: ± 350° or more Speed: Minimum 420 °/sec	Wrist	Pitching	Range: ± 350° or wider Speed: Minimum 260 °/sec
		Yawing	Range: ± 120° or more Speed: Minimum 420 °/sec		Yawing	Range: ± 115° or wider Speed: Minimum 245 °/sec
		Rolling	Range: ± 350° or more Speed: Minimum 620 °/sec		Rolling	Range: ± 350° or wider Speed: Minimum 320 °/sec

Annexure-4

Job-holding robot

This below mentioned table specifies the modified robot requirements against those mentioned in the previous tender document, Annexure-4 “Job-holding robot” of Ref no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution).

Specification	Requirement (old)		Modified requirement			
<i>For point B; please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018.</i>						
A. Robot requirements						
Robot reach	1800 mm or more		2000 mm or more			
Rated payload	20 kg or more		30 Kg			
Positional repeatability	As per ISO 9283 standard		± 0.06 mm or better			
Protection rating	IP 65		IP 64			
Range of axes movements and speeds	Rotating column	Range: ± 180° or wider Speed: Minimum 190 °/sec	Rotating column	Range: ± 185° or wider Speed: Minimum 140 °/sec		
	Linking arm	Range: - 175° /55° or wider Speed: Minimum 170 °/sec	Linking arm	Range: - 135° / 35° or wider Speed: Minimum 140 °/sec		
	Arm	Range: -120° /170° or wider Speed: Minimum 180 °/sec	Arm	Range: -120° /150° or wider Speed: Minimum 140 °/sec		
	Wrist	Pitching	Range: ± 320° or wider Speed: Minimum 400 °/sec	Wrist	Pitching	Range: ± 350° or wider Speed: Minimum 260 °/sec
		Yawing	Range: ± 120° or wider Speed: Minimum 400 °/sec		Yawing	Range: ± 115° or wider Speed: Minimum 245 °/sec
		Rolling	Range: ± 320° or wider Speed: Minimum 600 °/sec		Rolling	Range: ± 350° or wider Speed: Minimum 320 °/sec

Annexure-5

Job-positioner

Please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018. There is no change of requirement.

Annexure-6

Supplementary information

In addition to the 7 points (i.e. from A to F) given in Annexure 6 “Supplementary information” of the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018 for Robotic welding facility (turnkey solution), the following below mentioned points must be included by the supplier. These requirements are generic for all facilities, i.e. robot assisted MIG/MAG, TIG, Spot, and Laser, and Job-holding robot.

<i>For A, C, D, E, and F points; please stick to the specifications mentioned in the tender document, Ref. no.: IIT/SRIC/CoE_AMT/DHI/2018/EQ28, dated 24/09/2018.</i>
Additional points:
B. Unloading, installation, and training
The bidder must take care of the unloading, installation, and commissioning of the entire unit at IIT Kharagpur. Performance and accuracies are to be demonstrated as per ISO standards on samples supplied by IIT- Kharagpur and, calibration standards supplied by the supplier. The supplier shall bring all necessary calibration standards for proving the machine accuracies with valid traceability certificates at IIT- Kharagpur.
G. Controller specifications
Windows 7 embedded based controller with max weight 60 kg (MIG/TIG robot controllers) & max weight 150 kg (Job-holding/spot welding/laser welding robot controllers).
Electronic calibration / mastering facility with single tool for mastering all axes.
Open architecture cabinet
Event logging facility
USB Drive for data backup
AC servo drives for all 6 degrees of freedom
Integrated oscilloscope function for robot diagnostics
Ports for additional keyboard, mouse and external monitor present in robot controller

Built in tool [DSE-RDW] for drive bus, servo drive, RDC failure analysis/troubleshooting	
Robot controller supports 4096 Inputs & 4096 outputs through Field bus systems	
Back-up batteries for power failure inside the controller, data back-up, keeping the controller on for up to 120 seconds or more.	
Different type of bus systems supported – Device Net, Ethercat, FSoe Ethercat, Profinet, Ethernet Ip, Profibus etc.	
SoftPLC Proconos option facility.	
<i>H. Teach pendant specifications</i>	
Hot plugable teach pendant	
6D mouse for jogging	
Touch screen display	8 inch or more
Axis controls	6 + 3
Integrated USB Connection	1

No: 5 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/EQ29, dated 24/09/2018

***For the supply, commissioning, and training of Acoustic Array
(Holography system)***

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	22.10.2018 (Monday) at 10:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	22.10.2018 (Monday) at 11:00 Hrs. (IST)	22.10.2018 (Monday) at 15:30 Hrs. (IST)

No: 6 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/MT01, dated 24/09/2018

For the supply of Magnesium (AZ31B) Sheets

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	15.10.2018 (Monday) at 17:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:40 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	15.10.2018 (Monday) at 17:50 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:45 Hrs. (IST)

No: 7 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/MT02, dated 24/09/2018

For the supply of Pure Tungsten Rod

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	15.10.2018 (Monday) at 17:00 Hrs. (IST)	22.10.2018 (Monday) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:40 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	15.10.2018 (Monday) at 17:50 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:45 Hrs. (IST)

For the supply of Inconel 718 Plate

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Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:40 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	15.10.2018 (Monday) at 17:50 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:45 Hrs. (IST)

For the supply of Commercial Aluminium and Pure Copper

Details	Date Published in the Tender	Revised Date
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Time and Date of Opening of Technical Bids	15.10.2018 (Monday) at 17:40 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	15.10.2018 (Monday) at 17:50 Hrs. (IST) (in SRIC Conference Room)	22.10.2018 (Monday) at 15:45 Hrs. (IST)

No: 10 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/MT05, dated 28/09/2018

For the supply of Aluminium AA6061-T651 and Pure Copper sheets

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	22.10.2018 (<i>Monday</i>) at 10:00 Hrs. (IST)	22.10.2018 (<i>Monday</i>) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	22.10.2018 (<i>Monday</i>) at 11:00 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	22.10.2018 (<i>Monday</i>) at 11:15 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:45 Hrs. (IST)

No: 11 => Ref. No: IIT/SRIC/CoE_AMT/DHI/2018/MT06, dated 28/09/2018

For the supply of Tungsten Carbide Rods and H13 Chromium-Molybdenum Steel rods

Details	Date Published in the Tender	Revised Date
Last Date and Time for submitting the tender document	22.10.2018 (<i>Monday</i>) at 10:00 Hrs. (IST)	22.10.2018 (<i>Monday</i>) at 15:00 Hrs. (IST)
Time and Date of Opening of Technical Bids	22.10.2018 (<i>Monday</i>) at 11:00 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	22.10.2018 (<i>Monday</i>) at 11:15 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:45 Hrs. (IST)

For the supply of High Strength Low Alloy (HSLA); (DUPLEX 2205) sheets

Details	Date Published in the Tender	Revised Date
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Time and Date of Opening of Technical Bids	22.10.2018 (<i>Monday</i>) at 11:00 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:30 Hrs. (IST)
Time and Date of Opening of Commercial Bids (<i>Price Bid</i>) of technically qualified vendors.	22.10.2018 (<i>Monday</i>) at 11:15 Hrs. (IST) (<i>in SRIC Conference Room</i>)	22.10.2018 (<i>Monday</i>) at 15:45 Hrs. (IST)

End
