



NIT # 2025Q4STEELPLTSHT for Procurement of Steel – Plates & Sheets

**Tender for Steel requirements across BHEL
(Steel - Plates & Sheets)
in Q4 – 2025-26**



**Unified Procurement Cell,
Corporate Office, New Delhi**

For any clarifications, kindly contact:

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NIT # 2025Q4STEELPLTSHT for Procurement of Steel – Plates & Sheets

Unified Procurement Cell (UPC), Corporate Office, BHEL Invites tenders for finalization of Framework Agreement for supply of Steel - Plates & Sheets in Q4 of FY 2025-26. Vendors are required to refer and comply to following instructions before participation in tender.

INSTRUCTION TO VENDOR FOR SUBMISSION OF OFFER FOR E-NIT:

1. E-NIT #2025_BHEL_55831_1 has been issued for finalization of framework agreement for Supply of Steel - Plates & Sheets from only those vendors, who have finalized Techno-commercial MOU with BHEL, and approved by the respective customers of BHEL.
2. This NIT is a **two-part** bid E-NIT. **Part I** (Techno-Commercial Bid) & **Part II** (Price bid).
3. The bidder shall submit bid against the tender on e-procurement platform at <https://eprocurebhel.co.in/> within due date/time of this tender. The bidder would be required to register on the e-procurement market place <https://eprocurebhel.co.in/> and submit their bids online. SEALED COVER BIDS/ E-MAILS / FAX / Manual offers will not be accepted. Amounts shall be indicated in figures in the bid format, wherein for each item corresponding value in words will appear automatically. Supplier may take cognizance of the quoted value in both figures and corresponding words for each item before submission of bid.
4. Below mentioned documents forms part of the of NIT. Vendor shall ensure the documents are uploaded in E-Procurement Portal as per instructions below.

Sl. No.	Type	DESCRIPTION	REMARKS
Part I (Techno - Commercial bid)			
1	Mandatory	Instructions for bidders	<p>The techno-commercial aspects of this tender shall be governed by the Techno-Commercial Memorandum of Understanding (TC-MoU) finalized between BHEL and Steel Producers.</p> <p>Hence, only those suppliers who</p> <ol style="list-style-type: none">1. have finalized the TC-MoU & its subsequent amendments for the supply of Steel - Plates & Sheets with BHEL prior to Part-I opening date of this tender, and2. are approved by the respective end customers for the tendered items, shall be considered for evaluation. <p><u>Document required against Part – I bid:</u></p>



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			i. Bidders must submit a signed & stamped copy of this document as a token of acceptance of T&C of the tender.
Part II (Price bid)			
1	Mandatory Fill and upload	Price Bid	<p>Bidders shall download the Price Bid format (BOQ Excel sheet) from the NIC e-Procurement Portal (EPS) and follow the steps below:</p> <ol style="list-style-type: none"> 1. Enter Vendor Code & Name in the designated space. 2. Fill in the Rate (Rs. per UoM) (including Freight) (Rs. per UoM) in the appropriate fields. 3. Validate the Excel sheet to ensure correctness. 4. Save the Excel sheet after validation. 5. Upload the Excel sheet in EPS and digitally sign it using the option available in EPS. <p>Note:</p> <ol style="list-style-type: none"> i. Bidders who are either not willing to quote or are not approved for the respective customer under a particular Rate Schedule should leave the corresponding field blank in the Price Bid.

5. In case of non-submission of above documents in requisite manner, offer submitted by Vendor may be rejected.
6. All other statutory documents such as Local Content Certificate (PPP-MII), Integrity Pact, Non-Disclosure Agreement, Restrictions under rule 144 (xi) of GFR 2017 etc. shall be governed as per General Conditions of Contract (GCC) of Techno-Commercial Memorandum of Understanding (TC-MoU) finalized between BHEL and steel suppliers.
7. Supplier shall be governed by the **MQP (manufacturers quality plan) (as applicable for newly approved suppliers)** for the respective project and they should factor in the same while submitting the bids. **Sample NTPC MQP** is attached for your reference; however, it is indicative only, as the actual MQP may vary during the execution of the Purchase Order for a specific project.
8. Suppliers shall quote only for those items agreed in the MOU. Offers, quoted for items not covered in MOU, will not be considered for evaluation and will be rejected.
9. **Evaluation criteria:** Tendered item(s) are required to meet the contractual requirements of our customers indicated in the tender. Evaluation will be **item-wise** and only those Bidders who have a valid Techno-commercial MOU with BHEL and approved by our respective end customers will only be qualified for the price bid opening for the given item/rate schedule.
10. **Evaluation Criteria in case of more than one L-1 bidder:** In the course of evaluation, if more than one bidder happens to occupy L-1 status for any item, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in



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the presence of the respective L-1 bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

11. **Item wise destination:** Item wise **tentative destinations for respective tendered items** (Rate Schedules) will be as per Annexure – C. Please note that destinations/locations (mentioned in Annexure – C) against **tendered quantity of each item (mentioned in BOQ sheet) are tentative**, Quantities of each tendered item may be redistributed among various Units/Regions/Divisions of BHEL, and purchase orders may be placed by any Unit/Region/Division of BHEL, as per actual requirements of BHEL, during the validity period of framework agreement.
12. **Offer validity:** Offer shall be valid up to **31.03.2026**. i.e., Quotations are being invited against tender for finalization of Framework Agreement against which ordering will be done up to 31.03..2026.
13. **Reverse Auction:** Reverse Auction **will not be conducted** against this tender.
14. If any supplier quotes against this tender, it will be deemed that the offer/price submitted is in line with the terms and conditions agreed in the MOU, without any deviation to the same. Any **discussion/clarification/deviation over specifications/size of tendered items** should be taken up by vendors before Part – I bid submission end date/time. Any deviation sheet submitted by vendor along with quotation shall be considered null and void, and vendor's quotation for those items (against which deviation is quoted) is liable for rejection.
15. **Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/> prior to despatch. All documents as per PO checklist , along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs five lakhs , in case they were not digitally signed and uploaded on the portal. The material will not be accepted inside BHEL/destination in absence of the above.**
16. To enable Vendor for submission of error-free offer, the following checklist has been provided. bidders may refer the same before submission of offer.

Sl. No.	CHECKLIST FOR SUBMISSION OF OFFER BY VENDORS
1.	Read and understand scope of work of NIT in conjunction with TC-MOU finalized with BHEL.
2.	Note the Unit of measurement in this tender. Care to be taken before offer submission.
3.	Note the offer validity and Framework Agreement validity.
4.	Read and understand the GST clause
5.	Read and Understand the BHEL Guidelines for Suspension of business dealings with suppliers/contractors (available at www.bhel.com) fully.
Note:	
1	The above checklist is only indicative and not exhaustive.



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2	Terms & conditions given in the NIT and TC-MOU (finalized with vendors before Part – I bid opening date of this tender) shall be final and binding on the bidder. Participation in the tender shall be deemed as acceptance to both NIT and TC-MOU by the respective bidders.
3	Bidders are strictly advised to read and understand terms & conditions given in all the sections of the NIT before submission of offer.
4	Any changes to offer after bid opening will NOT be entertained.

Enclosure:

1. Annexure-A- List of Rate Schedule
2. Annexure-C-Tentative delivery locations
3. BOQ_cum_Price Schedule
4. Sample MQP (for new Suppliers only)
5. Applicable TDCs

Sl. No.	Component & Operations	Characteristics	Class	Type of Check	Quantum of Check		Reference Document	Acceptance Norms	Format of Record		Agency			Remarks	
					M	C/N			D*	M	C	N			
1	2	3	4	5	6		7	8	9	D*	10 **			11	
1 MANUFACTURERS NAME & ADDRESS:															
MANUFACTURING QUALITY PLAN															
			ITEM	: REINFORCEMENT STEEL (TMT BAR)			MQP NO.	:	PROJECT			:			
							REV.	:	PACKAGE			:			
							DATE	:	CONTRACT NO.			:			
			SUB SYSTEM:				PAGE	:	MAIN CONTRACTOR			:			
								:				:			
2 RAW MATERIAL FOR TMT															
1.1	BILLETS: PHYSICAL TEST	Dimension, Surface finish, Defects, Bend, Camber Macro-examination	Major	Visual & Dimension	Adequate inspection to ensure the compliance		IIR	IS 2830	Review of Supplier's TC & IIR	TRUE	P	V	-		
1.2	BILLETS: CHEMICAL TEST	Chemical Composition	Major	Chemical Test	One Sample per Heat		IIR	IS 2830		TRUE	P	V	-		
3 IN-PROCESS INSPECTION OF TMT BARS															
2.1	DIMENSION & VISUAL	Dimension, Surface Finish, Surface defects	Major	Visual & Dimension	100%		NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IIR	TRUE	P	V	-		
2.2	PHYSICAL TEST	Section Weight, Yield stress, UTS, Bend, Re-bend, Total Elongation, Ring Test	Major	Measurement/ Physical	1 sample per heat no.		NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IIR	TRUE	P	V	-		
2.3	PHYSICAL TEST	TS/YS Ratio, Actual YS/Theoretical YS ratio, % Elongation	Major	Measurement/ Physical	1 sample per heat no.		NTPC Technical Spec, IS 13920	NTPC Technical spec, IS 13920	IIR	TRUE	P	V	-		
4 FINAL INSPECTION & TESTING															
3.1	DIMENSION & VISUAL	Dimension, Surface Finish, Surface defects	Major	Visual & Dimension	100%	Random minimum 10%	NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IR	TRUE	P	W	W*	100% PDI to be done by Main Contractor through their own Inspector. Third party inspection shall not be allowed.	
3.2	PHYSICAL TEST	Section Weight, Yield stress, UTS, Bend, Re-bend, Total Elongation, Ring Test	Major	Measurement/ Physical	1 sample per heat no.		NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IR	TRUE	P	W	W*		
3.3	PHYSICAL TEST	TS/YS Ratio, Actual YS/Theoretical YS ratio, % Elongation	Major	Measurement/ Physical	1 sample per heat no.		NTPC Technical Spec, IS 13920	NTPC Technical spec, IS 13920	IR	TRUE	P	W	W*		
3.4	CHEMICAL TESTING	Chemical composition	Major	Chemical Test	3 sample per Heat		NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IR	TRUE	P	W	W*		
3.5	INFORMATION ON CONTROLLED COOLING PROCESS	Ring on cross section	Major	Visual	3 sample per Heat		NTPC Technical Spec, IS 1786	NTPC Technical Spec, IS 1786	IR	TRUE	P	W	W*		
3.6	PACKAGING	Striping quality, Tagging & Packaging, etc	Major	Visual	Random		NTPC Technical Spec., IS 1786, IS 13920		IR	TRUE	P	W	W*		
NOTES:															
All the tests specified in this quality plan to be conducted for each Fe grade and size wise of the reinforcement bar/TMT bar.															
1 Main Contractor is required to get this document signed from manufacturer before placing the order for the subject project. For all requirements of reinforcement steel w.r.t. grades, elongation, TS/YS, etc refer Technical Specification Section VI, Part B, Sub Section D 1-10, Clause No. 10.03.00. Traceability from the finished product to billet to be furnished whenever asked/ to be submitted along with the MTC. These all requirements shall be complied by Main Contractor and their NTPC approved sub-vendors.															
2 NTPC shall carry out Surveillance Inspection at Manufacturer works as per NTPC approved MQP as well as at Site.															
3 Where ever IS Code is mentioned, latest revision is to be referred to.															
		LEGEND: D* Record identified with Tick (☑) shall be essentially be included by the supplier in the QA documentation. **- M: Manufacturer/sub-Supplier, C: Main supplier, N- NTPC, P-Perform, W:Witness W*: Surveillance Witness by NTPC and V: Verification as appropriate. CHP: NTPC shall identify in column "N" as "W". The document shall be read in conjunction with NTPC technical specification , BOQ and approved data sheet. IIR: Internal Inspection/Test Record, IR: Inspection Report							DOC NO.		: 1150-001-315-QVC-C-002				
MANUFACTURER/SUB-SUPPLIER		MAIN CONTRACTOR					FOR NTPC USE		REVIEWED BY		APPROVED BY		APPROVAL SEAL		
SIGNATURE															

Tender Inviting Authority: Tender Inviting Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT	TEXT	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
1	CR COIL 0.63X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 850 X Coil form [T X W X L] [mm]	AA1011721228	130	MT	INR		Not quoted	850	Coil form	0.0000	0.0000	INR Zero Only
2	CR COIL 0.63X700 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 700 X Coil form [T X W X L] [mm]	AA1011721244	180	MT	INR		Not quoted	700	Coil form	0.0000	0.0000	INR Zero Only
3	CR COIL 0.63X500 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 500 X Coil form [T X W X L] [mm]	AA1011721279	35	MT	INR		Not quoted	500	Coil form	0.0000	0.0000	INR Zero Only
4	GP Sheet 0.63 mm Class VIII IS 277; 0.63 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011766035	50	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
5	CR COIL 1.50 X 903 X Coil form - IS 513 CR3 DD GR.CR3 TDC:RTE:257; 1.5 X 903 X Coil form [T X W X L] [mm]	AA1011721333	60	MT	INR		Not quoted	903	Coil form	0.0000	0.0000	INR Zero Only
6	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011715090	200	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
7	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 1250 X 2500 (mm) [T x W x L]; 1.6 X W=1250 X L=2500 [T X W X L] [mm]	AA1011715228	35	MT	INR		Not quoted	W=1250	L=2500	0.0000	0.0000	INR Zero Only
8	HR Sheets 1.6 mm IS 1079 Gr.HR2 SK/K; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011717018	300	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
9	HR Sheet 2 mm IS 5986 Gr 205; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713110	400	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
10	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 1250 X 2500 [T X W X L] [mm]	AA1011715970	40	MT	INR		Not quoted	1250	2500	0.0000	0.0000	INR Zero Only
11	HR Sheets 2 mm IS 1079 Gr.HR2 SK/K; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011717026	250	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
12	HR Sheet 2.5 mm IS 5986 Gr 205; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713128	60	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
13	HR Sheets 2.5 mm IS 1079 Gr.HR2 SK/K; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011717034	200	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
14	CR sheet 3.0 mm IS 513 CR2 KLD; 3 X W=1250 X L=2500 ; T (mm) x W (mm) x L (mm); 3 X W=1250 X L=2500 [T X W X L] [mm]	AA1011715180	35	MT	INR		Not quoted	W=1250	L=2500	0.0000	0.0000	INR Zero Only
15	HR Sheet 3.15 mm IS 5986 Gr 205; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713136	250	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
16	HR Sheets 3.15 mm IS 1079 Gr.HR1 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011716046	107	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
17	HR Sheets 3.15 mm IS 1079 Gr.HR2 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011717042	100	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
18	HR Sheet 4.0mm IS 5986 Gr 205; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713160	220	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only
19	HR Sheets 4 mm IS 1079 Gr.HR2 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011717050	100	MT	INR		Not quoted	900 ≤ W ≤ 1250	L = 2500	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Inviting Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder/ Bidding Firm / Company	
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PRICE SCHEDULE
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1	2	3	4	5	12	13	18	30	31	53	54	55
20	PI 5 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	AA1011837013	435	MT	INR		Not quoted	1500 ≤ W ≤ 1800	L ≤ 6300	0.0000	0.0000	INR Zero Only
21	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	AA1011845016	2535	MT	INR		Not quoted	1500 ≤ W ≤ 1800	L ≤ 6300	0.0000	0.0000	INR Zero Only
22	CQ PI 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883016	450	MT	INR		Not quoted	900 ≤ W ≤ 1250	L ≤ 6300	0.0000	0.0000	INR Zero Only
23	PI 5 mm IS2062 E250 Gr BR/K ; TDC:301 ; 5 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 5 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017838054	50	MT	INR		Not quoted	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
24	PI 6 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	AA1011837030	200	MT	INR		Not quoted	1500 ≤ W ≤ 1800	L ≤ 6300	0.0000	0.0000	INR Zero Only
25	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	AA1011845024	2120	MT	INR		Not quoted	1500 ≤ W ≤ 1800	L ≤ 6300	0.0000	0.0000	INR Zero Only
26	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883024	850	MT	INR		Not quoted	900 ≤ W ≤ 1250	L ≤ 6300	0.0000	0.0000	INR Zero Only
27	PI 6 mm IS2062 E250 Gr BR/K ; TDC:301 ; 6 (T) x 2500 (W) x (6300-12000) (L) [mm]; 6 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017838070	35	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
28	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 (T) x 2000 (W) x (6300-12000) (L) mm; 6 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845131	37	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
29	PI 7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 7 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	AA1011845040	400	MT	INR		Not quoted	1500 ≤ W ≤ 1800	L ≤ 6300	0.0000	0.0000	INR Zero Only
30	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845059	1700	MT	INR		Not quoted	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
31	CQ PI 8 mm IS 3502; 8 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883040	60	MT	INR		Not quoted	900 ≤ W ≤ 1250	L ≤ 6300	0.0000	0.0000	INR Zero Only
32	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 (T) x 2000 (W) x (6300-12000) (L) mm; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845158	285	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
33	PI 8 mm IS2062 E250 Gr BR/K TDC:386; 8 (T) x 2500 (W) x (6300-12000) (L) [mm]; 8 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845310	87	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
34	PI 8 mm IS 2062 E250Br/K TDC:6:386; 8 X 2500 X 12000 [T X W X L] [mm]	AA1018845046	70	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
35	PI 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837129	405	MT	INR		Not quoted	W= 2500	10000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
36	PI 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 10 X 2500 X L= 6300 [T X W X L] [mm]	AA1011837684	324	MT	INR		Not quoted	2500	L= 6300	0.0000	0.0000	INR Zero Only
37	PI 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011838087	160	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
38	PI 10 mm IS 2062 E250Br/K TDC 301 , width 2000mm, length 12000 mm; 10 X 2000 X 12000 [T X W X L] [mm]	AA1011838532	48	MT	INR		Not quoted	2000	12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

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Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
39	PI 10 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A578 Level B, width 3200 mm, length 8000 mm; 10 X W = 3200 X L = 8000 [T X W X L] [mm]	AA1011838826	35	MT	INR		Not quoted	W = 3200	L = 8000	0.0000	0.0000	INR Zero Only
40	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845067	600	MT	INR		Not quoted	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
41	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 10 X 2000 X 12000 [T X W X L] [mm]	AA1011845873	954	MT	INR		Not quoted	2000	12000	0.0000	0.0000	INR Zero Only
42	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 10000mm; 10 X 2500 X 10000 [T X W X L] [mm]	AA1011845881	898	MT	INR		Not quoted	2500	10000	0.0000	0.0000	INR Zero Only
43	PI 10 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846276	360	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
44	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845166	2335	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
45	Plate 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x 9000 (L) mm; 10 X 2000 X 9000 [T X W X L] [mm]	AA1017845492	450	MT	INR		Not quoted	2000	9000	0.0000	0.0000	INR Zero Only
46	PI 12 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 12 X 2500 X L= 6300 [T X W X L] [mm]	AA1011837692	35	MT	INR		Not quoted	2500	L= 6300	0.0000	0.0000	INR Zero Only
47	PI 12 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842408	120	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
48	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845083	690	MT	INR		Not quoted	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
49	PI 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X W= 3700 X L= 5800 [T X W X L] [mm]	AA1011845091	50	MT	INR		Not quoted	W= 3700	L= 5800	0.0000	0.0000	INR Zero Only
50	PI 12 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845555	35	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
51	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	AA1011845890	1465	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
52	PI 12 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846284	155	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
53	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 (T) x 2000 (W) x (6300-12000) (L) mm; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845174	176	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
54	PL 12MM A516 GR. 70; TDC: AA10403 REV 01 + SUPPLEMENTARY REQUIREMENTS: IMPACT TEST (S5 + SL. NO. 1 & 2 OF ANNEXURE-1)+BEND TEST (SL. NO. 5 OF ANNEXURE-1) ; 12 X 3000 X 8000< L < 12000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1041803630	35	MT	INR		Not quoted	3000	8000< L < 12000	0.0000	0.0000	INR Zero Only
55	PI 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12.7 X 3750 X 5850 [T X W X L] [mm]	AA1011845962	160	MT	INR		Not quoted	3750	5850	0.0000	0.0000	INR Zero Only
56	PI 16 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842424	285	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
57	PI 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845113	800	MT	INR		Not quoted	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Inviting Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
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NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT	TEXT	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
58	PI 16 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845571	35	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
59	PI 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	AA1011845903	1270	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
60	PI 16 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846306	80	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
61	PI 16 mm IS2062 E250 Gr BR/K TDC:301; 16 (T) x 2000 (W) x (6300-12000) (L) [mm]; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017838240	35	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
62	PI 16 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 16 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 16 X 2500 X L= 6300 [T X W X L] [mm]	AA1017838267	243	MT	INR		Not quoted	2500	L= 6300	0.0000	0.0000	INR Zero Only
63	PI 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2000 (W) x (6300-12000) (L) mm; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845190	606	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
64	PI 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845220	275	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
65	PL 16 MM A516 GRADE-70- Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1041803117	60	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
66	PL 16 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 16 x 2500 x 5700 [T X W X L] [mm]; 16 X 2500 X 5700 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1041803320	50	MT	INR		Not quoted	2500	5700	0.0000	0.0000	INR Zero Only
67	PLATE 18.0 MM; IS2062E350 GR B0; TDC:6:386-REV:03: 18 x 2500 x (10000-12000) (T x W x L) mm; 18 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846969	50	MT	INR		Not quoted	2500	10000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
68	PLATE-20 IS2062 E250BR TDC:301 Rev 12; 20 X 2500 X 12650 [T X W X L] [mm]	AA1011838761	40	MT	INR		Not quoted	2500	12650	0.0000	0.0000	INR Zero Only
69	PI 20 mm IS2062 E350 Gr BR TDC 301 Rev 12; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842084	180	MT	INR		Not quoted	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
70	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845148	835	MT	INR		Not quoted	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
71	PI 20 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846098	97	MT	INR		Not quoted	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
72	PI 20 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 20 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 20 X 2500 X L= 6300 [T X W X L] [mm]	AA1017838275	97	MT	INR		Not quoted	2500	L= 6300	0.0000	0.0000	INR Zero Only
73	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 (T) x 2000 (W) x (6300-12000) (L) mm; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845239	130	MT	INR		Not quoted	2000	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
74	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845247	1548	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
75	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 x 2500 x 7100 [T X W X L] [mm]; 20 X 2500 X 7100 [T X W X L] [mm]	AA1017845387	200	MT	INR		Not quoted	2500	7100	0.0000	0.0000	INR Zero Only
76	PLATE 20 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 20 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804539	35	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Inviting Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
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Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
77	PL 20 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 20 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803465	97	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
78	PLATE 22 MM; IS2062 E250GRBR; TDC:6:386:REV:03: 22 x 2500 x (10000-12000) [T x W x L] mm; 22 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845484	40	MT	INR		Not quoted	2500	10000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
79	PLATE 22 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 22 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804547	40	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only
80	PL 22 MM A515 GRADE-70; 22 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804687	55	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
81	PL 22 MM A515 GRADE-70; AA10404; 22 X 3000 X 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804806	36	MT	INR		Not quoted	3000	10000	0.0000	0.0000	INR Zero Only
82	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 25 X W = 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011838036	35	MT	INR		Not quoted	W = 2500	10000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
83	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435; 25 X 2500 X 8000 < L < 12500 [T X W X L] [mm]	AA1011838893	100	MT	INR		Not quoted	2500	8000 < L < 12500	0.0000	0.0000	INR Zero Only
84	PI 25 mm IS2062 E350 Gr BR TDC 301 Rev 12; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842114	340	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
85	PI 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842912	50	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
86	HR PLATE 25X2800X12000-IS 2062 GR.B; 25 X 2800 X 12000 [T X W X L] [mm] TDC:6:386 Rev 03	AA1011845610	100	MT	INR		Not quoted	2800	12000	0.0000	0.0000	INR Zero Only
87	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845679	35	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
88	PI 25 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 25 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 25 X 2500 X L= 6300 [T X W X L] [mm]	AA1017838283	46	MT	INR		Not quoted	2500	L = 6300	0.0000	0.0000	INR Zero Only
89	PL 25 x 2500 x 12000 IS 2062 E250 Gr. Br. TDC 6 386 Rev.03; 25 X 2500 X 12000 [T X W X L] [mm]	AA1017845085	300	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
90	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845263	893	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
91	PL25 E250GR-BR/K TDC:6:386; 25X3100X12000 ; T (mm) x W (mm) x L (mm); 25 X 3100 X 12000 [T X W X L] [mm]	AA1017845328	59	MT	INR		Not quoted	3100	12000	0.0000	0.0000	INR Zero Only
92	PL 25 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 25 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803457	37	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
93	PLT BQ 25 MM (SA516 GR70) TDC: AA10403 +IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403): 25 x 2500 x	AA1048803783	500	MT	INR		Not quoted	2500	13000	0.0000	0.0000	INR Zero Only
94	PI 28 mm IS2062 E350 Gr BR TDC 301 Rev 12; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842122	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
95	PI 28 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845687	180	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder/ Bidding Firm / Company	
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PRICE SCHEDULE
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Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
96	PI 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846136	120	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
97	PLT BQ 28 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403)- 2R x 2500 v	AA1048803791	35	MT	INR		Not quoted	2500	13000	0.0000	0.0000	INR Zero Only
98	PLATE 30 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 30 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804482	35	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only
99	PL 30 mm IS 2002 GRADE-2; TDC: AA10401; W = 2500 ; L= 8000; [Thickness; Length (L) & Width (W) are in mm]; 30 X 2500 X 8000 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA1047801019	100	MT	INR		Not quoted	2500	8000	0.0000	0.0000	INR Zero Only
100	PI 32 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 32 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837315	100	MT	INR		Not quoted	W= 2500	10000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
101	PI 32 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435,width 2500 mm, length 12500 mm; 32 X W = 2500 X L = 12500 [T X W X L] [mm]	AA1011838850	200	MT	INR		Not quoted	W = 2500	L = 12500	0.0000	0.0000	INR Zero Only
102	PI 32 mm IS2062 E350 Gr BR TDC 301 Rev 12; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842149	166	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
103	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845695	805	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
104	PI 32 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 32 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846160	80	MT	INR		Not quoted	W= 2500	L= 12000	0.0000	0.0000	INR Zero Only
105	PI 32 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 32 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 32 X 2500 X L= 6300 [T X W X L] [mm]	AA1017838305	58	MT	INR		Not quoted	2500	L= 6300	0.0000	0.0000	INR Zero Only
106	PL32 E250GR-BR/K TDC:6:386; 32X3200X6500 ; T (mm) x W (mm) x L (mm); 32 X 3200 X 6500 [T X W X L] [mm]	AA1017845336	125	MT	INR		Not quoted	3200	6500	0.0000	0.0000	INR Zero Only
107	PL32 E250GR-BR/K TDC:6:386; 32X2650X11100 ; T (mm) x W (mm) x L (mm); 32 X 2650 X 11100 [T X W X L] [mm]	AA1017845344	177	MT	INR		Not quoted	2650	11100	0.0000	0.0000	INR Zero Only
108	PL32 E250GR-BR/K TDC:6:386; 32X2550X10000; T (mm) x W (mm) x L (mm); 32 X 2550 X 10000 [T X W X L] [mm]	AA1017845352	51	MT	INR		Not quoted	2550	10000	0.0000	0.0000	INR Zero Only
109	PL 32 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 32 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803449	51	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
110	PLT BQ 32MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403)- 32 x 2500 X	AA1048803805	176	MT	INR		Not quoted	2500	10000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT	TEXT	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
111	PLATE 35 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 35 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804474	40	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only
112	PI 36 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 36 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837340	200	MT	INR		Not quoted	W= 2500	10000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
113	PI 36 mm IS2062 E350 Gr BR/K TDC 301 Rev 12; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842181	155	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
114	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03 + ULTRASONIC TESTING AS PER ASTM A435; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845237	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
115	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845709	117	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
116	PL36 E250GR-BR/K TDC:6:386; 36X3200X11000 ; T (mm) x W (mm) x L (mm); 36 X 3200 X 11000 [T X W X L] [mm]	AA1017845360	50	MT	INR		Not quoted	3200	11000	0.0000	0.0000	INR Zero Only
117	PL 36 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 36 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803538	46	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
118	PI 40 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837757	250	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
119	PI 40 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12000mm; 40 X W=2500 X L =12000 [T X W X L] [mm]	AA1011838370	200	MT	INR		Not quoted	W=2500	L =12000	0.0000	0.0000	INR Zero Only
120	PI 40 mm IS2062 E350 Gr BR TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842203	55	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
121	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X W= 3800 X L= 5700 [T X W X L] [mm]	AA1011845253	55	MT	INR		Not quoted	W= 3800	L= 5700	0.0000	0.0000	INR Zero Only
122	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845717	586	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
123	PI 40 mm IS 2062 E250Gr/K TDC:6:386, width 2500mm, length 12000mm; 40 X 2500 X 12000 [T X W X L] [mm]	AA1011845750	150	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
124	PI 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846209	35	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
125	PL40 E250GR-BR/K TDC:6:386; 40X3200X11000 ; T (mm) x W (mm) x L (mm); 40 X 3200 X 11000 [T X W X L] [mm]	AA1017845379	270	MT	INR		Not quoted	3200	11000	0.0000	0.0000	INR Zero Only
126	PLATE 40 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 40 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804563	35	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only
127	PL 40 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 40 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803430	80	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
128	PLT BQ 40 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 40 x 2500 x 9000	AA1048803813	40	MT	INR		Not quoted	2500	9000	0.0000	0.0000	INR Zero Only
129	PI 45 mm IS2062 E250 Gr Br.K TDC 301 Rev 12;45 x 2500 x 6300-12000; (T x W x L) mm; 45 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011838982	100	MT	INR		Not quoted	2500	6300 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder / Bidding Firm / Company :	
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PRICE SCHEDULE
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NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT	TEXT	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
130	PI 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845261	35	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
131	PI 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845270	110	MT	INR		Not quoted	W= 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
132	PI 45 mm IS 2062 E350B0 TDC:6:386, width 2000 - 2500 mm, length 8000- 12000 mm; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846349	90	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
133	PI 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845288	197	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
134	PI 50 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 50 X 2500 X 12000 [T X W X L] [mm]	AA1011845776	100	MT	INR		Not quoted	2500	12000	0.0000	0.0000	INR Zero Only
135	PI 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846225	85	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
136	PI 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846233	900	MT	INR		Not quoted	W= 2500	L= 12000	0.0000	0.0000	INR Zero Only
137	PL 50 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 50 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803414	151	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
138	PLATE 55 MM A515 Gr.70 ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 55 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA1041804598	35	MT	INR		Not quoted	2500	8000 ≤ L ≤ 10000	0.0000	0.0000	INR Zero Only
139	PI 56 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 56 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837439	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
140	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 56 X 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1041803222	44	MT	INR		Not quoted	2500	8000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
141	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 56 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803406	56	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
142	PI 60 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 60 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845334	50	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
143	PI 63 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837455	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
144	PI 63 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:6:386 Rev 03	AA1011845369	60	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSH

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
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Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
145	PL 63 IS 2062 E250GR-BR/K TDC:301, 63 X 2150 X 12000 [T X W X L] [mm]; 63 X 2150 X 12000 [T X W X L] [mm]	AA1017838330	204	MT	INR		Not quoted	2150	12000	0.0000	0.0000	INR Zero Only
146	PL 63 IS 2062 E250GR-BR/K, TDC:301, 63 X 1875 X 9000 [T X W X L] [mm]; 63 X 1875 X 9000 [T X W X L] [mm]	AA1017838348	90	MT	INR		Not quoted	1875	9000	0.0000	0.0000	INR Zero Only
147	PLATE 63.0 MM; IS2062E250 GR Br.; TDC:6:386:REV:03: 63 x 2500 x (10000-12000) (T x W x L) mm; 63 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845433	100	MT	INR		Not quoted	2500	10000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
148	PL 63 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 : W = 3600 ; L= 7800; [Thickness, Length (L) & Width (W) are in mm]; 63 X 3600 X 7800 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA1041801068	150	MT	INR		Not quoted	3600	7800	0.0000	0.0000	INR Zero Only
149	PL 63 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 63 X 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1041803230	37	MT	INR		Not quoted	2500	8000 ≤ L ≤ 12500	0.0000	0.0000	INR Zero Only
150	PL 63 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 63 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803392	100	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
151	PI 70 mm IS 2062 E 250 Gr A/BR/SK/K; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837471	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
152	PL 70 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 70 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803384	35	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
153	PI 80 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 80 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837501	180	MT	INR		Not quoted	W= 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
154	PI 80 mm IS2062 E350 Gr C; TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + Bend Test + UT: ASTM A 578 Level B.; 80 mm 2500 mm 7000 mm : T X W X L (mm); 80 X 2500 X 7000 [T X W X L] [mm]	AA1011844168	66	MT	INR		Not quoted	2500	7000	0.0000	0.0000	INR Zero Only
155	PL 80 IS 2062 E250GR-BR/K, TDC:301, 80 X 2500 X 7650 [T X W X L] [mm]; 80 X 2500 X 7650 [T X W X L] [mm]	AA1017838321	200	MT	INR		Not quoted	2500	7650	0.0000	0.0000	INR Zero Only
156	PI 80 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 80 x 2850 x 10700 [T X W X L] [mm]; 80 X 2850 X 10700 [T X W X L] [mm]	AA1017845417	100	MT	INR		Not quoted	2850	10700	0.0000	0.0000	INR Zero Only
157	PL 80 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 80 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803376	60	MT	INR		Not quoted	2500	6300	0.0000	0.0000	INR Zero Only
158	PI 90 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 90 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845415	90	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
159	PL 90 MM A516 GRADE-70; TDC: AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 90 X 2500 X 5000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803546	45	MT	INR		Not quoted	2500	5000	0.0000	0.0000	INR Zero Only
160	PI 100 mm IS 2062 E 250 Gr A/BR/SK/K; 100 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	AA1011837544	166	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
161	PI 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 X W= 4400 X L= 4600 [T X W X L] [mm]	AA1011845423	65	MT	INR		Not quoted	W= 4400	L= 4600	0.0000	0.0000	INR Zero Only
162	PI 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 x 2500 x 6000 [T X W X L] [mm]; 100 X 2500 X 6000 [T X W X L] [mm]	AA1017845409	100	MT	INR		Not quoted	2500	6000	0.0000	0.0000	INR Zero Only
163	PL 100 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 : W = 2200 ; L= 4800; [Thickness, Length (L) & Width (W) are in mm]; 100 X 2200 X 4800 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA1041801084	100	MT	INR		Not quoted	2200	4800	0.0000	0.0000	INR Zero Only

Tender Inviting Authority: Tender Inviting Authority: Sr. Manager/UPC, BHEL CORPORATE OFFICE, NOIDA

Name of Work: STEEL RATE CONTRACT - Qtr IV 2025 - 26 - Plates, Coils & Sheets

Enquiry No: 2025Q4STEELPLTSHHT

Name of the Bidder/ Bidding Firm / Company	
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PRICE SCHEDULE
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NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT	TEXT	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (MT)	Units	Quoted Currency INR	BASIC RATE (including FREIGHT) In Figures To be entered by the Bidder in Rs. /MT	Offer Status	Width (mm)	Length (mm)	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	18	30	31	53	54	55
164	PL 100 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1); 100 X 2200 X 10000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803562	50	MT	INR		Not quoted	2200	10000	0.0000	0.0000	INR Zero Only
165	PI 110 mm IS 2062 E 250 Gr A/BR/SK/K; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837552	100	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
166	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 110 X 2500 X 6000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA1048803627	55	MT	INR		Not quoted	2500	6000	0.0000	0.0000	INR Zero Only
167	PI 115 mm IS 2062 E 250 Gr A/BR/SK/K; 115 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	AA1011837560	110	MT	INR		Not quoted	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	0.0000	0.0000	INR Zero Only
168	PL 140 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2000 ; L= 10500; [Thickness, Length (L) & Width (W) are in mm; 140 X 2000 X 10500 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA1041801548	100	MT	INR		Not quoted	2000	10500	0.0000	0.0000	INR Zero Only
169	PI 190 mm IS2062 E350 Gr C TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + UT: ASTM A435, 190 mm 2250 mm 6300 mm T X W X L (mm); 190 X 2250 X 6300 [T X W X L] [mm]	AA1011844303	232	MT	INR		Not quoted	2250	6300	0.0000	0.0000	INR Zero Only
Total in Figures										0.0000	0.0000	INR Zero Only
Quoted Rate in Words												



CORPORATE PURCHASING SPECIFICATION

AA10401

Rev No.18

PREFACE SHEET

CARBON STEEL PLATES - INTERMEDIATE AND HIGH TEMPERATURE

FOR INTERNAL USE ONLY

REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Equivalent/Comparable Standards:

- 1) INDIAN : IS 2002 : 2024, Gr 2, Normalised
- 2) EUROPEAN : EN 10028 – 2: 2017, Gr.:P265GH+N (Material No.1.0425)

Probable / Suggested Suppliers and Grades:

Refer plant vendors list

User Plants and Replaced Plant Specifications/References:

- 1) HEP, BHOPAL : PS10140
- 2) HEEP, HARDWAR : 0640.202

Revisions:

CI 6, 7 and reference to IS standard updated

APPROVED:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(S&GPS)

Rev No.18	Amd No.	Reaffirmed	Prepared HEEP, Haridwar	Issued Corp.R&D	Dt. of 1 st Issue August 1976
Dt:10-12-2025	Dt:	Year:			

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CORPORATE PURCHASING SPECIFICATION

AA10401

Rev No. 18

PAGE 1 of 2

CARBON STEEL PLATES - INTERMEDIATE AND HIGH TEMPERATURE

1 GENERAL:

This specification governs the quality requirements of Carbon Steel Plates for Intermediate and High temperature service.

2 APPLICATION:

For intermediate and high temperature applications requiring welding, cutting and cold and hot flanging.

3 CONDITION OF DELIVERY:

Plates above 12mm thick shall be supplied in the normalized or equivalent condition. Plates of 25mm and above thickness shall be ultrasonically tested.

4 COMPLIANCE WITH NATIONAL/INTERNATIONAL STANDARDS:

Material shall comply with the requirements of IS 2002 : 2024, Grade 2.

Material offered as per EN 10028-2:2017, Grade: P265GH+N (Material number 1.0425) is also acceptable.

5 DIMENSIONS AND TOLERANCES:

5.1 Sizes:

Material shall be supplied to the dimensions specified on BHEL order.

5.2 Tolerances:

The tolerance on hot rolled plates shall comply with IS/ISO 7452 Class C or EN 10029, Class C.

6 MANUFACTURE:

The steel shall be fully killed and made to coarse austenitic grain size practice. When rolled from continuously cast slabs, ratio of slab to plate thickness shall be minimum 2.5 to 1, except that reduction ratios as low as 2:1 are permitted if all of the conditions given in clause no.6.2 of IS 2002 are met.

7 HEAT TREATMENT:

Plates above 50 mm thickness shall be furnace normalized. All other conditions as per relevant clause given in IS 2002.

8 TEST SAMPLES:

As per IS: 2002 or EN 10028 – 2 as applicable.

9 ULTRASONIC TEST:

Plates 25mm and above are to be ultrasonically tested as per IS 11630 / ASTM A435 / ASTM A578, Level B.

Revisions:

Cl 6, 7 and reference to IS standard updated

APPROVED:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(S&GPS)

Rev No.18

Amd No.

Reaffirmed

Prepared
HEEP, Haridwar

Issued
Corp.R&D

Dt. of 1st Issue
August 1976

Dt:10-12-2025

Dt:

Year:

**10 FREEDOM FROM DEFECTS:**

Plates shall be cleanly rolled to the dimensions specified. The finished material shall be free from excessive segregation of impurities and cracks, surface flaws, laminations, rough, jagged & imperfect edges and internal & surface defects.

Slight scale or shell may, however, be removed by such means as chisel, file, buff or shot blast or other suitable means provided that the thickness of the material is nowhere reduced below the specified thickness. Hammer dressing, patching or welding of defects is prohibited.

11 TEST CERTIFICATES:

Unless otherwise specified on the order, three copies of test certificates shall be supplied.

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their dispatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information:

AA10401 Rev.18 / IS 2002 : 2024 Gr.2 or EN 10028-2:2017, Gr: P265 GH+N

BHEL Order No.

Melt No., Size & Quantity,

Batch no. with heat treatment details,

Results of Chemical analysis, Mechanical test as per applicable grade and Ultrasonic tests.

Supplier's name, Identification No, TC No, Signature of competent authority, etc.

12 PACKING AND MARKING:

Plates shall be transported suitably to avoid damage during transit.

For plates below 10 mm thick, each pile (preferably of 16 plates) and each plate 10mm thick & above shall be marked with the suppliers Identification No, Melt No. AA10401, BHEL order no., Suppliers name, Size & weight, on any one corner and encircled with paint preferably of white colour.

13 REFERRED STANDARDS (Latest publications including amendments):

1. IS/ISO 7452 3) EN 10029 4) IS: 11630 5) ASTM A435 6) ASTM A578



CORPORATE PURCHASING SPECIFICATION

AA10403

Rev No.04

PREFACE SHEET

**CARBON STEEL PRESSURE VESSEL PLATES FOR LOW AND MODERATE TEMPERATURE SERVICES
(IS 2041 Grade R260 & ASME SA-516/SA-516M Gr.70)**

FOR INTERNAL USE ONLY
REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Equivalent / Comparable Standards:

- 1) International : ASME SA-516/SA-516M - 2025, Grade 70
- 2) Indian : IS 2041:2024

Probable / Suggested Suppliers and Grades:

Refer plant vendors list

User Plants and Replaced Plant Specifications / References:

- 1) BAP Ranipet : TDC:RTA:407
- 2) HPEP Hyderabad : HY10498 & HY10470
- 3) HEP, Bhopal : HT10499

Revisions: Cl 8 of Annexure 1 and references to ASME & IS standards updated

APPROVED:
INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(FCF+HTM)

Rev No.04	Amd No.	Reaffirmed	Prepared Committee	Issued Corp.R&D	Dt. of 1 st Issue 19-09-2016
Dt:28-11-2025	Dt:	Year:			

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CORPORATE PURCHASING SPECIFICATION

AA10403

Rev No. 04

PAGE 1 of 3

CARBON STEEL PRESSURE VESSEL PLATES FOR LOW AND MODERATE TEMPERATURE SERVICES (IS 2041 Grade R260 & ASME SA-516/SA-516M Gr.70)

1 Scope

The specification covers the technical requirements of heat-treated Boiler Quality carbon steel plates used for the fabrication of pressure vessels, structures and heat exchangers as per ASME Boiler and Pressure Vessel code or Indian Boiler Regulations (IBR).

2 Chemical & Mechanical properties

The chemical composition and mechanical properties shall be as per IS 2041:2024 Grade R260 and SA-516 / SA-516M:2025 Grade 70 and SA-20/SA-20M, whichever is stringent.

3 Supply Condition

3.1 Repair by fusion welding is prohibited.

3.2 Plates shall be free from mill scales, segregation or impurities, cracks, surface flaws and laminations, rough, jagged and imperfect edges. Plates below 10mm thickness shall be suitably protected with rust preventive coatings at the time of supplies.

3.3 The steel shall be vacuum treated and fully killed. (As per supplementary requirement (S1) of SA 20)

3.4 Plates above 12mm thickness shall be normalized. Online normalisation is not acceptable.

3.5 Supplementary requirements details are given in Annexure 1. Plates are to be supplied in compliance with specified supplementary requirements as given in purchase order.

3.6 Ratio of Slab to Plate Thickness:

3.6.1 **IBR application:** The ratio of slab to plate thickness shall be at least 3:1 reduction ratio up to 75mm plates and plates of 75mm thickness and above can be with reduction ratio less than 3:1 subject to meeting the requirements of clause no.6.4 of IS 2041.

3.6.2 **No-IBR application:** The ratio of slab to plate thickness shall be at least 3:1 reduction ratio up to 75mm plates and plates of 75mm thickness and above can be with reduction ratio as low as 2:1 are permitted subject to meeting all the requirements of clause 5.3 of SA-20/SA-20M. Clause 5.3.4 to 5.3.8 of SA-20/SA-20M shall be applicable. The plates shall be ultrasonically examined in accordance with Specification A578/A578M, Level C based on continuous scanning over 100 % of the plate surface No deviations / relaxations are allowed with respect to above sub-clauses from 5.3.1 to 5.3.8 of ASTM A20, chemical, mechanical & impact properties and soundness level with reduced reduction ratio of plates.

4 Dimension and Tolerance

Thickness and sizes shall be as per as per BHEL enquiry.

Tolerances: Tolerances shall be in accordance with SA-20/SA-20M.

5 Non-destructive Testing & Acceptance

Plates shall be ultrasonically tested and accepted as per ASTM A578 Level B.

Revisions: Cl 8 of Annexure 1 and references to ASME & IS standards updated

APPROVED:
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC (FCF+HTM)

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Committee

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However, in compliance with clause 5.3 of SA-20/SA-20M for plates manufactured with reduction ratio less than 3:1, acceptance shall be as per ASTM A578 Level C.

6 INSPECTION AT SUPPLIER'S WORKS

BHEL representative / BHEL appointed Inspection Agency shall have free entry and access to all areas where the manufacture of the plates is carried out. All reasonable facilities shall be extended to him including labour wherever necessary.

BHEL representative / BHEL appointed Inspection Agency shall be given sufficient advance intimation to witness the various processes, tests etc. Punching and identification of test coupons and execution of various tests shall be done in presence of BHEL representative / BHEL appointed Inspection Agency.

7 Marking

Each plate shall be hard stamped and bordered with white paint with the following information:

- a) P O No. & Date
- b) Size & Quantity
- c) Specification
- d) Heat No. & Plate No.
- e) Inspection authority mark
- f) Maker's identification

In addition to the above, each plate shall be marked with the Standard BIS certification marking. The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 1986 and the rules and Regulations made thereunder.

8 Test Certificates

Test Certificates shall be in English and it shall contain following details:

- a) Purchase Order Number and Date
- b) Material Specification and Grade
- c) Drawing No (if applicable)
- d) Number & weight
- e) Chemical Composition (heat & product analysis as per SA-20/SA-20M)
- f) Mechanical Properties (Each plate as per SA-20/SA-20M)
- g) Ultrasonic Testing Report
- h) Results of tests given in Annexure I (as applicable as per PO)
- i) Manufacturer's Test certificates explicitly stating the compliance to IS 2041:2024, Gr R260 and SA-516/SA-516M:2025, Gr. 70 (S1, S5 & S12) & SA-20/SA-20M shall also be submitted. The test certificates shall also mention the compliance to AA10403 Rev 04.
- j) The mill test certificate shall also certify that the plates supplied are free from primary mill scales.
- k) Wherever specified in BHEL order, Test certificates (in English) shall be furnished as per IBR format FORM IV clearly specifying material meeting the requirements of ASME SA-516/SA-516M Gr.70 and AA10403 Rev 04.

9 Rejection and Replacement

In the event of the material proving defective in the course of further processing at BHEL, the same will be rejected notwithstanding any previous acceptance. The supplier shall replace the material at his own cost and the rejected material will be returned after all the commercial conditions are satisfied.



CORPORATE PURCHASING SPECIFICATION

AA10404

Rev No.05

PREFACE SHEET

CARBON STEEL PLATES FOR PRESSURE VESSELS FOR INTERMEDIATE AND HIGH TEMPERATURE SERVICES ASME SA515, Gr.: 70

FOR INTERNAL USE ONLY
REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Equivalent / Comparable Standards:

International : ASME SA515 Grade-70

Probable / Suggested Suppliers and Grades:

Refer plant vendors list

User Plants and Replaced Plant Specifications / References:

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Revisions:

APPROVED:
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(FCF+HTM)

Rev No.05	Amd No.	Reaffirmed	Prepared HPEP, Hyderabad	Issued Corp.R&D	Dt. of 1 st Issue September 1978
Dt:12-04-2024	Dt:	Year:			

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CORPORATE PURCHASING SPECIFICATION

AA10404

Rev No. 05

PAGE 1 of 3

CARBON STEEL PLATES FOR PRESSURE VESSELS FOR INTERMEDIATE AND HIGH TEMPERATURE SERVICES ASME SA515, Gr.: 70

1 GENERAL

The plates shall conform to the latest version for ASME SA515, Gr:70 and comply with the following additional requirements.

2 APPLICATION

For high temperature service at stress levels and temperatures allowed by ASME Boiler & Pressure Vessel Code, Section I and Indian Boiler Regulations.

3 MANUFACTURE

3.1 All plates shall be of fully killed steel. Drum plates shall be Vacuum Degassed conforming to S1 of SA20 and the final rolling shall be done Lengthwise.

3.2 Plates may be made from ingots or strand cast slabs wherein a reduction ratio in thickness from slab/ingot to plate shall be maintained to at least 3:1 reduction ratio up to 75mm plates and plates of 75mm thickness and above can be with reduction ratio less than 3:1 subject to meeting the requirements of clause 5.3 of SA-20/SA-20M. Sufficient "Top of Ingot" has to be discarded to ensure plate free of segregation. After top discard, the increase in carbon content at the top- mid width, mid thickness of the plate shall not exceed 20% of the reported ladle analysis value and this value shall be duly indicated in the Test certificate.

3.3 Ladle analysis: 1 sample per cast; Product analysis: Min.1 sample per plate as rolled.

Max. Carbon: CS: 0.25%.

Max. Carbon Equivalent for Carbon Steel: As per S20 of SA20.

4 HEAT TREATMENT

4.1 Normalizing Temperature: 880-920°C

4.2 SIMULATION HEAT TREATMENT for test coupons in addition to clause 4.1 shall be as follows (For CS Drum plates only as indicated in the Enquiry/PO)

Stress Relieving (SR): 615 ± 10°C, 3 hr/inch of thick (t), furnace cool to 400°C

ROH/ROC for SR: < 220°C/hr divided by t in inches, but need not be slower than 55°C /hr.

5 CHEMICAL COMPOSITION

Carbon content obtained through ladle analysis shall be restricted to a maximum of 0.25% irrespective of the thickness. Maximum Carbon equivalent shall be governed by S20 of SA20.

6 TEST SAMPLES

One tensile, One High Temperature Tensile and one bend sample for each rolled/mother plate.

Revisions:

APPROVED:
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(FCF+HTM)

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7 MECHANICAL PROPERTIES (In simulated heat treated condition for CS Drum plates and in "as delivered condition" for other CS plates)

a) Tensile Test

a) Bend Test: Angle of bend: 180 deg. Diameter of the Mandrel = 2 x Thickness of the plate as rolled.

b) High temperature tensile test for carbon steel drum plates shall be as per S7 of SA20. Min yield strength at 350°C: 19.7 kg/mm².

8 ADDITIONAL TESTS

8.1 Ultrasonic examination and acceptance standards shall be as per SA578 Level B (For all plates of thickness > 10mm).

8.2 All dimensions shall be as per PO. Tolerance on thickness of plates shall be positive only.

9 INSPECTION AT SUPPLIER'S WORKS

BHEL's representative shall have free access at all times to all parts of the manufacture's works, until the work on the contract of BHEL is being performed. The manufacturer shall offer BHEL's representative all reasonable facilities, without charge, to satisfy the latter that the material is being furnished in accordance with the specification.

10 MARKING

Hard stamping of melt number, specification, size and grade, plate number and the inspection authority's stamp on each plate along rolling direction.

a) For plates of thickness > 6mm, marking shall be by stencilling & steel die stamping.

b) For plates of thickness ≤ 6mm, marking shall be by stencilling & steel die stamping using low stress on each plate & bordered by white paint.

11 REPAIR

11.1 Fusion welding is prohibited.

11.2 When done by mechanical means, the specified thickness to be met with and the surface to be smoothly dressed up from any sharp edges.

11.3 Plates to be free of mill scales, edge crack & other injurious defects.

12 CERTIFICATION

12.1 Wherever specified in BHEL order, Test certificates (in English) shall be furnished as per IBR format FORM IV clearly specifying material meeting the requirements of ASME SA515 Gr.70 and AA10404 Rev.05 as follows

- Imported: Inspecting Authority approved by IBR for the country of origin (to be concurred by BHEL).
- Indigenous Supply: Director of Boilers/Chief Inspector of Boilers/Inspecting Authority approved by IBR, for the respective state.
- For Non-IBR application, Form IV is not applicable
- Additionally, manufacturer's test certificate shall be submitted meeting all the requirements contained in the purchase order, this specification, and the applicable ASME Specification.



CORPORATE PURCHASING SPECIFICATION

AA10404

Rev No. 05

PAGE 3 of 3

12.2 In addition to above, the following details shall be furnished with the test certificates.

- BHEL Purchase Order No, AA10404 & Rev No. 05, Test certificate number & Date, Quantity.
- Specification and Grade with applicable year of code, Heat Number, Plate number.
- Steel making process, Chemistry including incidental elements - Ladle and Product analysis [as per clause 3.3].
- Heat Treatment details of material and test coupons like temperature, soaking time, cooling medium etc.
- The certification of reduction ratio in thickness $\geq 3:1$ from a strand-cast slab/ingot to plate shall be reported in the test certificate.
- Mechanical, NDE & other test results with reference & acceptance standards.
- Print of the stamp of Inspecting Officer, which is used on the plate.
- The manufacturer shall furnish a certificate of compliance stating that the plates have been manufactured, inspected, and tested in accordance with the requirements of the applicable product specification.

13 REJECTION AND REPLACEMENT

In the event of any material proving defective during the course of preparation, machining, testing or erection such material shall be rejected notwithstanding any previous certification of satisfactory testing and/or inspection.

The supplier shall under take to replace the rejected material at his own cost and the rejected material shall be taken back by the supplier after fulfilling the commercial terms and condition.

14 REFERRED STANDARDS (Latest Publications Including Amendments)

- 1) ASME SA20
- 2) ASME SA578



Product: STRUCTURAL QUALITY PLATES FOR BOILER STRUCTURES

Revision record:

- Rev 01: Text Modified. IS 8500Fe 540, IS 2062 Gr B added.
Rev 02: Shapes removed. UT>40mm IS 2062 Gr A introduced.
Rev 03: 06/10/06 Cl.2.0, 3.0 & 4.0 modified.
Rev.04: Revised in entirety merging IS 8500 with IS 2062 as per IS 2062-2006 and replacing BSEN 10113 with BS EN: 10025
Rev.05: 01/10/09 - Cl.3.0, 4.0, 8.0: Normalized rolled clause included.
Rev 06: 27/10/14 - TDC 313 Rev 02 merged with TDC 301, IS 2062 Gr E350, E450 and its requirements added in Cl1, Cl 2, 3, 4. Cl 7 modified, Note added.
Rev 07: 20/12/14 - Cl 1, 4, 5, 7, 8 and note modified.
Rev 08: 23/07/2016 - Cl 2, 3, 4, 7 and 8 modified.
Rev 09: 23/09/2016 - Cl 2, 3 modified to include IS 2062 E350 Gr A; Cl 4(c), 8(e) modified to bring clarity regarding grain size.
Rev 10: 01/08/2017 - Cl 2, 3 modified to include IS 2062 E250 Gr B0, C
Rev 11: 15/11/2017 - Cl 3.a.i – thickness and heat treatment condition modified
Cl 3.a.ii – class removed
Cl 4.b – grain size specified for all grades of Normalised rolled condition
Cl 4.c –removed
Rev 12: 20/06/2023 Cl 7.i, modified to include coil form plates for thickness up to 25mm,
Cl 7ii –newly added

1. MATERIAL SPECIFICATION: {Latest on date of Purchase Order (PO)}

PLATES : ASTM A 36, IS 2062, BS EN 10025-2, BSEN 10025-3 [applicable grades

as per drawing]

Additional Requirement : **As listed below (Supplementary to Specification)**

Size and Qty. : As per Purchase order (PO)

2. CHEMICAL COMPOSITION AND PROCESS:

- ASTM A36 shall be procured in killed condition.
- IS 2062 E250 A, B0, BR, E350 A, B0, BR up to 20mm thickness shall be in killed or semi killed condition. IS 2062 E250 A, B0, BR, E350 A, B0, BR 20mm and above thickness shall be in killed condition.
- IS 2062 E250 C and IS 2062 E350 C shall be in killed condition.
- BS EN 10025-2 S355 J2+N shall be in killed condition with Carbon: 0.20% max (in Product Analysis).
- IS 2062 E410 BR / BS EN 10025-3 S420N shall be in killed condition. Vanadium: 0.15% max; Carbon: 0.20% max (in Product Analysis).

3. HEAT TREATMENT:

- ASTM A36, IS 2062 E250 A, B0, BR, C and E350 A, B0, BR, C:
 - Thickness up to and including **20mm** in rolled condition. Thickness more than **20mm** shall be Normalized/ Normalized rolled.
- IS 2062 E410 BR/ BSEN 10025-3-S420N, BS EN 10025-2 Gr S355 J2 +N: Normalized condition.

4. MECHANICAL TESTS:

- All mandatory tests shall be as per the applicable materials specifications.
- Additionally, microstructure analysis for Grain size shall be carried out for Normalizing rolling plates above **20mm** thickness at the same frequency as the mechanical tests. Grain size: ≥ 5 at 100X magnification.

5. NON DESTRUCTIVE TEST:

Ultrasonic Test: For plates of thickness > 40 mm as per ASTM A435 or ASTM A578 (Acceptance Level A or B).

6. FINISH AND REPAIR:

Plates shall be free from all mill scales, edge crack and other injurious defects. Repairs by fusion welding is prohibited. Mechanical removal of defects permitted subject to meeting minimum thickness and smooth surface.



Product: STRUCTURAL QUALITY PLATES FOR BOILER STRUCTURES

7. MARKING (by mill):

1. Specification (IS specification designation for IS 2062 grades), 2. Grade, 3. Melt number, 4. Maker's emblem/Code/ Identification and 5. Plate number. PO No (BHEL PO only), buyer name & Weight to be painted on the product. Marking shall be done as indicated below:

- All plates of thickness $> 25\text{mm}$ 1 to 4 shall be maintained by hard stamping and 5 by paint stenciling
- For plates of thickness $> 10\text{mm}$ and upto 25mm (produced from plate / coil) form 1, 2, 3, 4 shall be maintained by paint stenciling/ink jet painting/ hard stamping/ engraving. In case of paint stenciling/ink jet painting, markings to be done along length of the plate at periodic intervals. Suppliers should ensure high life of the printing details.
- All plates of thickness $\leq 10\text{ mm}$ (except made from strip in coil form)1,2,3,4 shall be maintained by paint stenciling.
- Plates of thickness $\leq 10\text{mm}$ (produced from strip in coil form): 1, 2, 3, 4 by paint stenciling on the top of each pile/ packet.

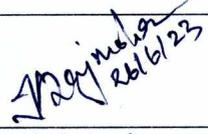
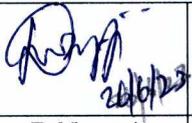
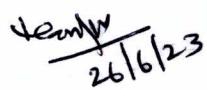
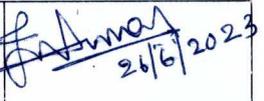
8. INSPECTION AND CERTIFICATION:

Products must be inspected & tested at supplier's works. Test certificate, in English, shall accompany each product with the following details:

- Purchase Order No. (BHEL PO only), TDC No. & its Revision No., Test certificate No. & Date, Size, Plate number and Quantity-Melt wise.
- Material Specification and Grade with applicable year of code, Heat Number, Steel making process, de-oxidation process.
- Chemistry, Carbon equivalent and Heat Treatment details.
- Mechanical test values, including impact values (where applicable), shall be reported.
- Grain size at 100X magnification for Normalizing rolling Plates of thickness above 20mm (Refer Cl. 4(b) of this TDC).
- NDE results with reference and acceptance standards.

Note:

- This TDC shall be read along with SIP:NP:14 (latest revision), for POs placed by Outsourcing department on OVM/ACF vendors.

 26/6/23	 26/06/23	 26/6/23	 26/6/23	 26/6/23	 26/6/2023
M. Jeyaram Manager/QA	S. Anand Kumar SDGM/MM	K. Rajmohan SDGM/Engineering	D. Nagaraj DGM/ OS	T. Pandian AGM/ QC	J. V. V. Aruna kumar AGM/QA&BE
Prepared	Reviewed			Approved	



BHEL – Tiruchirappalli - 620014, India.

Quality Assurance Department
TECHNICAL DELIVERY
CONDITIONS

DOC No: TDC:6:386 Rev: 03

Effective Date: 26/06/2023

Page: 1 of 2

**Product: STRUCTURAL QUALITY PLATES FOR BOILER STRUCTURES OF
PROJECTS: TELANGANA (2x800 MW) - CUST No: 1819, 1820, 1429 , PATRATU (3x800 MW)
- CUST No: 1828, 1829, 1830 ,TALCHER (2x660 MW) CUST No: 1732, 1733**

Record of revisions:

Rev 00: 15/06/2017 - Fresh issue

Rev 01: 07/12/2017 – Cl 2 modified, Cl 3 modified to remove controlled rolling, Cl 4 modified to remove normalizing rolling grain size requirement, Cl 6 and Cl 9(c) modified, Cl 9 (f) removed.

Rev 02: 19/07/2018 – Projects modified to include Patratu (3x800 MW) project.

Rev 03: 20/06/2023 – Talcher project added in title, Editorial corrections made in Cl 6 & 9. Clause 8.i., modified to include coil form plate for thickness upto 25mm, Clause 8.ii newly added.

1. MATERIALS:

All the codes, standards, specifications, procedures, etc., referred in this TDC shall be of latest revision as on the date of Purchase Order, unless specified otherwise.

Specification for Plates : IS 2062,
Grades : IS 2062 E 250 Gr BR & E 350 Gr B0;
Additional Requirement : As listed below (Supplementary to Specification)
Size and Qty. : As per Purchase order (PO)

2. CHEMICAL COMPOSITION AND PROCESS:

IS 2062 E 250 Gr BR & E 350 Gr B0: Fully killed; In addition, for plates of $t > 40$ mm: Vacuum degassing shall be done.

3. HEAT TREATMENT:

For plates of thickness lesser than and including 12mm: As rolled

For plates of thickness beyond 12 mm to and including 40 mm: Normalizing Rolling

For plates of thickness greater than 40 mm: Furnace normalized.

4. MECHANICAL TESTS

- All mandatory tests as per the specification.
- Frequency of all tests: As per material specification.

5. ADDITIONAL MECHANICAL TEST

IS 2062 E250 Gr BR: Impact Testing shall be done at room temperature & acceptance as per material specification.

6. NON DESTRUCTIVE TEST

Ultrasonic Test: For all plates of thickness >40 mm, testing as per ASTM A578.

Acceptance Level: ASTM A578 Level B-S2.

7. FINISH AND REPAIR

Plates shall be free from all mill scales, edge crack and other injurious defects. Repairs by fusion welding is prohibited. Mechanical removal of defects permitted subject to meeting minimum thickness and smooth surface.

8. MARKING (by mill)

1. Specification, 2. Grade, 3. Melt number, 4. Maker's emblem/Code/ Identification

- All plates of thickness > 25 mm 1 to 4 shall be maintained by hard stamping.
 - For plates of thickness >10 mm and upto 25mm (produced from plate / coil) form 1, 2, 3, 4 shall be maintained by paint stenciling/ink jet painting/ hard stamping/ engraving. In case of paint stenciling/ink jet painting, markings to be done along length of the plate at periodic intervals. Suppliers should ensure high life of the printing details.
 - All plates of thickness ≤ 10 mm (as rolled)1,2,3,4 shall be maintained by paint stenciling.
 - Plates of thickness ≤ 10 mm (produced from strip in coil form): 1, 2, 3, 4 by paint stenciling on the top of each pile/ packet.
2. Additionally, Plate number, PO No (in case of BHEL PO only), buyer name & Weight also shall be painted/stenciled on all the products.



BHEL – Tiruchirappalli - 620014, India.

Quality Assurance Department
TECHNICAL DELIVERY
CONDITIONS

DOC No: TDC:6:386 Rev: 03

Effective Date: 26/06/2023

Page: 2 of 2

Product: STRUCTURAL QUALITY PLATES FOR BOILER STRUCTURES OF
PROJECTS: TELANGANA (2x800 MW) - CUST No: 1819, 1820, 1429 , PATRATU (3x800 MW)
- CUST No: 1828, 1829, 1830 ,TALCHER (2x660 MW) CUST No: 1732, 1733

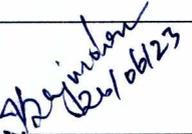
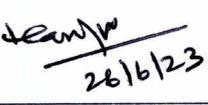
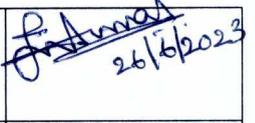
9. INSPECTION AND CERTIFICATION:

Products must be inspected & tested at supplier's works. Test certificate in English shall accompany each product with following details:

- Purchase Order No (BHEL PO only), TDC No. & Rev No, Test certificate No. & Date, Size, Plate number and Quantity-Melt wise.
- Specification and Grade with applicable year of code, Heat Number, Steel making process, de-oxidation process, vacuum degassing.
- Chemistry including trace elements, Carbon equivalent and Heat treatment details.
- Mechanical test Results, Impact values, NDE results with reference and acceptance standards.
- Acceptance limits (for chemistry & mechanical properties) shall be mentioned along with actual test results.

Notes:

- This TDC shall be read along with SIP:NP:14 (latest), for POs placed by outsourcing on OVM/ACF vendors.
- Refer TDC:0:301 (Latest revision) for the requirements of other structural material specifications which are not covered in this TDC.**
- End use:** These plates are meant for use in structural applications for Telangana (2x800 MW) project including Auxiliary boilers ,Patratu project (3x800 MW) and Talcher project (2x660 MW).

 26/6/23	 26/06/23	 26/06/23	 26/6/23	 26/6/23	 26/6/2023
M. Jeyaram	S Anand Kumar	K Rajmohan	D Nagaraj	T Pandian	J V V Aruna kumar
Manager/QA	SDGM/MM	SDGM/Engineering	DGM/ OS	AGM/ QC	AGM/QA&BE
Prepared	Reviewed			Approved	

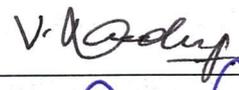
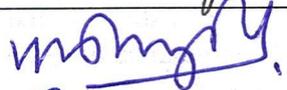
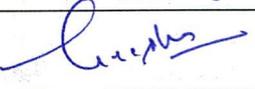
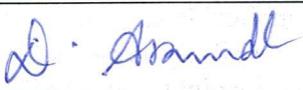
 BHEL Ranipet	Technical Delivery Condition (TDC) for Cold rolled carbon sheet coils	Doc Ref:	TDC:RTA:408
		Rev.No.	04
		Date:	23.09.2024
		Page No	1 of 4

**TECHNICAL DELIVERY CONDITIONS FOR
COLD ROLLED CARBON SHEET COILS**

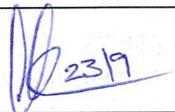
PREPARED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
QA	Ranjith .K / s.m	

REVIEWED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
ENGG (APH)	V. PRADEEP KUMAR	
MATERIAL PLANNING	SHYAM SUNDAR.V.P	
QC (PROCUREMENT)	ZEEESHAN ALI	
QUALITY	D. ARAVINDHAN/DGM	

APPROVED AND ISSUED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
QUALITY & BE	K.SAKETHARAMAN AGM / Q&BE	

	Technical Delivery Condition (TDC) for Cold rolled carbon sheet coils	Doc Ref:	TDC:RTA:408
		Rev .No.	04
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1.0 SCOPE

1.1 This TDC specifies the requirements for cold rolled sheets of deep drawing quality to specification IS 513 GR-CR3 / JIS G 3141 SPCE-SD.

2.0 CHEMICAL & MECHANICAL PROPERTIES

2.1 IS 513

1. Chemistry and Bend test shall be as per IS 513.
2. Erich son cupping value shall be as per Figure 1 of IS 513.
3. Tensile, Yield and Elongation as per IS 513
4. Hardness shall be 57 HRB Max as per JIS G3141

2.2 JIS G3141

1. Chemistry shall be as per material specification (JIS G 3141)
2. Hardness shall be 57 HRB MAX
3. Bendability shall be as per material specification (JIS G 3141)
4. Erich son cupping test shall be conducted and the value shall be as per Figure 1 of IS 513.

3.0 SUPPLY CONDITION

- 3.1 The coils shall be free from slit edges, visual scales and rust etc.
- 3.2 The tolerance thickness and width shall be as follows:
On width : Plus 0.00 to Minus 1.5 mm.
On thickness : Plus 0.07 mm to Minus 0.00 mm
- 3.3 The camber, out of flatness, bend shall be permitted only to the extent specified in the applicable standard.
- 3.4 The ID of the coil shall be 500 mm \pm 20 mm, OD of the coil shall be 1400 mm (max) and coil weight 5 to 10 MT.
- 3.5 **Surface condition**
3.5.1 Cold rolled with matt finish with an oil coat to protect rusting. When ordered as per the Japanese standard, it shall be SPCE-SD that is, skin rolled-dull finished by roll whose surface is made rough mechanically or chemically.

4.0 PACKING

- 4.1 Before packing, the coils shall be given a sufficient coat of rust preventive fluid on the outer part to prevent rusting.
- 4.2 Three binding strips through eye of the coil at equal spacing shall tightly be secured.

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- 4.3 Polythene sheet (thickness more than 20 microns) shall be wrapped over the coil. Subsequently coil shall be wrapped with Hessian cloth.
- 4.4 ID rings shall be provided at both the sides of the coil to protect the coil edges.
- 4.5 Entire circumference of the coil shall be covered with GI sheet / painted sheet. Subsequently, both the faces shall be protected with metal sheets i.e full coil is to be covered.
- 4.6 Three cross strapping shall be tightly secured through the ID of the coil at equal spacing.
- 4.7 Two more strapping along the periphery shall be provided ensuring tight strapping. The outer label containing details as in 5.1 shall be pasted on the packed OD of the coil.
- 4.8 A metal label containing the detail as in 5.1 shall be secured at once of the outer cross strapping.

5.0 IDENTIFICATION

- 5.1 The following details shall be ensured in outer label pasted on the ID of the coil.
 - a. Vendors Name
 - b. Purchase Order Number
 - c. Coil Number
 - d. Specification & Grade
 - e. Net Weight
- 5.2 Two more labels containing all the details as in 5.1, shall be pasted, one on the eye and another on the outer surface of the packed coil.

6.0 TEST CERTIFICATE

- 6.1 The TC shall be in English and containing the following details
 - i. Purchase Order Number
 - ii. Specification and Grade
 - iii. Coil Number
 - iv. Nominal thickness and width
 - v. Chemical composition – melt wise.
 - vi. Bend test result
 - vii. Max. camber
 - viii. Gross and net weight
 - ix. Hardness and Erichson cupping values
 - x. Tensile, Yield and elongation – melt wise
 - xi. Surface finish
- 6.2 BHEL reserves the right to carry out tests and reject the item wherever non-conforming to the requirement of Purchase Order and Technical Delivery Condition.

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RECORD OF REVISIONS

Rev No	Date	Revision details
00	26.02.1996	TDC RTA 008 REV 04 revised and renumbered as TDC RTA 408/REV/00.
01	29.11.2002	Clause 4.0 and Clause 4.1 revised to change tolerance on thickness plus 0.00 to plus 0.015 mm.
02	10.05.2002	TDC totally reviewed and revised.
03	27.04.2021	IS 513 GR.DD terminology based on obsolete standard is revised as IS 513 GR-CR3 based on latest revision. MOM dated 24.04.2021 (Meeting with Engineering, M&S, Purchase, Material Planning, Marketing, QA and QC- Procurement) recommends the above.
04	23.09.2024	<p>Incorporated the changes in Amendment A1 in TDC clause no. 1.1, 2.1 (JIS 3141, sl. No. 1, sl. No. 3), 3.5.1 – changes made based on feedback from QC – Procurement. and Clause No. 3.4 (OD of the coil changed from 1500 mm (max) to 1400 (max) based on feedback from OP&C and M&S vide email dated 10.04.2023</p> <p>Changes in Rev. 04 as below: Mechanical properties (Tensile, Yield and elongation) included in Clause no. (2.1, Sl. No. 5) and Clause no. 6.1 (Sl. No. x) based on NTPC Quality plan requirements.</p> <p>TDC Clause no. 2.1 (Sl. No. 4) – Hardness value in line with JIS G3141 included as the same is not specified in IS 513 standards.</p> <p>Tolerance on thickness (Clause no. 3.2) updated from plus 0.00 mm to minus 0.00 mm for better clarity.</p> <p>TDC clause no. 6.1 (xi) – Surface finish included.</p>

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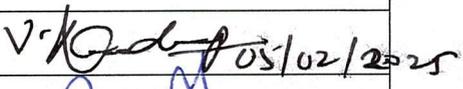
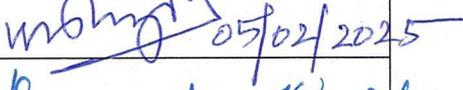
	Technical Delivery Condition (TDC) for Cold rolled carbon sheet coils with standard tolerance.	Doc Ref:	TDC:RTA:410
		Rev .No.	00
		Date:	05.02.2025
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**TECHNICAL DELIVERY CONDITIONS FOR
COLD ROLLED CARBON SHEET COILS
WITH STANDARD TOLERANCE**

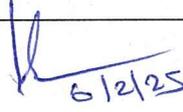
PREPARED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
QA	Ranjith K / S.M	

REVIEWED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
ENGG (APH)	V. PRADEEP KUMAR E6	 05/02/2025
MATERIAL PLANNING	Shyam Sundar VP/AGM	 05/02/2025
QC (PROCUREMENT)	VIVEKANANDA YELW	 06/02/2025
QUALITY ASSURANCE	D. Aravindhan / DGM	

APPROVED AND ISSUED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
QUALITY & BE	K. SAKETHARAMAN /AGM	 6/2/25



**Technical Delivery Condition (TDC)
for Cold rolled carbon sheet coils
with standard tolerance.**

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Date:	05.02.2025
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1.0 SCOPE

1.1 This TDC specifies the requirements for cold rolled carbon sheet coils (CRCA) of deep drawing quality to specification IS 513 GR-CR3 / JIS G 3141 SPCE-SD with standard tolerance. Steel shall be in fully killed condition.

2.0 CHEMICAL & MECHANICAL PROPERTIES

2.1 IS 513

1. Chemistry and Bend test shall be as per IS 513.
2. Erichsen cupping value shall be as per Figure 1 of IS 513.
3. Tensile, Yield and Elongation as per IS 513
4. Hardness shall be 57 HRB Max as per JIS G3141

2.2 JIS G3141

1. Chemistry shall be as per material specification (JIS G 3141)
2. Hardness shall be 57 HRB MAX
3. Bendability shall be as per material specification (JIS G 3141)
4. Erichsen cupping test shall be conducted and the value shall be as per Figure 1 of IS 513.

3.0 SUPPLY CONDITION

3.1 The coils shall be free from slit edges, visual scales and rust etc.

3.2 **The tolerance for thickness shall be as below:**

Specified width (in mm)	Thickness tolerances for specified thicknesses (in mm)					
	≤ 0.4	> 0.4 to ≤ 0.6	> 0.6 to ≤ 0.8	> 0.8 to ≤ 1.0	> 1.0 to ≤ 1.2	> 1.2 to ≤ 1.5
≥ 125 to < 600	-	±0.03	± 0.035	± 0.035	±0.04	±0.04
≥ 600 to ≤ 1200	±0.03	±0.04	±0.05	±0.06	±0.07	±0.09
> 1200 to ≤ 1500	±0.05	±0.05	±0.05	±0.07	±0.08	±0.10

3.3 **The tolerance for width shall be as below:**

Specified width (in mm)	Tolerance (in mm)
≤ 1200	+3 / 0
> 1200, ≤ 1500	+5 / 0

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- 3.4 The camber, out of flatness, bend shall be permitted only to the extent specified in the applicable standard.
- 3.5 The ID of the coil shall be 500 mm \pm 20 mm, OD of the coil shall be 1400 mm (max) and coil weight 5 to 10 MT.
- 3.6 **Surface condition**
- 3.6.1 Cold rolled with matt finish with an oil coat to protect rusting. When ordered as per the Japanese standard, it shall be SPCE-SD that is, skin rolled-dull finished by roll whose surface is made rough mechanically or chemically.

4.0 PACKING

- 4.1 Before packing, the coils shall be given a sufficient coat of rust preventive fluid on the outer part to prevent rusting.
- 4.2 Three binding strips through eye of the coil at equal spacing shall tightly be secured.
- 4.3 Polythene sheet (thickness more than 20 microns) shall be wrapped over the coil. Subsequently coil shall be wrapped with Hessian cloth.
- 4.4 ID rings shall be provided at both the sides of the coil to protect the coil edges.
- 4.5 Entire circumference of the coil shall be covered with GI sheet / painted sheet. Subsequently, both the faces shall be protected with metal sheets i.e full coil is to be covered.
- 4.6 Three cross strapping shall be tightly secured through the ID of the coil at equal spacing.
- 4.7 Two more strapping along the periphery shall be provided ensuring tight strapping. The outer label containing details as in 5.1 shall be pasted on the packed OD of the coil.
- 4.8 A metal label containing the detail as in 5.1 shall be secured at once of the outer cross strapping.

5.0 IDENTIFICATION

- 5.1 The following details shall be ensured in outer label pasted on the ID of the coil.
- Vendors Name
 - Purchase Order Number
 - BHEL material code
 - Coil Number
 - Specification & Grade
 - Net Weight
- 5.2 Two more labels containing all the details as in 5.1, shall be pasted, one on the eye and another on the outer surface of the packed coil.
- 5.3 Band of Orange paint or colour marking to be provided in the inner eye of the packing for identification of coils supplied as per this TDC.

	Technical Delivery Condition (TDC) for Cold rolled carbon sheet coils with standard tolerance.	Doc Ref:	TDC:RTA:410
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6.0 TEST CERTIFICATE

6.1 The TC shall be in English and containing the following details

- i. Purchase Order Number
- ii. Specification and Grade
- iii. Coil Number
- iv. Nominal thickness and width
- v. Chemical composition.
- vi. Bend test result
- vii. Max. camber
- viii. Gross and net weight
- ix. Hardness and Erichsen cupping values
- x. Tensile, Yield and elongation
- xi. Surface finish

6.2 BHEL reserves the right to carry out tests and reject the item wherever non-conforming to the requirement of Purchase Order and Technical Delivery Condition.

RECORD OF REVISIONS

Rev No	Date	Revision details
00	05.02.2025	<p>New TDC prepared based on TDC No. RTA:408, feedback from Material planning, further confirmation from engineering and discussions. The TDC is for cold rolled carbon sheet coils with standard tolerance in line with ISO 16162. The tolerance requirement for width as per ISO 16162 and engineering feedback included. The thickness tolerance included as per IS 16162 for width greater than or equal to 600 mm and as per EN 10140 for width less than 600 mm.</p> <p>The coil type is clarified as CRCA and condition of steel shall be fully killed in TDC clause no. 1.0.</p> <p>Colour coding requirement included based on feedback from APH Engineering/Stores/Production shop/MPLG</p>

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	Technical Delivery Condition(TDC) For Cold Rolled Low Carbon Steel Flat Product for Cold Forming (Collecting Electrode Coils)	Doc Ref.	TDC:RTE:257
		Rev. No.	04
		Date	09.11.2020
		Page No	1 of 3

1.0 SCOPE

This TDC specifies the requirements for the supply of cold steel sheet coils for collecting Electrode.

2.0 MATERIAL SPECIFICATION

2.1 The applicable specification are as follows;

2.1.1 Carbon steel:

- a) JIS G 3141 SPCD-SD
- b) IS: 513 CR-3 [Gr.DD] (Killed, matt finish & best surface)]

2.1.2 Corrosion Resistant Steel:

- a) EN 10130-DC 03 (1.0347)-B-m
- b) COR-TEN A or equivalent

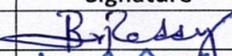
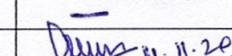
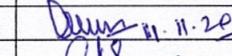
3.0 ADDITIONAL REQUIREMENTS

- 3.1 Tolerance on thickness: ± 0.05 mm
- 3.2 Tolerance on width + 3.0 mm, -0.0 mm
- 3.3 Coil weight shall be restricted between between 12-20 MT for higher width collecting electrodes. Weight of coils for lower width collecting electrodes shall be restricted within 5MT.
- 3.4 ID of the coil shall be restricted to 500-610mm
- 3.5 The camber in the coil shall be maximum of 6 mm for any continuous length of 15 M.
- 3.6 Supply condition of edges in Trimmed only(Coil shall be free from slit edges,scales,rust,etc)

4.0 CHEMICAL AND MECHANICAL PROPERTIES

4.1 Carbon steel:

- 4.1.1 The chemistry & Mechanical properties including hardness for the carbon steel coils shall be as per respective Specification.
- 4.1.2 Carbon steel coils of IS 513 Gr. DD-in addition to mechanical testing cupping test has to be conducted and acceptance norm shall be as per IS 513 Gr. DD

Prepared by	Reviewed by	Signature	Approved by
 Abdul Ghani Sr Engineer/QA	Engineering(AQCS) [B. V. Reddy]		 Arunachalam R DGM/QA
	Material Planning [Valluvan T.A.]		
	Purchase [Gowthaman A]		
	Quality Control(Proc) [Kesavan R]	 11.11.20.	
	Quality Assurance [Renjith K]		

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	Technical Delivery Condition(TDC) For Cold Rolled Low Carbon Steel Flat Product for Cold Forming (Collecting Electrode Coils)	Doc Ref.	TDC:RTE:257
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		Date	09.11.2020
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4.2 CORROSION RESISTANT STEEL:

4.2.1 The chemistry and mechanical properties shall be as follows:

a) Chemical Composition:

-	C	SI	Mn	P	S	Cr	Cu	Ni
MIN	-	0.25	0.20	0.07	-	0.30	0.25	-
MAX	0.12	0.75	0.50	0.15	0.035	1.25	0.55	0.65

b) Mechanical Properties:

- Yield Point: 310 MPA (min),
- Tensile Strength: 445 MPA (min)
- Minimum % Elongation ($L_0 = 5,65 \sqrt{S_0}$)=20

5.0 PACKING:

- 5.1 Before packing, the coils shall be given a sufficient coat of rust preventive fluid on both sides (top & bottom).
- 5.2 Three binding strips through eye of the coil at equal spacing shall tightly be secured.
- 5.3 Polythene Sheet (thickness > 20 microns) shall be wrapped over the coil.
- 5.4 Subsequently coil shall be wrapped with polythene bonded Hessian cloth.
- 5.5 ID rings shall be provided at both the sides of the coil to protect the coil edges.
- 5.6 Entire Circumference of the coil shall be covered with GI sheet/painted sheet.
Subsequently both the faces shall be protected with metal sheets ie., full coil is to be covered with GI sheet/painted sheet.
- 5.7 Three cross strapping shall be tightly secured through the ID of the coil at equal spacing.
- 5.8 Two more strapping shall along the periphery shall be provided ensuring tight strapping.
The outer label shall be pasted on the packed OD of the coil.
- 5.9 A metal label containing the details as mentioned in clause on. 5.10 shall be secured at one of the outer cross strapping.

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 बी एच ई एल Ranipet	Technical Delivery Condition(TDC) For Cold Rolled Low Carbon Steel Flat Product for Cold Forming (Collecting Electrode Coils)	Doc Ref.	TDC:RTE:257
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5.10 Label containing following details shall be pasted on the ID and OD of the coil.

- a) Vendors Name
- b) Purchase Order No.
- c) Coil No.
- d) Specification and grade
- e) Gross Weight
- f) Net Weight.

6.0 TEST CERTIFICATE

Detailed correlated test certificates in English, to be submitted along with the supply, for the tests conducted as required in the respective specification and as mentioned in this TDC.

7.0 BHEL reserves the right to carry out incoming materials cross inspection checks on receipt of coils at BHEL Stores and reject the same, if found, not conforming to the requirement of PO and TDC.

RECORD OF REVISIONS

REV NO	DATE	REVISION DETAILS
00	25.11.1995	TDC: RTE: 024, TDC: RTE: 025, TDC: RTE:062,TDC:RTE:070 AND TDC:RTE:071, were reviewed and merged together.
01	15.05.2002	Totally reviewed and re-issued.
02	06.06.2007	Modified for better clarity.
03	21.03.2013	Clause no. 3.3-Coil weight changed to 12 to 20 MT instead of 8-10 MT considering the new roll forming machine installed at R1 Bay.
04	05.11.2020	Amendment A1 dated 18.07.2017 merged into the TDC. Clause no 3.6 added for requirement for supply condition of edges as per Material Palnning mail dated 13 October 2020.

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ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011721228	RS-001	CR COIL 0.63X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 850 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.63	850	Coil form	130
AA1011721244	RS-002	CR COIL 0.63X700 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 700 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.63	700	Coil form	180
AA1011721279	RS-003	CR COIL 0.63X500 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 500 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.63	500	Coil form	35
AA1011766035	RS-004	GP Sheet 0.63 mm Class VIII IS 277; 0.63 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	Class VIII IS 277	0.63	900 ≤ W ≤ 1250	L = 2500	50
AA1011721333	RS-005	CR COIL 1.50 X 903 X Coil form - IS 513 CR3 DD GR.CR3 TDC:RTE:257; 1.5 X 903 X Coil form [T X W X L] [mm]	TDC:RTE:257 Rev:04	1.5	903	Coil form	60
AA1011715090	RS-006	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 513	1.6	900 ≤ W ≤ 1250	L = 2500	200
AA1011715228	RS-007	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 1250 X 2500 (mm) [T x W x L]; 1.6 X W=1250 X L=2500 [T X W X L] [mm]	IS 513	1.6	W=1250	L=2500	35
AA1011717018	RS-008	HR Sheets 1.6 mm IS 1079 Gr.HR2 SK/K; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR2 SK/K	1.6	900 ≤ W ≤ 1250	L = 2500	300
AA1011713110	RS-009	HR Sheet 2 mm IS 5986 Gr 205; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 5986 Gr 205	2	900 ≤ W ≤ 1250	L = 2500	400
AA1011715970	RS-010	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 1250 X 2500 [T X W X L] [mm]	IS 513	2	1250	2500	40
AA1011717026	RS-011	HR Sheets 2 mm IS 1079 Gr.HR2 SK/K; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR2 SK/K	2	900 ≤ W ≤ 1250	L = 2500	250
AA1011713128	RS-012	HR Sheet 2.5 mm IS 5986 Gr 205; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 5986 Gr 205	2.5	900 ≤ W ≤ 1250	L = 2500	60
AA1011717034	RS-013	HR Sheets 2.5 mm IS 1079 Gr.HR2 SK/K; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR2 SK/K	2.5	900 ≤ W ≤ 1250	L = 2500	200
AA1011715180	RS-014	CR sheet 3.0 mm IS 513 CR2 KLD: 3 x W=1250 x L=2500 ; T (mm) x W (mm) x L (mm); 3 X W=1250 X L=2500 [T X W X L] [mm]	IS 513	3	W=1250	L=2500	35
AA1011713136	RS-015	HR Sheet 3.15 mm IS 5986 Gr 205; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 5986 Gr 205	3.15	900 ≤ W ≤ 1250	L = 2500	250
AA1011716046	RS-016	HR Sheets 3.15 mm IS 1079 Gr.HR1 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR1 SK/K	3.15	900 ≤ W ≤ 1250	L = 2500	107
AA1011717042	RS-017	HR Sheets 3.15 mm IS 1079 Gr.HR2 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR2 SK/K	3.15	900 ≤ W ≤ 1250	L = 2500	100
AA1011713160	RS-018	HR Sheet 4.0mm IS 5986 Gr 205; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 5986 Gr 205	4	900 ≤ W ≤ 1250	L = 2500	220
AA1011717050	RS-019	HR Sheets 4 mm IS 1079 Gr.HR2 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR2 SK/K	4	900 ≤ W ≤ 1250	L = 2500	100

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	Sl./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011837013	RS-020	Pl 5 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TDC:301 Rev 12	5	1500 ≤ W ≤ 1800	L ≤ 6300	435
AA1011845016	RS-021	Pl 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TDC:6:386 Rev 03	5	1500 ≤ W ≤ 1800	L ≤ 6300	2535
AA1014883016	RS-022	CQ Pl 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	IS 3502	5	900 ≤ W ≤ 1250	L ≤ 6300	450
AA1017838054	RS-023	Pl 5 mm IS2062 E250 Gr BR/K ; TDC:301 ; 5 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 5 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	5	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	50
AA1011837030	RS-024	Pl 6 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TDC:301 Rev 12	6	1500 ≤ W ≤ 1800	L ≤ 6300	200
AA1011845024	RS-025	Pl 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TDC:6:386 Rev 03	6	1500 ≤ W ≤ 1800	L ≤ 6300	2120
AA1014883024	RS-026	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	IS 3502	6	900 ≤ W ≤ 1250	L ≤ 6300	850
AA1017838070	RS-027	Pl 6 mm IS2062 E250 Gr BR/K ; TDC:301 ; 6 (T) x 2500 (W) x (6300-12000) (L) [mm]; 6 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	6	2500	6300 ≤ L ≤ 12000	35
AA1017845131	RS-028	Pl 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 (T) x 2000 (W) x (6300-12000) (L) mm; 6 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	6	2000	6300 ≤ L ≤ 12000	37
AA1011845040	RS-029	Pl 7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 7 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TDC:6:386 Rev 03	7	1500 ≤ W ≤ 1800	L ≤ 6300	400
AA1011845059	RS-030	Pl 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	8	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	1700
AA1014883040	RS-031	CQ Pl 8 mm IS 3502; 8 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	IS 3502	8	900 ≤ W ≤ 1250	L ≤ 6300	60
AA1017845158	RS-032	Pl 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 (T) x 2000 (W) x (6300-12000) (L) mm; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	8	2000	6300 ≤ L ≤ 12000	285
AA1017845310	RS-033	Pl 8 mm IS2062 E250 Gr BR/K TDC:386; 8 (T) x 2500 (W) x (6300-12000) (L) [mm]; 8 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	8	2500	6300 ≤ L ≤ 12000	87
AA1018845046	RS-034	Pl 8 mm IS 2062 E250Br/K TDC:6:386,; 8 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	8	2500	12000	70
AA1011837129	RS-035	Pl 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	10	W= 2500	10000 ≤ L ≤ 12500	405
AA1011837684	RS-036	Pl 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 10 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev 12	10	2500	L= 6300	324

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	Sl./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011838087	RS-037	Pl 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	10	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	160
AA1011838532	RS-038	Pl 10 mm IS 2062 E250Br/K TDC 301 , width 2000mm, length 12000 mm; 10 X 2000 X 12000 [T X W X L] [mm]	TDC:301 Rev 12	10	2000	12000	48
AA1011838826	RS-039	Pl 10 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A578 Level B, width 3200 mm, length 8000 mm; 10 X W = 3200 X L = 8000 [T X W X L] [mm]	TDC:301 Rev 12	10	W = 3200	L = 8000	35
AA1011845067	RS-040	Pl 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	10	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	600
AA1011845873	RS-041	Pl 10 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 10 X 2000 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	10	2000	12000	954
AA1011845881	RS-042	Pl 10 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 10000mm; 10 X 2500 X 10000 [T X W X L] [mm]	TDC:6:386 Rev 03	10	2500	10000	898
AA1011846276	RS-043	Pl 10 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	10	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	360
AA1017845166	RS-044	Pl 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	10	2000	6300 ≤ L ≤ 12000	2335
AA1017845492	RS-045	Plate 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x 9000 (L) mm; 10 X 2000 X 9000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	10	2000	9000	450
AA1011837692	RS-046	Pl 12 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 12 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev 12	12	2500	L= 6300	35
AA1011842408	RS-047	Pl 12 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	12	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	120
AA1011845083	RS-048	Pl 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	12	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	690
AA1011845091	RS-049	Pl 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X W= 3700 X L= 5800 [T X W X L] [mm]	TDC:6:386 Rev 03	12	W= 3700	L= 5800	50
AA1011845555	RS-050	Pl 12 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	12	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	35
AA1011845890	RS-051	Pl 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	12	2500	12000	1465
AA1011846284	RS-052	Pl 12 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	12	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	155

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1017845174	RS-053	Pl 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 (T) x 2000 (W) x (6300-12000) (L) mm; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	12	2000	6300 ≤ L ≤ 12000	176
AA1041803630	RS-054	PL 12MM A516 GR. 70; TDC: AA10403 REV 01 + SUPPLEMENTRY RQUIREMENTS: IMPACT TEST (S5 + SL. NO. 1 & 2 OF ANNEXURE- 1)+BEND TEST (SL. NO. 5 OF ANNEXURE-1) ; 12 X 3000 X 8000< L < 12000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	12	3000	8000< L < 12000	35
AA1011845962	RS-055	Pl 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12.7 X 3750 X 5850 [T X W X L] [mm]	TDC:6:386 Rev 03	12.7	3750	5850	160
AA1011842424	RS-056	Pl 16 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	16	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	285
AA1011845113	RS-057	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	16	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	800
AA1011845571	RS-058	Pl 16 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	16	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	35
AA1011845903	RS-059	Pl 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	16	2500	12000	1270
AA1011846306	RS-060	Pl 16 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	16	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	80
AA1017838240	RS-061	Pl 16 mm IS2062 E250 Gr BR/K TDC:301; 16 (T) x 2000 (W) x (6300-12000) (L) [mm]; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	16	2000	6300 ≤ L ≤ 12000	35
AA1017838267	RS-062	Pl 16 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 16 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 16 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev.12	16	2500	L= 6300	243
AA1017845190	RS-063	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2000 (W) x (6300-12000) (L) mm; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	16	2000	6300 ≤ L ≤ 12000	606
AA1017845220	RS-064	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	16	2500	6300 ≤ L ≤ 12000	275
AA1041803117	RS-065	PL 16 MM A516 GRADE-70- Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 16 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	16	2000≤ W ≤2500	8000 ≤ L ≤12500	60
AA1041803320	RS-066	PL 16 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 16 x 2500 x 5700 [T X W X L] [mm]; 16 X 2500 X 5700 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	16	2500	5700	50
AA1011846969	RS-067	PLATE 18.0 MM; IS2062E350 GR B0; TDC:6:386;REV:03: 18 x 2500 x (10000-12000) (T x W x L) mm; 18 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	18	2500	10000 ≤ L ≤ 12000	50

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011838761	RS-068	PLATE-20 IS2062 E250BR TDC:301 Rev 12; 20 X 2500 X 12650 [T X W X L] [mm]	TDC:301 Rev 12	20	2500	12650	40
AA1011842084	RS-069	PI 20 mm IS2062 E350 Gr BR TDC 301 Rev 12; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	20	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	180
AA1011845148	RS-070	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	20	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	835
AA1011846098	RS-071	PI 20 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	20	2000 ≤ W ≤ 2500	6300 ≤ L ≤ 12000	97
AA1017838275	RS-072	PI 20 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 20 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 20 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev.12	20	2500	L= 6300	97
AA1017845239	RS-073	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 (T) x 2000 (W) x (6300-12000) (L) mm; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	20	2000	6300 ≤ L ≤ 12000	130
AA1017845247	RS-074	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	20	2500	6300 ≤ L ≤ 12000	1548
AA1017845387	RS-075	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 x 2500 x 7100 [T X W X L] [mm]; 20 X 2500 X 7100 [T X W X L] [mm]	TDC 6 386 Rev. no.3	20	2500	7100	200
AA1041804539	RS-076	PLATE 20 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 20 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	20	2500	8000 ≤ L ≤ 10000	35
AA1048803465	RS-077	PL 20 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + SI. No. 1 & 2 of Annexure-1) + Bend Test(SI. No. 5 of Annexure-1); 20 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	20	2500	6300	97
AA1017845484	RS-078	PLATE 22 MM; IS2062 E250GRBr; TDC:6:386:REV:03: 22 x 2500 x (10000-12000) (T x W x L) mm; 22 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	22	2500	10000 ≤ L ≤ 12000	40
AA1041804547	RS-079	PLATE 22 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 22 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	22	2500	8000 ≤ L ≤ 10000	40
AA1041804687	RS-080	PL 22 MM A515 GRADE-70; 22 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	22	2000≤ W ≤2500	8000 ≤ L ≤12500	55
AA1041804806	RS-081	PL 22 MM A515 GRADE-70; AA10404; 22 X 3000 X 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	22	3000	10000	36
AA1011838036	RS-082	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 25 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	25	W= 2500	10000 ≤ L ≤ 12500	35
AA1011838893	RS-083	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435; 25 X 2500 X 8000 < L < 12500 [T X W X L] [mm]	TDC:301 Rev 12	25	2500	8000 < L < 12500	100

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	Sl./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011842114	RS-084	PI 25 mm IS2062 E350 Gr BR TDC 301 Rev 12; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	25	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	340
AA1011842912	RS-085	PI 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	25	2500	6300 ≤ L ≤ 12000	50
AA1011845610	RS-086	HR PLATE 25X2800X12000-IS 2062 GR.B; 25 X 2800 X 12000 [T X W X L] [mm] TDC:6:386 Rev 03	TDC:6:386 Rev 03	25	2800	12000	100
AA1011845679	RS-087	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	25	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	35
AA1017838283	RS-088	PI 25 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 25 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 25 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev.12	25	2500	L= 6300	46
AA1017845085	RS-089	PL.25 x 2500 x 12000 is 2062 E250 Gr. Br. TDC 6 386 Rev.03; 25 X 2500 X 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	25	2500	12000	300
AA1017845263	RS-090	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	25	2500	6300 ≤ L ≤ 12000	893
AA1017845328	RS-091	PL25 E250GR-BR/K TDC:6:386; 25X3100X12000 ; T (mm) x W (mm) x L (mm); 25 X 3100 X 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	25	3100	12000	59
AA1048803457	RS-092	PL 25 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 25 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	25	2500	6300	37
AA1048803783	RS-093	PLT BQ 25 MM (SA516 GR70) TDC: AA10403 +IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 25 x 2500 x 13000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 25 X 2500 X 13000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	25	2500	13000	500
AA1011842122	RS-094	PI 28 mm IS2062 E350 Gr BR TDC 301 Rev 12; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	28	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1011845687	RS-095	PI 28 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	28	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	180
AA1011846136	RS-096	PI 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	28	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	120
AA1048803791	RS-097	PLT BQ 28 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 28 x 2500 x 13000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 28 X 2500 X 13000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	28	2500	13000	35
AA1041804482	RS-098	PLATE 30 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 30 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	30	2500	8000 ≤ L ≤ 10000	35
AA1047801019	RS-099	PL 30 mm IS 2002 GRADE-2; TDC: AA10401; W = 2500 ; L= 8000; [Thickness, Length (L) & Width (W) are in mm]; 30 X 2500 X 8000 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA10401 (LATEST REVISION)	30	2500	8000	100

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011837315	RS-100	PI 32 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 32 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	32	W= 2500	10000 ≤ L ≤ 12500	100
AA1011838850	RS-101	PI 32 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435,width 2500 mm, length 12500 mm; 32 X W = 2500 X L = 12500 [T X W X L] [mm]	TDC:301 Rev 12	32	W = 2500	L = 12500	200
AA1011842149	RS-102	PI 32 mm IS2062 E350 Gr BR TDC 301 Rev 12; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	32	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	166
AA1011845695	RS-103	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	32	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	805
AA1011846160	RS-104	PI 32 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 32 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	32	W= 2500	L= 12000	80
AA1017838305	RS-105	PI 32 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 32 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 32 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev.12	32	2500	L= 6300	58
AA1017845336	RS-106	PL32 E250GR-BR/K TDC:6:386; 32X3200X6500 ; T (mm) x W (mm) x L (mm); 32 X 3200 X 6500 [T X W X L] [mm]	TDC 6 386 Rev. no.3	32	3200	6500	125
AA1017845344	RS-107	PL32 E250GR-BR/K TDC:6:386; 32X2650X11100 ; T (mm) x W (mm) x L (mm); 32 X 2650 X 11100 [T X W X L] [mm]	TDC 6 386 Rev. no.3	32	2650	11100	177
AA1017845352	RS-108	PL32 E250GR-BR/K TDC:6:386; 32X2550X10000; T (mm) x W (mm) x L (mm); 32 X 2550 X 10000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	32	2550	10000	51
AA1048803449	RS-109	PL 32 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 32 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	32	2500	6300	51
AA1048803805	RS-110	PLT BQ 32MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 32 X 2500 X (10000≤ L ≤ 12000); [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 32 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	32	2500	10000 ≤ L ≤ 12000	176
AA1041804474	RS-111	PLATE 35 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 35 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	35	2500	8000 ≤ L ≤ 10000	40
AA1011837340	RS-112	PI 36 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 36 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	36	W= 2500	10000 ≤ L ≤ 12500	200
AA1011842181	RS-113	PI 36 mm IS2062 E350 Gr BR/K TDC 301 Rev 12; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	36	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	155
AA1011845237	RS-114	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03 + ULTRASONIC TESTING AS PER ASTM A435; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	36	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1011845709	RS-115	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	36	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	117
AA1017845360	RS-116	PL36 E250GR-BR/K TDC:6:386; 36X3200X11000 ; T (mm) x W (mm) x L (mm); 36 X 3200 X 11000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	36	3200	11000	50

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1048803538	RS-117	PL 36 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 36 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	36	2500	6300	46
AA1011837757	RS-118	Pl 40 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	40	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	250
AA1011838370	RS-119	Pl 40 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12000mm; 40 X W=2500 X L =12000 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	40	W=2500	L =12000	200
AA1011842203	RS-120	Pl 40 mm IS2062 E350 Gr BR TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	40	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	55
AA1011845253	RS-121	Pl 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X W= 3800 X L= 5700 [T X W X L] [mm]	TDC:6:386 Rev 03	40	W= 3800	L= 5700	55
AA1011845717	RS-122	Pl 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	40	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	586
AA1011845750	RS-123	Pl 40 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 40 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	40	2500	12000	150
AA1011846209	RS-124	Pl 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	40	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	35
AA1017845379	RS-125	PL40 E250GR-BR/K TDC:6:386; 40X3200X11000 ; T (mm) x W (mm) x L (mm); 40 X 3200 X 11000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	40	3200	11000	270
AA1041804563	RS-126	PLATE 40 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 40 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	40	2500	8000 ≤ L ≤ 10000	35
AA1048803430	RS-127	PL 40 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 40 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	40	2500	6300	80
AA1048803813	RS-128	PLT BQ 40 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 40 x 2500 x 9000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 40 X 2500 X 9000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	40	2500	9000	40
AA1011838982	RS-129	Pl 45 mm IS2062 E250 Gr Br.K TDC 301 Rev 12;45 x 2500 x 6300-12000; (T x W x L) mm; 45 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	45	2500	6300 ≤ L ≤ 12000	100
AA1011845261	RS-130	Pl 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	45	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	35
AA1011845270	RS-131	Pl 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	45	W= 2500	8000 ≤ L ≤ 12000	110

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	Sl./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011846349	RS-132	Pl 45 mm IS 2062 E350B0 TDC:6:386, width 2000 - 2500 mm, length 8000- 12000 mm; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	45	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	90
AA1011845288	RS-133	Pl 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	50	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	197
AA1011845776	RS-134	Pl 50 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 50 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	50	2500	12000	100
AA1011846225	RS-135	Pl 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	50	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	85
AA1011846233	RS-136	Pl 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	50	W= 2500	L= 12000	900
AA1048803414	RS-137	PL 50 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 50 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	50	2500	6300	151
AA1041804598	RS-138	PLATE 55 MM A515 Gr.70 ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 55 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	AA10404 (LATEST REVISION)	55	2500	8000 ≤ L ≤ 10000	35
AA1011837439	RS-139	Pl 56 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 56 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	56	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1041803222	RS-140	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 56 X 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	56	2500	8000 ≤ L ≤ 12500	44
AA1048803406	RS-141	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 56 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	56	2500	6300	56
AA1011845334	RS-142	Pl 60 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 60 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	60	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	50
AA1011837455	RS-143	Pl 63 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	63	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1011845369	RS-144	Pl 63 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:6:386 Rev 03	TDC:6:386 Rev 03	63	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	60
AA1017838330	RS-145	PL 63 IS 2062 E250GR-BR/K TDC:301, 63 X 2150 X 12000 [T X W X L] [mm]; 63 X 2150 X 12000 [T X W X L] [mm]	TDC:301 Rev.12	63	2150	12000	204
AA1017838348	RS-146	PL 63 IS 2062 E250GR-BR/K, TDC:301, 63 X 1875 X 9000 [T X W X L] [mm]; 63 X 1875 X 9000 [T X W X L] [mm]	TDC:301 Rev.12	63	1875	9000	90

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	Sl./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1017845433	RS-147	PLATE 63.0 MM; IS2062E250 GR Br.; TDC:6:386:REV:03: 63 x 2500 x (10000-12000) (T x W x L) mm; 63 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	63	2500	10000 ≤ L ≤ 12000	100
AA1041801068	RS-148	PL 63 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 3600 ; L= 7800;[Thickness, Length (L) & Width (W) are in mm]; 63 X 3600 X 7800 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA10401 (LATEST REVISION)	63	3600	7800	150
AA1041803230	RS-149	PL 63 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 63 X 2500 X 8000 ≤ L ≤12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	63	2500	8000 ≤ L ≤12500	37
AA1048803392	RS-150	PL 63 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 63 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	63	2500	6300	100
AA1011837471	RS-151	PI 70 mm IS 2062 E 250 Gr A/BR/SK/K; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	70	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1048803384	RS-152	PL 70 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 70 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	70	2500	6300	35
AA1011837501	RS-153	PI 80 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 80 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	80	W= 2500	8000 ≤ L ≤ 12000	180
AA1011844168	RS-154	PI 80 mm IS2062 E350 Gr C; TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + Bend Test + UT: ASTM A 578 Level B.;80 mm 2500 mm 7000 mm : T X W X L (mm; 80 X 2500 X 7000 [T X W X L] [mm]	TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + Bend Test + UT: ASTM A 578 Level B.	80	2500	7000	66
AA1017838321	RS-155	PL 80 IS 2062 E250GR-BR/K, TDC:301, 80 X 2500 X 7650 [T X W X L] [mm]; 80 X 2500 X 7650 [T X W X L] [mm]	TDC:301 Rev.12	80	2500	7650	200
AA1017845417	RS-156	PI 80 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 80 x 2850 x 10700 [T X W X L] [mm]; 80 X 2850 X 10700 [T X W X L] [mm]	TDC 6 386 Rev. no.3	80	2850	10700	100
AA1048803376	RS-157	PL 80 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 80 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	80	2500	6300	60
AA1011845415	RS-158	PI 90 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 90 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	90	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	90
AA1048803546	RS-159	PL 90 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 90 X 2500 X 5000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	90	2500	5000	45
AA1011837544	RS-160	PI 100 mm IS 2062 E 250 Gr A/BR/SK/K; 100 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	TDC:301 Rev 12	100	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	166
AA1011845423	RS-161	PI 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 X W= 4400 X L= 4600 [T X W X L] [mm]	TDC:6:386 Rev 03	100	W= 4400	L= 4600	65

ANNEXURE-A-Rate Schedule details

Q4-FA-Plates, Sheets, Coils

UNIFIED MATERIAL CD	SI./RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1017845409	RS-162	PL 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 x 2500 x 6000 [T X W X L] [mm]; 100 X 2500 X 6000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	100	2500	6000	100
AA1041801084	RS-163	PL 100 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2200 ; L= 4800;[Thickness, Length (L) & Width (W) are in mm]; 100 X 2200 X 4800 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA10401 (LATEST REVISION)	100	2200	4800	100
AA1048803562	RS-164	PL 100 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1); 100 X 2200 X 10000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	100	2200	10000	50
AA1011837552	RS-165	PL 110 mm IS 2062 E 250 Gr A/BR/SK/K; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	110	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1048803627	RS-166	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 110 X 2500 X 6000 [T X W X L] [mm] AA10403 (LATEST REVISION)	AA10403 (LATEST REVISION)	110	2500	6000	55
AA1011837560	RS-167	PL 115 mm IS 2062 E 250 Gr A/BR/SK/K; 115 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	TDC:301 Rev 12	115	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	110
AA1041801548	RS-168	PL 140 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2000 ; L= 10500;[Thickness, Length (L) & Width (W) are in mm; 140 X 2000 X 10500 [T X W X L] [mm] AA10401 (LATEST REVISION)	AA10401 (LATEST REVISION)	140	2000	10500	100
AA1011844303	RS-169	PL 190 mm IS2062 E350 Gr C TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + UT: ASTM A435, 190 mm 2250 mm 6300 mm T X W X L (mm); 190 X 2250 X 6300 [T X W X L] [mm]	TDC:301 Rev.12	190	2250	6300	232
						Grand Total	41141

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-001	AA1011721228	CR COIL 0.63X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 850 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	130
RS-002	AA1011721244	CR COIL 0.63X700 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 700 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	180
RS-003	AA1011721279	CR COIL 0.63X500 IS 513 CR3 DD TDC:RTA:408:R04; 0.63 X 500 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	35
RS-004	AA1011766035	GP Sheet 0.63 mm Class VIII IS 277; 0.63 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	50
RS-005	AA1011721333	CR COIL 1.50 X 903 X Coil form - IS 513 CR3 DD GR.CR3 TDC:RTE:257; 1.5 X 903 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-006	AA1011715090	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	200
RS-007	AA1011715228	CR sheet 1.6 mm IS 513 CR2 - KLD; 1.6 X 1250 X 2500 (mm) [T X W X L]; 1.6 X W=1250 X L=2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-008	AA1011717018	HR Sheets 1.6 mm IS 1079 Gr.HR2 SK/K; 1.6 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	300
RS-009	AA1011713110	HR Sheet 2 mm IS 5986 Gr 205; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	400
RS-010	AA1011715970	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 1250 X 2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-011	AA1011717026	HR Sheets 2 mm IS 1079 Gr.HR2 SK/K; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	250
RS-012	AA1011713128	HR Sheet 2.5 mm IS 5986 Gr 205; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-013	AA1011717034	HR Sheets 2.5 mm IS 1079 Gr.HR2 SK/K; 2.5 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	200
RS-014	AA1011715180	CR sheet 3.0 mm IS 513 CR2 KLD: 3 x W=1250 x L=2500; T (mm) x W (mm) x L (mm); 3 X W=1250 X L=2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-015	AA1011713136	HR Sheet 3.15 mm IS 5986 Gr 205; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	250
RS-016	AA1011716046	HR Sheets 3.15 mm IS 1079 Gr.HR1 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	37
RS-016	AA1011716046	HR Sheets 3.15 mm IS 1079 Gr.HR1 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-016	AA1011716046	HR Sheets 3.15 mm IS 1079 Gr.HR1 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-017	AA1011717042	HR Sheets 3.15 mm IS 1079 Gr.HR2 SK/K; 3.15 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-018	AA1011713160	HR Sheet 4.0mm IS 5986 Gr 205; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	220
RS-019	AA1011717050	HR Sheets 4 mm IS 1079 Gr.HR2 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-020	AA1011837013	PI 5 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	400
RS-020	AA1011837013	PI 5 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	35
RS-021	AA1011845016	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	1800
RS-021	AA1011845016	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	600
RS-021	AA1011845016	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-021	AA1011845016	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-022	AA1014883016	CQ PI 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	350
RS-022	AA1014883016	CQ PI 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-023	AA1017838054	PI 5 mm IS2062 E250 Gr BR/K; TDC:301; 5 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 5 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	50
RS-024	AA1011837030	PI 6 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	200
RS-025	AA1011845024	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	1500
RS-025	AA1011845024	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	300
RS-025	AA1011845024	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	250
RS-025	AA1011845024	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-025	AA1011845024	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	35
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	100
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	CFFP, Haridwar	Haridwar	Uttarakhand	50
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	350
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	200
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	47

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-026	AA1014883024	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSSR, Chennai	TSGENCO 5X800 MW YADADRI TPS, NALGONDA DISTT TELENGANA	Telangana	68
RS-027	AA1017838070	PI 6 mm IS2062 E250 Gr BR/K ; TDC:301 ; 6 (T) x 2500 (W) x (6300-12000) (L) [mm]; 6 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-028	AA1017845131	PI 6 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 6 (T) x 2000 (W) x (6300-12000) (L) mm; 6 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSEER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	37
RS-029	AA1011845040	PI 7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 7 X 1500 ≤ W ≤ 1800 X L ≤ 6300 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	400
RS-030	AA1011845059	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	1100
RS-030	AA1011845059	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	600
RS-031	AA1014883040	CQ PI 8 mm IS 3502; 8 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSSR, Chennai	TANGEDCO 2 X 660 MW ENNORE SEZ STPP	Tamil Nadu	60
RS-032	AA1017845158	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 (T) x 2000 (W) x (6300-12000) (L) mm; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	250
RS-032	AA1017845158	PI 8 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 8 (T) x 2000 (W) x (6300-12000) (L) mm; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-033	AA1017845310	PI 8 mm IS2062 E250 Gr BR/K TDC:386; 8 (T) x 2500 (W) x (6300-12000) (L) [mm]; 8 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSEER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	46
RS-033	AA1017845310	PI 8 mm IS2062 E250 Gr BR/K TDC:386; 8 (T) x 2500 (W) x (6300-12000) (L) [mm]; 8 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSEER, Kolkata	Yamunanagar	Haryana	41
RS-034	AA1018845046	PI 8 mm IS 2062 E250Br/K TDC:6:386; ; 8 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	35
RS-034	AA1018845046	PI 8 mm IS 2062 E250Br/K TDC:6:386; ; 8 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-035	AA1011837129	PI 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	200
RS-035	AA1011837129	PI 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-035	AA1011837129	PI 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	PSSR, Chennai	TANGEDCO 2 X 660 MW ENNORE SEZ STPP	Tamil Nadu	70
RS-035	AA1011837129	PI 10 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	PSSR, Chennai	TSGENCO 5X800 MW YADADRI TPS, NALGONDA DISTT TELENGANA	Telangana	35
RS-036	AA1011837684	PI 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 10 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	324
RS-037	AA1011838087	PI 10 mm IS 2062 E 250 Gr A/BR/SK/K TDC 301 Rev 12; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	160
RS-038	AA1011838532	PI 10 mm IS 2062 E250Br/K TDC 301 , width 2000mm, length 12000 mm; 10 X 2000 X 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	48
RS-039	AA1011838826	PI 10 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A578 Level B, width 3200 mm, length 8000 mm; 10 X W = 3200 X L = 8000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-040	AA1011845067	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	600
RS-041	AA1011845873	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 10 X 2000 X 12000 [T X W X L] [mm]	PSEER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW)	Chhattisgarh	841
RS-041	AA1011845873	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 10 X 2000 X 12000 [T X W X L] [mm]	PSEER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	113
RS-042	AA1011845881	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 10000mm; 10 X 2500 X 10000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	500
RS-042	AA1011845881	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 10000mm; 10 X 2500 X 10000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	200
RS-042	AA1011845881	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 10000mm; 10 X 2500 X 10000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	198
RS-043	AA1011846276	PI 10 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 10 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	360

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-044	AA1017845166	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	444
RS-044	AA1017845166	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	928
RS-044	AA1017845166	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	71
RS-044	AA1017845166	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	52
RS-044	AA1017845166	PI 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x (6300-12000) (L) mm; 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW) SG ISLAND PKG SET- 01	West Bengal	840
RS-045	AA1017845492	Plate 10 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 10 (T) x 2000 (W) x 9000 (L) mm; 10 X 2000 X 9000 [T X W X L] [mm]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	450
RS-046	AA1011837692	PI 12 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 12 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-047	AA1011842408	PI 12 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTTP, YAMUNA NAGAR	Haryana	120
RS-048	AA1011845083	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	550
RS-048	AA1011845083	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	140
RS-049	AA1011845091	PI 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 X W= 3700 X L= 5800 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-050	AA1011845555	PI 12 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-051	AA1011845890	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	300
RS-051	AA1011845890	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-051	AA1011845890	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	700
RS-051	AA1011845890	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	395
RS-051	AA1011845890	PI 12 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 12 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-052	AA1011846284	PI 12 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	120
RS-052	AA1011846284	PI 12 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 12 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	35
RS-053	AA1017845174	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 (T) x 2000 (W) x (6300-12000) (L) mm; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	105
RS-053	AA1017845174	PI 12 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12 (T) x 2000 (W) x (6300-12000) (L) mm; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	71
RS-054	AA1041803630	PL 12MM A516 GR. 70; TDC: AA10403 REV 01 + SUPPLEMENTRY RQUIREMENTS: IMPACT TEST (S5 + SL. NO. 1 & 2 OF ANNEXURE- 1)+BEND TEST (SL. NO. 5 OF ANNEXURE-1) ; 12 X 3000 X 8000< L < 12000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-055	AA1011845962	PI 12.7 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 12.7 X 3750 X 5850 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	160
RS-056	AA1011842424	PI 16 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	60
RS-056	AA1011842424	PI 16 mm IS 2062 E 350 Gr BR/K TDC 301 Rev 12; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTTP, YAMUNA NAGAR	Haryana	225
RS-057	AA1011845113	PI 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	800
RS-058	AA1011845571	PI 16 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-059	AA1011845903	PI 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	500

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-059	AA1011845903	Pl 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	35
RS-059	AA1011845903	Pl 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-059	AA1011845903	Pl 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	618
RS-059	AA1011845903	Pl 16 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 16 X 2500 X 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	82
RS-060	AA1011846306	Pl 16 mm IS 2062 E 350 Gr B0 TDC:6:386 Rev 03; 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	80
RS-061	AA1017838240	Pl 16 mm IS2062 E250 Gr BR/K TDC:301; 16 (T) x 2000 (W) x (6300-12000) (L) [mm]; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSSR, Chennai	TANGEDCO 2 X 660 MW ENNORE SEZ STPP	Tamil Nadu	35
RS-062	AA1017838267	Pl 16 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 16 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 16 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	243
RS-063	AA1017845190	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2000 (W) x (6300-12000) (L) mm; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	121
RS-063	AA1017845190	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2000 (W) x (6300-12000) (L) mm; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	255
RS-063	AA1017845190	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2000 (W) x (6300-12000) (L) mm; 16 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW) SG ISLAND PKG SET- 01	West Bengal	230
RS-064	AA1017845220	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	150
RS-064	AA1017845220	Pl 16 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	125
RS-065	AA1041803117	PL 16 MM A516 GRADE-70- Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 16 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	60
RS-066	AA1041803320	PL 16 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 16 x 2500 x 5700 [T X W X L] [mm]; 16 X 2500 X 5700 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEEP, Haridwar	Haridwar	Uttarakhand	50
RS-067	AA1011846969	PLATE 18.0 MM; IS2062E350 GR B0; TDC:6:386:REV:03: 18 x 2500 x (10000-12000) (T x W x L) mm; 18 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	50
RS-068	AA1011838761	PLATE-20 IS2062 E250BR TDC:301 Rev 12; 20 X 2500 X 12650 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	40
RS-069	AA1011842084	Pl 20 mm IS2062 E350 Gr BR TDC 301 Rev 12; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTTP, YAMUNA NAGAR	Haryana	180
RS-070	AA1011845148	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	800
RS-070	AA1011845148	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-071	AA1011846098	Pl 20 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 20 X 2000 ≤ W ≤ 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	97
RS-072	AA1017838275	Pl 20 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 20 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 20 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	97
RS-073	AA1017845239	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 (T) x 2000 (W) x (6300-12000) (L) mm; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	35
RS-073	AA1017845239	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 (T) x 2000 (W) x (6300-12000) (L) mm; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	50
RS-073	AA1017845239	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 (T) x 2000 (W) x (6300-12000) (L) mm; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW) SG ISLAND PKG SET- 01	West Bengal	45
RS-074	AA1017845247	Pl 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	200

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-074	AA1017845247	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	1200
RS-074	AA1017845247	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	50
RS-074	AA1017845247	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhilai	Chhattisgarh	35
RS-074	AA1017845247	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 16 (T) x 2500 (W) x (6300-12000) (L) mm; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	63
RS-075	AA1017845387	PI 20 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 20 x 2500 x 7100 [T X W X L] [mm]; 20 X 2500 X 7100 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	200
RS-076	AA1041804539	PLATE 20 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 20 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-077	AA1048803465	PL 20 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 20 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	97
RS-078	AA1017845484	PLATE 22 MM; IS2062 E250GRBr; TDC:6:386:REV:03: 22 x 2500 x (10000-12000) (T x W x L) mm; 22 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	40
RS-079	AA1041804547	PLATE 22 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 22 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HERP, Varanasi	Varanasi	Uttar Pradesh	40
RS-080	AA1041804687	PL 22 MM A515 GRADE-70; 22 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10404 (LATEST REVISION)	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	55
RS-081	AA1041804806	PL 22 MM A515 GRADE-70; AA10404; 22 X 3000 X 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	36
RS-082	AA1011838036	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 25 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-083	AA1011838893	PI 25 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435; 25 X 2500 X 8000 < L < 12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-084	AA1011842114	PI 25 mm IS2062 E350 Gr BR TDC 301 Rev 12; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	340
RS-085	AA1011842912	PI 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	50
RS-086	AA1011845610	HR PLATE 25X2800X12000-IS 2062 GR.B; 25 X 2800 X 12000 [T X W X L] [mm] TDC:6:386 Rev 03	BAP, Ranipet	Ranipet	Tamil Nadu	100
RS-087	AA1011845679	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-088	AA1017838283	PI 25 mm IS2062 E250 Gr BR/K ; TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 25 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 25 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	46
RS-089	AA1017845085	PL.25 x 2500 x 12000 is 2062 E250 Gr. Br. TDC 6 386 Rev.03; 25 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	300
RS-090	AA1017845263	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	100
RS-090	AA1017845263	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	350
RS-090	AA1017845263	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSSR, Chennai	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	236
RS-090	AA1017845263	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 (T) x 2500 (W) x (6300-12000) (L) mm; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	207
RS-091	AA1017845328	PL25 E250GR-BR/K TDC:6:386; 25X3100X12000 ; T (mm) x W (mm) x L (mm); 25 X 3100 X 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	59
RS-092	AA1048803457	PL 25 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 25 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	37
RS-093	AA1048803783	PLT BQ 25 MM (SA516 GR70) TDC: AA10403 +IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 25 x 2500 x 13000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 25 X 2500 X 13000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	500

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-094	AA1011842122	PI 28 mm IS2062 E350 Gr BR TDC 301 Rev 12; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	100
RS-095	AA1011845687	PI 28 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	110
RS-095	AA1011845687	PI 28 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-095	AA1011845687	PI 28 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-096	AA1011846136	PI 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	EPC PACKAGES FOR 1X800 MW SINGARENI TPP (STAGE II)	Telangana	120
RS-097	AA1048803791	PLT BQ 28 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 28 x 2500 x 13000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 28 X 2500 X 13000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-098	AA1041804482	PLATE 30 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 30 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-099	AA1047801019	PL 30 mm IS 2002 GRADE-2; TDC: AA10401; W = 2500 ; L= 8000; [Thickness, Length (L) & Width (W) are in mm]; 30 X 2500 X 8000 [T X W X L] [mm] AA10401 (LATEST REVISION)	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-100	AA1011837315	PI 32 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 32 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	100
RS-101	AA1011838850	PI 32 mm IS2062 E250 Gr BR/K TDC 301 Rev 12 + UST as per ASTM A435,width 2500 mm, length 12500 mm; 32 X W = 2500 X L = 12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	200
RS-102	AA1011842149	PI 32 mm IS2062 E350 Gr BR TDC 301 Rev 12; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	46
RS-102	AA1011842149	PI 32 mm IS2062 E350 Gr BR TDC 301 Rev 12; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	120
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	140
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	400
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	85
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	50
RS-103	AA1011845695	PI 32 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-104	AA1011846160	PI 32 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 32 X W= 2500 X L= 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	80
RS-105	AA1017838305	PI 32 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 32 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 32 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	58
RS-106	AA1017845336	PL32 E250GR-BR/K TDC:6:386; 32X3200X6500 ; T (mm) x W (mm) x L (mm); 32 X 3200 X 6500 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	125
RS-107	AA1017845344	PL32 E250GR-BR/K TDC:6:386; 32X2650X11100 ; T (mm) x W (mm) x L (mm); 32 X 2650 X 11100 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	177
RS-108	AA1017845352	PL32 E250GR-BR/K TDC:6:386; 32X2550X10000; T (mm) x W (mm) x L (mm); 32 X 2550 X 10000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	51
RS-109	AA1048803449	PL 32 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 32 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	51

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-110	AA1048803805	PLT BQ 32MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 32 X 2500 X (10000≤ L ≤ 12000); [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 32 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	176
RS-111	AA1041804474	PLATE 35 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 35 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HERP, Varanasi	Varanasi	Uttar Pradesh	40
RS-112	AA1011837340	PI 36 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 36 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	200
RS-113	AA1011842181	PI 36 mm IS2062 E350 Gr BR/K TDC 301 Rev 12; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-113	AA1011842181	PI 36 mm IS2062 E350 Gr BR/K TDC 301 Rev 12; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	120
RS-114	AA1011845237	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03 + ULTRASONIC TESTING AS PER ASTM A435; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-115	AA1011845709	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	47
RS-115	AA1011845709	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-115	AA1011845709	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-116	AA1017845360	PL36 E250GR-BR/K TDC:6:386; 36X3200X11000 ; T (mm) x W (mm) x L (mm); 36 X 3200 X 11000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	50
RS-117	AA1048803538	PL 36 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 36 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	46
RS-118	AA1011837757	PI 40 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	250
RS-119	AA1011838370	PI 40 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12000mm; 40 X W=2500 X L =12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	200
RS-120	AA1011842203	PI 40 mm IS2062 E350 Gr BR TDC 301 Rev 12; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	55
RS-121	AA1011845253	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X W= 3800 X L= 5700 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	55
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	230
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	50
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	65
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	35
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	35
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	46
RS-122	AA1011845717	PI 40 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	125
RS-123	AA1011845750	PI 40 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 40 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	150
RS-124	AA1011846209	PI 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-125	AA1017845379	PL40 E250GR-BR/K TDC:6:386; 40X3200X11000 ; T (mm) x W (mm) x L (mm); 40 X 3200 X 11000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	180
RS-125	AA1017845379	PL40 E250GR-BR/K TDC:6:386; 40X3200X11000 ; T (mm) x W (mm) x L (mm); 40 X 3200 X 11000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	90
RS-126	AA1041804563	PLATE 40 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 40 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HERP, Varanasi	Varanasi	Uttar Pradesh	35

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-127	AA1048803430	PL 40 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 40 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	80
RS-128	AA1048803813	PLT BQ 40 MM (SA516 GR70) TDC: AA10403 + IBR (sl.no. 3.6.1 of AA10403) + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + Bend Test(Sl. No. 5 of Annexure-1 of AA10403)+ SIMULATION HEAT TREATMENT (S5 + sl.no.8 of Annexure 1 of AA10403); 40 x 2500 x 9000 [T X W X L] [mm]; No. of cycles required in SHT: 01 no.; 40 X 2500 X 9000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	40
RS-129	AA1011838982	PI 45 mm IS2062 E250 Gr Br.K TDC 301 Rev 12;45 x 2500 x 6300-12000; (T x W x L) mm; 45 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-130	AA1011845261	PI 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	35
RS-131	AA1011845270	PI 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	75
RS-131	AA1011845270	PI 45 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 45 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	Yamunanagar	Haryana	35
RS-132	AA1011846349	PI 45 mm IS 2062 E350B0 TDC:6:386, width 2000 - 2500 mm, length 8000- 12000 mm; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	90
RS-133	AA1011845288	PI 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-133	AA1011845288	PI 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	67
RS-133	AA1011845288	PI 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-133	AA1011845288	PI 50 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-134	AA1011845776	PI 50 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 50 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-135	AA1011846225	PI 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	85
RS-136	AA1011846233	PI 50 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 50 X W= 2500 X L= 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	900
RS-137	AA1048803414	PL 50 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 50 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	151
RS-138	AA1041804598	PLATE 55 MM A515 Gr.70 ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 55 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm] AA10404 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-139	AA1011837439	PI 56 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 56 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	100
RS-140	AA1041803222	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 56 X 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	44
RS-141	AA1048803406	PL 56 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 56 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	56
RS-142	AA1011845334	PI 60 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 60 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	50
RS-143	AA1011837455	PI 63 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-144	AA1011845369	PI 63 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 63 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:6:386 Rev 03	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-145	AA1017838330	PL 63 IS 2062 E250GR-BR/K TDC:301, 63 X 2150 X 12000 [T X W X L] [mm]; 63 X 2150 X 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	204
RS-146	AA1017838348	PL 63 IS 2062 E250GR-BR/K, TDC:301, 63 X 1875 X 9000 [T X W X L] [mm]; 63 X 1875 X 9000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	90

ANNEXURE C-Tentative Delivery Locations

Q4-Plates, Sheets, Coils

SL./RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-147	AA1017845433	PLATE 63.0 MM; IS2062E250 GR Br.; TDC:6:386:REV:03: 63 x 2500 x (10000-12000) [T X W X L] mm; 63 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-148	AA1041801068	PL 63 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 3600 ; L= 7800;[Thickness, Length (L) & Width (W) are in mm]; 63 X 3600 X 7800 [T X W X L] [mm] AA10401 (LATEST REVISION)	HEEP, Haridwar	Haridwar	Uttarakhand	150
RS-149	AA1041803230	PL 63 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 63 X 2500 X 8000 ≤ L ≤ 12500 [T X W X L] [mm] AA10403 (LATEST REVISION)	HPVP, Vizag	Vizag	Andhra Pradesh	37
RS-150	AA1048803392	PL 63 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 63 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-151	AA1011837471	PI 70 mm IS 2062 E 250 Gr A/BR/SK/K; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-152	AA1048803384	PL 70 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 70 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-153	AA1011837501	PI 80 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 80 X W= 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	180
RS-154	AA1011844168	PI 80 mm IS2062 E350 Gr C; TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + Bend Test + UT: ASTM A 578 Level B.;80 mm 2500 mm 7000 mm : T X W X L (mm; 80 X 2500 X 7000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	66
RS-155	AA1017838321	PL 80 IS 2062 E250GR-BR/K; TDC:301, 80 X 2500 X 7650 [T X W X L] [mm]; 80 X 2500 X 7650 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	200
RS-156	AA1017845417	PI 80 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 80 x 2850 x 10700 [T X W X L] [mm]; 80 X 2850 X 10700 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-157	AA1048803376	PL 80 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 80 X 2500 X 6300 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	60
RS-158	AA1011845415	PI 90 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 90 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	90
RS-159	AA1048803546	PL 90 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 90 X 2500 X 5000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	45
RS-160	AA1011837544	PI 100 mm IS 2062 E 250 Gr A/BR/SK/K; 100 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	66
RS-160	AA1011837544	PI 100 mm IS 2062 E 250 Gr A/BR/SK/K; 100 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-161	AA1011845423	PI 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 X W= 4400 X L= 4600 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	65
RS-162	AA1017845409	PI 100 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 100 x 2500 x 6000 [T X W X L] [mm]; 100 X 2500 X 6000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-163	AA1041801084	PL 100 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2200 ; L= 4800;[Thickness, Length (L) & Width (W) are in mm]; 100 X 2200 X 4800 [T X W X L] [mm] AA10401 (LATEST REVISION)	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-164	AA1048803562	PL 100 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1); 100 X 2200 X 10000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	50
RS-165	AA1011837552	PI 110 mm IS 2062 E 250 Gr A/BR/SK/K; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	100
RS-166	AA1048803627	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 110 X 2500 X 6000 [T X W X L] [mm] AA10403 (LATEST REVISION)	HEP, Bhopal	Bhopal	Madhya Pradesh	55
RS-167	AA1011837560	PI 115 mm IS 2062 E 250 Gr A/BR/SK/K; 115 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm] TDC:301 Rev 12	HEP, Bhopal	Bhopal	Madhya Pradesh	110
RS-168	AA1041801548	PL 140 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2000 ; L= 10500;[Thickness, Length (L) & Width (W) are in mm; 140 X 2000 X 10500 [T X W X L] [mm] AA10401 (LATEST REVISION)	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-169	AA1011844303	PI 190 mm IS2062 E350 Gr C TDC:301 Rev 12 + Charpy V-Notch Impact Test in both Longitudinal & Transverse Specimen + UT: ASTM A435, 190 mm 2250 mm 6300 mm T X W X L (mm); 190 X 2250 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	232
					Grand Total	41141