NIT # 2026Q1STEELPLTSHT for Procurement of Steel – Plates & Sheets

Tender for Steel requirements across BHEL (Steel - Plates & Sheets) in Q1 – 2026-27

Unified Procurement Cell, Corporate Office, New Delhi

For any clarifications, kindly contact:

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NIT # 2026Q1STEELPLTSHT 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 #2026_BHEL_59248_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	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**. Hence, **only those suppliers** who 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, and 2. **are approved by the respective end customers** for the tendered items, shall be considered for evaluation. **Document required against Part – I bid:**

			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	Bidders shall **download the Price Bid format (BOQ Excel sheet)** from the **NIC e-Procurement Portal (EPS)** and follow the steps below: 1. **Enter Vendor Code & Name** in the designated space. 2. **Fill in the Rate (Rs. per UoM) (separately for Basic Cost & Freight Charges) (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. Note: 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.
Loading criteria for respective Steel suppliers shall be as per the agreed Amendment 01 Rev 01 to TC-MoU.

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 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 (as specified in BOQ) are tentative. However, quantities may be redistributed among various Units/Regions/Divisions of BHEL, to a limited extent**, 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, same is to be agreed by the bidders, failing which their offer would be rejected.

    New/Additional Consignee Locations (Outside FA Scope): Wherever, owing to exigencies & unforeseen requirements, BHEL informs the L1 vendor in specific schedule for requirement of the material to a new consignee location (not covered in FA), BHEL will factor the additional cost towards freight incurred (if any) & issue a fresh Purchase Order, which includes the cost differential, wherein the rate would be Rs 3.88 per MT per KM. Such ordering for over & above the FA quantity, will be done based on mutual agreement with respective L1 bidders in the tender.

12. **Ordering Quantity Tolerance : +30 %** each item wise tendered quantity for this tender. Amendment to TC-MoU in this regard will be issued separately.
    Supply Quantity Tolerance: The supply tolerance shall be +/- 10% for each item in PO. Same is as per TC-MoU.

13. **Offer validity: Offer shall be valid up to 30.06.2026**. i.e., Quotations are being invited against tender for finalization of Framework Agreement against which ordering will be done up to 30.06.2026.

14. **Reverse Auction**: Reverse Auction **will not be conducted** against this tender.

15. 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.

16. **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.

17. 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.
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

UNIFIED MATERIAL CD	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	200
AA1011766035	RS-002	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	100
AA1011721031	RS-003	CR COIL 0.80X850 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 850 X Coil form [T X W X L] [mm]	TDC:RTA:410:R00	0.8	850	Coil form	900
AA1011721040	RS-004	CR COIL 0.80X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 850 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.8	850	Coil form	50
AA1011721066	RS-005	CR COIL 0.80X750 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 750 X Coil form [T X W X L] [mm]	TDC:RTA:410:R00	0.8	750	Coil form	388
AA1011721104	RS-006	CR COIL 0.80X650 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 650 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.8	650	Coil form	50
AA1011721171	RS-007	CR COIL 0.80X300 IS 513CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 300 X Coil form [T X W X L] [mm]	TDC:RTA:410:R00	0.8	300	Coil form	50
AA1011721180	RS-008	CR COIL 0.80X300 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 300 X Coil form [T X W X L] [mm]	TDC:RTA:408:R04	0.8	300	Coil form	120
AA1011715074	RS-009	1.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 1 X W=1250 X L=2500 [T X W X L] [mm]	IS 513	1	W=1250	L=2500	35
AA1011721120	RS-010	COLD ROLLED COIL 1.25 X 903 IS 513 GR.CR3; 1.25 X 903 X Coil form [T X W X L] [mm]	IS 513	1.25	903	Coil form	7300
AA1011715090	RS-011	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 Gr CR2- KLD	1.6	900 ≤ W ≤ 1250	L = 2500	235
AA1011717018	RS-012	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	150
AA1011713110	RS-013	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	600
AA1011715155	RS-014	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 513 Gr CR2- KLD	2	900 ≤ W ≤ 1250	L = 2500	35
AA1011715970	RS-015	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-016	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	200
AA1011717034	RS-017	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	150
AA1011715180	RS-018	3.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 3 X W=1250 X L=2500 [T X W X L] [mm]	IS 513	3	W=1250	L=2500	35
AA1011713136	RS-019	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	100

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011716046	RS-020	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	275
AA1011717042	RS-021	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-022	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	100
AA1011716054	RS-023	HR Sheets 4 mm IS 1079 Gr.HR1 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	IS 1079 Gr. HR1 SK/K	4	900 ≤ W ≤ 1250	L = 2500	35
AA1011717050	RS-024	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	200
AA1011837013	RS-025	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	135
AA1011845016	RS-026	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	250
AA1014883016	RS-027	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	1220
AA1017838038	RS-028	Pl 5 mm IS2062 E250 Gr BR/K; TDC:301 ; 5 (T) x 2000 (W) x (6300-12000) (L) [mm]; 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	5	2000	6300 ≤ L ≤ 12000	35
AA1017845123	RS-029	Pl 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 (T) x 2000 (W) x (6300-12000) (L); 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	5	2000	6300 ≤ L ≤ 12000	150
AA1017845301	RS-030	Pl 5 mm IS2062 E250 Gr BR/K TDC:386; 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 6 386 Rev. no.3	5	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	1000
AA1011837030	RS-031	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	100
AA1011843064	RS-032	Pl 6 mm IS2062 E350 Gr B0/K TDC:301; 6 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 6 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	6	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	50
AA1011845024	RS-033	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	890
AA1014883024	RS-034	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	1999
AA1017845131	RS-035	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	185
AA1011845040	RS-036	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	150
AA1011837676	RS-037	Pl 8 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 8 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev 12	8	2500	L= 6300	135
AA1011845059	RS-038	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	1100

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011845830	RS-039	Pl 8 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 8 X 2000 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	8	2000	12000	381
AA1011846772	RS-040	Pl 8 mm IS2062 E350 Gr B0/K TDC:386; 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	150
AA1014883040	RS-041	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	50
AA1017838453	RS-042	Pl 8 mm IS2062 E250 Gr BR/K TDC:301; 8 (T) x 3350 (W) x 6500 (L) [mm]; 8 X 3350 X 6500 [T X W X L] [mm]	TDC:301 Rev 12	8	3350	6500	80
AA1017845158	RS-043	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	325
AA1017845310	RS-044	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	145
AA1018845046	RS-045	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	270
AA1011837129	RS-046	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	100
AA1011838141	RS-047	Pl 10 mm IS2062 E250 Gr BR/SK/K TDC 301 + UST as per ASTM A578 Level B, width 2500 mm, length 10000 mm; 10 X W = 2500 X L = 10000 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A578 Level B	10	W = 2500	L = 10000	100
AA1011838532	RS-048	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	50
AA1011842033	RS-049	Pl 10 mm IS2062 E350 Gr BR TDC 301 Rev 12; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	10	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	35
AA1011843226	RS-050	Pl 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2500 (W) x (6300-12000) (L); 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	10	2500	6300 ≤ L ≤ 12000	50
AA1011843234	RS-051	Pl 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2000 (W) x (6300-12000) (L); 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	10	2000	6300 ≤ L ≤ 12000	50
AA1011845067	RS-052	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	450
AA1011845857	RS-053	Pl 10 mm IS 2062 E250Br/K TDC:6:386, width 1500mm, length 6300mm; 10 X 1500 X 6300 [T X W X L] [mm]	TDC:6:386 Rev 03	10	1500	6300	35
AA1011845873	RS-054	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	706
AA1011845881	RS-055	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	740
AA1017845166	RS-056	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	168
AA1017845492	RS-057	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	100

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1017845522	RS-058	Pl 10 mm IS2062 E250 Gr BR/K TDC:386; 10 (T) x 2500 (W) x (6300-12000) (L) [mm]; 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	10	2500	6300 ≤ L ≤ 12000	35
AA1011823152	RS-059	Pl 12 mm IS2062 E350 Gr BR/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	12	2500	6300 ≤ L ≤ 12000	35
AA1011837161	RS-060	Pl 12 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 12 X W= 2500 X 1000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	12	W= 2500	1000 ≤ L ≤ 12500	108
AA1011837692	RS-061	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
AA1011845083	RS-062	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	430
AA1011845890	RS-063	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	2448
AA1014883067	RS-064	CQ Pl 12 mm IS 3502; 12 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	IS 3502	12	900 ≤ W ≤ 1250	L ≤ 6300	35
AA1017842019	RS-065	Pl 12 mm IS2062 E350 Gr BR/K TDC:301; 12 (T) x 2000 (W) x (6300-12000) (L) [mm]; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	12	2000	6300 ≤ L ≤ 12000	185
AA1017846022	RS-066	Pl 12 mm IS2062 E350 Gr B0/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm]; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	12	2500	6300 ≤ L ≤ 12000	35
AA1041803931	RS-067	PLT BQ 12 MM (SA516 GR 70) 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); 12 mm x 2500 mm x 7500 mm: T X W X L (mm); 12 X 2500 X 7500 [T X W X L] [mm]	AA10403 (Latest Revision)	12	2500	7500	35
AA1011845962	RS-068	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	800
AA1011838028	RS-069	Pl 16 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 16 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	16	W= 2500	10000 ≤ L ≤ 12500	200
AA1011842963	RS-070	Pl 16 mm IS2062 E350 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	75
AA1011845113	RS-071	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	250
AA1011845903	RS-072	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	1671
AA1017838267	RS-073	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	150
AA1017845220	RS-074	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	285
AA1017846073	RS-075	Pl 16 mm IS2062 E350 Gr B0/K TDC:386; 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	300
AA1041803320	RS-076	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)	16	2500	5700	100

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1041803451	RS-077	PL 16 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 16 mm x 2500 mm x 6500 mm : T X W X L (mm); 16 X 2500 X 6500 [T X W X L] [mm]	AA10403 (Latest Revision)	16	2500	6500	350
AA1041803907	RS-078	PLT BQ 16 MM (SA516 GR 70) 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); 16 mm x 2500 mm x 13000 mm: T X W X L (mm); 16 X 2500 X 13000 [T X W X L] [mm]	AA10403 (Latest Revision)	16	2500	13000	125
AA1041804750	RS-079	PLATE 16.0 MM - SA515GR70; 16 X 2000 X 6375 [T X W X L] [mm]	AA10404 (Latest Revision)	16	2000	6375	56
AA1011837226	RS-080	Pl 20 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 20 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	20	W= 2500	10000 ≤ L ≤ 12500	291
AA1011843145	RS-081	Pl 20 mm IS2062 E350 Gr B0/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L); 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	20	2000	6300 ≤ L ≤ 12000	35
AA1011846870	RS-082	PLATE 20.0 MM; IS2062E350 GR B0; TDC:6:386:REV:03: 20 x 2500 x (10000-12000) (T x W x L) mm; 20 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	20	2500	10000 ≤ L ≤ 12000	50
AA1017842035	RS-083	Pl 20 mm IS2062 E350 Gr BR/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L) [mm]; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	20	2000	6300 ≤ L ≤ 12000	200
AA1017845247	RS-084	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]	TDC 6 386 Rev. no.3	20	2500	6300 ≤ L ≤ 12000	3261
AA1017845387	RS-085	Pl 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	350
AA1017846111	RS-086	Pl 20 mm IS2062 E350 Gr B0/K TDC:386; 20 (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	250
AA1041803788	RS-087	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 mm x 3200 mm x 8000 mm: T X W X L (mm); 20 X 3200 X 8000 [T X W X L] [mm]	AA10403 (Latest Revision)	20	3200	8000	109
AA1041803915	RS-088	PLT BQ 20 MM (SA516 GR 70) 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); 20 mm x 2500 mm x 12500 mm: T X W X L (mm); 20 X 2500 X 12500 [T X W X L] [mm]	AA10403 (Latest Revision)	20	2500	12500	40
AA1041804539	RS-089	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)	20	2500	8000 ≤ L ≤ 10000	50
AA1041804547	RS-090	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)	22	2500	8000 ≤ L ≤ 10000	50
AA1011823047	RS-091	Pl 25 mm IS2062 E350 Gr BR/K TDC:386; 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	35
AA1011838036	RS-092	Pl 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	100
AA1011838893	RS-093	Pl 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	1000
AA1011842912	RS-094	Pl 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	35
AA1011842920	RS-095	Pl 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2000 (W) x (6300-12000) (L) [mm]; 25 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	25	2000	6300 ≤ L ≤ 12000	105

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011845741	RS-096	Pl 25 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 6300mm; 25 X 2500 X 6300 [T X W X L] [mm]	TDC:6:386 Rev 03	25	2500	6300	35
AA1011846128	RS-097	Pl 25 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 25 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	25	W= 2500	L= 12000	60
AA1017838283	RS-098	Pl 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	48
AA1017845085	RS-099	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	35
AA1017845263	RS-100	Pl 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	1347
AA1017845328	RS-101	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]	AA10145	25	3100	12000	59
AA1017845395	RS-102	Pl 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 x 3200 x 12800 [T X W X L] [mm]; 25 X 3200 X 12800 [T X W X L] [mm]	TDC 6 386 Rev. no.3	25	3200	12800	96
AA1017846057	RS-103	Pl 25 mm IS2062 E350 Gr B0/K TDC:386; 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	230
AA1041803150	RS-104	PL 25 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 25 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA10403 (Latest Revision)	25	2000≤ W ≤2500	8000 ≤ L ≤12500	40
AA1041804156	RS-105	PLATE 25.0 MM - SA515GR70; 25 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	25	2000-2500	6300 ≤ L ≤ 10000	250
AA1041804555	RS-106	PLATE 25 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 25 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	25	2500	8000 ≤ L ≤ 10000	40
AA1048803783	RS-107	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)	25	2500	13000	355
AA1011842122	RS-108	Pl 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-109	Pl 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	100
AA1011846144	RS-110	Pl 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	28	W= 2500	L= 12000	40
AA1017838291	RS-111	Pl 28 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 28 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 28 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev.12	28	2500	L= 6300	35
AA1048803791	RS-112	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)	28	2500	13000	250
AA1011845199	RS-113	Pl 30 mm IS2062 E250 GR BR TDC:6:386 Rev 03; 30 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	30	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	130

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1017838470	RS-114	Pl 30 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 30 (T) x 2500 (W) x 10000 (L) [mm]; 30 X 2500 X 10000 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	30	2500	10000	100
AA1041801041	RS-115	PL 30 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 4000 ; L= 6750;[Thickness, Length (L) & Width (W) are in mm]; 30 X 4000 X 6750 [T X W X L] [mm]	AA10401 (Latest Revision)	30	4000	6750	80
AA1041804334	RS-116	PLATE 30.0 MM - SA515GR70; 30 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	30	2000-2500	6300 ≤ L ≤ 10000	70
AA1041804482	RS-117	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)	30	2500	8000 ≤ L ≤ 10000	35
AA1047801019	RS-118	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)	30	2500	8000	100
AA1011835037	RS-119	Pl 32 mm IS2062 E250 Gr A/BR/SK/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	TDC:6:386 Rev 03	32	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 10000	85
AA1011837315	RS-120	Pl 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	400
AA1011837658	RS-121	Pl 32 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 32 X 2500 X L= 6300 [T X W X L] [mm]	TDC:301 Rev 12	32	2500	L= 6300	35
AA1011838230	RS-122	Pl 32 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 3000 mm, length 7000 mm; 32 X W = 3000 X L = 7000 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	32	W = 3000	L = 7000	100
AA1011838788	RS-123	PLATE-32 IS2062 E250BR TDC:301 Rev 12; 32 X 2500 X 12000 [T X W X L] [mm]	TDC:301 Rev 12	32	2500	12000	200
AA1011838850	RS-124	Pl 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	500
AA1011842149	RS-125	Pl 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	200
AA1011845695	RS-126	Pl 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	635
AA1011846160	RS-127	Pl 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	500
AA1017838305	RS-128	Pl 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	200
AA1017845344	RS-129	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]	AA10145	32	2650	11100	118
AA1041803176	RS-130	PL 32 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 32 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA10403 (Latest Revision)	32	2000≤ W ≤2500	8000 ≤ L ≤12500	40
AA1041803680	RS-131	PL 32 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 32 mm x 2500 mm x 6500 mm : T X W X L (mm); 32 X 2500 X 6500 [T X W X L] [mm]	AA10403 (Latest Revision)	32	2500	6500	135
AA1041803800	RS-132	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 mm x 3200 mm x 12500 mm: T X W X L (mm); 32 X 3200 X 12500 [T X W X L] [mm]	AA10403 (Latest Revision)	32	3200	12500	111

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1048803805	RS-133	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 [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)	32	2500	10000 ≤ L ≤ 12000	50
AA1041804350	RS-134	PLATE 35.0 MM - SA515GR70; 35 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	35	2000-2500	6300 ≤ L ≤ 10000	160
AA1041804474	RS-135	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)	35	2500	8000 ≤ L ≤ 10000	70
AA1011838362	RS-136	Pl 36 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12500mm; 36 X W=2500 X L =12500 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	36	W=2500	L =12500	150
AA1011842181	RS-137	Pl 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	115
AA1011845709	RS-138	Pl 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	240
AA1011845970	RS-139	Pl 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 4500 X 8500 [T X W X L] [mm]	TDC:6:386 Rev 03	36	4500	8500	85
AA1011846195	RS-140	Pl 36 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 36 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	36	W= 2500	L= 12000	200
AA1041803818	RS-141	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 mm x 3200 mm x 12500 mm: T X W X L (mm); 36 X 3200 X 12500 [T X W X L] [mm]	AA10403 (Latest Revision)	36	3200	12500	35
AA1011837757	RS-142	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	300
AA1011838370	RS-143	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	600
AA1011842203	RS-144	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	35
AA1011845253	RS-145	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	220
AA1011845717	RS-146	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	554
AA1011845750	RS-147	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	1070
AA1011846217	RS-148	Pl 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X W= 2500 X L= 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	40	W= 2500	L= 12000	135
AA1017845476	RS-149	PLATE 40 MM; IS2062 E250GRBr; TDC:6:386:REV:03: 40 x 2500 x (10000-12000) (T x W x L) mm; 40 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	40	2500	10000 ≤ L ≤ 12000	120
AA1017845573	RS-150	HR PLATE 40 mm, IS2062 E250 Gr BR/K TDC:386; 40 (T) x 2750 (W) x 12000 (L) [mm]; 40 X 2750 X 12000 [T X W X L] [mm]	TDC 6 386 Rev. no.3	40	2750	12000	120

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1018842012	RS-151	Pl 40 mm IS2062 E350 Gr BR/K TDC 301 + UST as per ASTM A435; 40 (T) x 2500 (W) x 12000 (L) [mm]; 40 X 2500 X 12000 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	40	2500	12000	60
AA1041803893	RS-152	PL 40 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 40 mm x 2850 mm x 8500 mm: T X W X L (mm); 40 X 2850 X 8500 [T X W X L] [mm]	AA10403 (Latest Revision)	40	2850	8500	40
AA1041804563	RS-153	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)	40	2500	8000 ≤ L ≤ 10000	35
AA1048803430	RS-154	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)	40	2500	6300	80
AA1048803643	RS-155	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 8400 [T X W X L] [mm]	AA10403 (Latest Revision)	40	2500	8400	35
AA1011837382	RS-156	Pl 45 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev 12	45	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	320
AA1011838982	RS-157	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	200
AA1011845270	RS-158	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	35
AA1011846349	RS-159	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	35
AA1011846373	RS-160	Pl 45 mm IS 2062 E350B0 TDC:6:386, width 2500mm, length 12000mm; 45 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	45	2500	12000	250
AA1041803710	RS-161	PL 45 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 45 mm x 2500 mm x 6500 mm : T X W X L (mm); 45 X 2500 X 6500 [T X W X L] [mm]	AA10403 (Latest Revision)	45	2500	6500	60
AA1041803974	RS-162	PL 45 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) + bend test as per ASTM A 20); 45 mm x 2500 mm x (8000-12000) mm: T X W X L (mm); 45 X 2500 X 8000-12000 [T X W X L] [mm]	AA10403 (Latest Revision)	45	2500	8000-12000	53
AA1011837412	RS-163	Pl 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	TDC:301 Rev 12	50	W= 2500	10000 ≤ L ≤ 12500	835
AA1011845288	RS-164	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	150
AA1011845776	RS-165	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	140
AA1011846225	RS-166	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	270
AA1011846233	RS-167	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	1500
AA1041803648	RS-168	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 6000< L < 12000 [T X W X L] [mm]	AA10403 (Latest Revision)	50	2500	6000< L < 12000	35
AA1041803826	RS-169	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 50 X 3200 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	50	3200	6300	198

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1041804580	RS-170	PLATE 50 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 50 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	50	2500	8000 ≤ L ≤ 10000	35
AA1011837439	RS-171	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
AA1011838281	RS-172	Pl 56 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 56 X W=2500 X L =8000 [T X W X L] [mm]	TDC 301 Rev 12	56	W=2500	L =8000	500
AA1011845989	RS-173	Pl 56 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 56 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	56	2500	12000	100
AA1017838356	RS-174	PLATE 56 MM; IS2062 E250GR Br; TDC::301:REV:12: 56 x 2500 x (10000-12000) (T x W x L) mm; 56 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	56	2500	10000 ≤ L ≤ 12000	50
AA1041803222	RS-175	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)	56	2500	8000 ≤ L ≤12500	62
AA1048803406	RS-176	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)	56	2500	6300	90
AA1011845334	RS-177	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	100
AA1011837455	RS-178	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	330
AA1011838290	RS-179	Pl 63 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 63 X W=2500 X L =8000 [T X W X L] [mm]	TDC 301 Rev 12	63	W=2500	L =8000	200
AA1011845369	RS-180	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	63	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	180
AA1011845784	RS-181	Pl 63 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 63 X 2500 X 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	63	2500	12000	105
AA1017838348	RS-182	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	150
AA1017842051	RS-183	PLATE 63 MM; IS2062 E350GR Br; TDC::301:REV:12: 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:301 Rev.12	63	2500	10000 ≤ L ≤ 12000	100
AA1017845433	RS-184	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-185	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)	63	3600	7800	150
AA1041803230	RS-186	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)	63	2500	8000 ≤ L ≤12500	40
AA1041803737	RS-187	PL 63 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 63 mm x 2500 mm x 6500 mm : T X W X L (mm); 63 X 2500 X 6500 [T X W X L] [mm]	AA10403 (Latest Revision)	63	2500	6500	300
AA1041803834	RS-188	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 63 X 3200 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	63	3200	6300	100

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011837471	RS-189	Pl 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	170
AA1011845385	RS-190	Pl 70 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	70	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	80
AA1041803249	RS-191	PL 70 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 70 X 2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA10403 (Latest Revision)	70	2500	8000 ≤ L ≤12500	44
AA1041803842	RS-192	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 70 X 3200 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	70	3200	6300	111
AA1041804610	RS-193	PLATE 70 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 70 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA10404 (Latest Revision)	70	2500	8000 ≤ L ≤ 10000	35
AA1011845393	RS-194	Pl 75 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 75 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	75	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	50
AA1011837501	RS-195	Pl 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	250
AA1017838321	RS-196	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	450
AA1017838461	RS-197	Pl 80 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 80 (T) x 2800 (W) x 11200 (L) [mm]; 80 X 2800 X 11200 [T X W X L] [mm]	TDC:301 Rev 12 + UST as per ASTM A435	80	2800	11200	240
AA1017845417	RS-198	Pl 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
AA1041801670	RS-199	PL 80 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2500 ; L= 8000-10000 ;[Thickness, Length (L) & Width (W) are in mm]; 80 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA10401 (Latest Revision)	80	2500	8000 ≤ L ≤ 10000	75
AA1041803885	RS-200	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 80 X 3200 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	80	3200	6300	114
AA1011845415	RS-201	Pl 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	150
AA1041803850	RS-202	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 mm x 2500 mm x 6300 mm: T X W X L (mm); 90 X 2500 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	90	2500	6300	45
AA1011838656	RS-203	Pl 100 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 100 X 2500 X 6000-12000 [T X W X L] [mm]	TDC 301 Rev 12 + UT: ASTM A578 Level A/SA435	100	2500	6000-12000	40
AA1011838885	RS-204	Pl 100 mm IS 2062 E250 Gr BR; 100 X 2500 X 6000< L < 12000 [T X W X L] [mm]	TDC:301 Rev 12	100	2500	6000< L < 12000	200
AA1017845409	RS-205	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	95
AA1041801084	RS-206	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)	100	2200	4800	100
AA1041803869	RS-207	PL 100 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); 100 mm x 2500 mm x 6300 mm: T X W X L (mm); 100 X 2500 X 6300 [T X W X L] [mm]	AA10403 (Latest Revision)	100	2500	6300	37

UNIFIED MATERIAL CD	RS No.	Rate Schedule	TDC/Standard applicable	Thk. (mm)	Width (mm)	Length (mm)	Qty. (MT)
AA1011837552	RS-208	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	110
AA1011838990	RS-209	Pl 110 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12;110 x 2500 x 6300-12000; (T x W x L) mm; 110 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:301 Rev.12	110	2500	6300 ≤ L ≤ 12000	50
AA1011845431	RS-210	Pl 110 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	TDC:6:386 Rev 03	110	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	100
AA1017842124	RS-211	Pl 110 mm IS2062 E350 Gr BR/K TDC:301; 110 (T) x 2850 (W) x (6300-12000) (L) [mm]; 110 X 2850 X 6300 ≤ L ≤ 12600 [T X W X L] [mm]	AA10142	110	2850	6300 ≤ L ≤ 12600	50
AA1041801505	RS-212	PL 110 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 1650 ; L= 8000;[Thickness, Length (L) & Width (W) are in mm]; 110 X 1650 X 8000 [T X W X L] [mm]	AA10401 (Latest Revision)	110	1650	8000	55
AA1041803575	RS-213	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 110 X 2000≤ W ≤2500 X 6000 ≤ L ≤ 8000 [T X W X L] [mm]	AA10403 (Latest Revision)	110	2000≤ W ≤2500	6000 ≤ L ≤ 8000	80
AA1011838664	RS-214	Pl 125 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 125 X 2500 X 6000-12000 [T X W X L] [mm]	TDC 301 Rev 12 + UT: ASTM A578 Level A/SA435	125	2500	6000-12000	40
AA1011845598	RS-215	Pl 130 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 130 X 1800 X 5600 [T X W X L] [mm]	TDC:6:386 Rev 03	130	1800	5600	90
AA1011838680	RS-216	Pl 140 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 140 X 2500 X 6000-12000 [T X W X L] [mm]	TDC 301 Rev 12 + ASTM A435	140	2500	6000-12000	40
AA1041801548	RS-217	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)	140	2000	10500	100
AA1011845601	RS-218	Pl 155 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 155 X 1800 X 5600 [T X W X L] [mm]	TDC:6:386 Rev 03	155	1800	5600	200
AA1011838699	RS-219	Pl 160 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 160 X 2500 X 6000-12000 [T X W X L] [mm]	TDC 301 Rev 12 + ASTM A435	160	2500	6000-12000	40
						Grand Total	**58153**

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	200
RS-002	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	100
RS-003	AA1011721031	CR COIL 0.80X850 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 850 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	900
RS-004	AA1011721040	CR COIL 0.80X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 850 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-005	AA1011721066	CR COIL 0.80X750 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 750 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	388
RS-006	AA1011721104	CR COIL 0.80X650 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 650 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-007	AA1011721171	CR COIL 0.80X300 IS 513CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 300 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-008	AA1011721180	CR COIL 0.80X300 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 300 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	120
RS-009	AA1011715074	1.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 1 X W=1250 X L=2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-010	AA1011721120	COLD ROLLED COIL 1.25 X 903 IS 513 GR.CR3; 1.25 X 903 X Coil form [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	7300
RS-011	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-011	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]	HPEP, Hyderabad	Hyderabad	Telangana	35
RS-012	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	150
RS-013	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	600
RS-014	AA1011715155	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-015	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-016	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	200

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-017	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	150
RS-018	AA1011715180	3.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 3 X W=1250 X L=2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-019	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	100
RS-020	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]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-020	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]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	100
RS-020	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	105
RS-020	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	PATRATU SUPER THERMAL POWER STATION	Jharkhand	35
RS-021	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-022	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	100
RS-023	AA1011716054	HR Sheets 4 mm IS 1079 Gr.HR1 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-024	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	200
RS-025	AA1011837013	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-025	AA1011837013	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]	HPEP, Hyderabad	Hyderabad	Telangana	35
RS-026	AA1011845016	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	250
RS-027	AA1014883016	CQ Pl 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	720
RS-027	AA1014883016	CQ Pl 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	500
RS-028	AA1017838038	Pl 5 mm IS2062 E250 Gr BR/K; TDC:301 ; 5 (T) x 2000 (W) x (6300-12000) (L) [mm]; 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-029	AA1017845123	Pl 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 (T) x 2000 (W) x (6300-12000) (L); 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	150
RS-030	AA1017845301	Pl 5 mm IS2062 E250 Gr BR/K TDC:386; 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]	BAP, Ranipet	Ranipet	Tamil Nadu	1000
RS-031	AA1011837030	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	50
RS-031	AA1011837030	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]	HPEP, Hyderabad	Hyderabad	Telangana	50
RS-032	AA1011843064	Pl 6 mm IS2062 E350 Gr B0/K TDC:301; 6 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 6 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	50
RS-033	AA1011845024	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]	BAP, Ranipet	Ranipet	Tamil Nadu	500
RS-033	AA1011845024	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	250
RS-033	AA1011845024	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	35
RS-033	AA1011845024	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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	105
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	130
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	1200
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	35
RS-034	AA1014883024	CQ Pl 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	89
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	220
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSSR, Chennai	NALCO DAMANJORI	Odisha	35
RS-034	AA1014883024	CQ Pl 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	35
RS-034	AA1014883024	CQ Pl 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	205

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-034	AA1014883024	CQ Pl 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	50
RS-035	AA1017845131	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]	HPBP, Trichy	Trichy	Tamil Nadu	150
RS-035	AA1017845131	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-036	AA1011845040	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	150
RS-037	AA1011837676	Pl 8 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 8 X 2500 X L= 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-037	AA1011837676	Pl 8 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 8 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-038	AA1011845059	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]	BAP, Ranipet	Ranipet	Tamil Nadu	500
RS-038	AA1011845059	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	600
RS-039	AA1011845830	Pl 8 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 8 X 2000 X 12000 [T X W X L] [mm]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	311
RS-039	AA1011845830	Pl 8 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 8 X 2000 X 12000 [T X W X L] [mm]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	35
RS-039	AA1011845830	Pl 8 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 8 X 2000 X 12000 [T X W X L] [mm]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	35
RS-040	AA1011846772	Pl 8 mm IS2062 E350 Gr B0/K TDC:386; 8 (T) x 2000 (W) x (6300-12000) (L) [mm]; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	150
RS-041	AA1014883040	CQ Pl 8 mm IS 3502; 8 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	50
RS-042	AA1017838453	Pl 8 mm IS2062 E250 Gr BR/K TDC:301; 8 (T) x 3350 (W) x 6500 (L) [mm]; 8 X 3350 X 6500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	80
RS-043	AA1017845158	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]	HPVP, Vizag	Vizag	Andhra Pradesh	325
RS-044	AA1017845310	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	110
RS-044	AA1017845310	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]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	35

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-045	AA1018845046	Pl 8 mm IS 2062 E250Br/K TDC:6:386,; 8 X 2500 X 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	65
RS-045	AA1018845046	Pl 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	205
RS-046	AA1011837129	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]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-047	AA1011838141	Pl 10 mm IS2062 E250 Gr BR/SK/K TDC 301 + UST as per ASTM A578 Level B, width 2500 mm, length 10000 mm; 10 X W = 2500 X L = 10000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-048	AA1011838532	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	50
RS-049	AA1011842033	Pl 10 mm IS2062 E350 Gr BR TDC 301 Rev 12; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-050	AA1011843226	Pl 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2500 (W) x (6300-12000) (L); 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	50
RS-051	AA1011843234	Pl 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2000 (W) x (6300-12000) (L); 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	50
RS-052	AA1011845067	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]	BAP, Ranipet	Ranipet	Tamil Nadu	300
RS-052	AA1011845067	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	150
RS-053	AA1011845857	Pl 10 mm IS 2062 E250Br/K TDC:6:386, width 1500mm, length 6300mm; 10 X 1500 X 6300 [T X W X L] [mm]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	35
RS-054	AA1011845873	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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	323
RS-054	AA1011845873	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]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	150
RS-054	AA1011845873	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]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	35
RS-054	AA1011845873	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]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	198
RS-055	AA1011845881	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]	HPBP, Trichy	Trichy	Tamil Nadu	500
RS-055	AA1011845881	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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	205

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-055	AA1011845881	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]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	35
RS-056	AA1017845166	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chattisgarh	115
RS-056	AA1017845166	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]	PSER, Kolkata	Yamunanagar	Haryana	53
RS-057	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	100
RS-058	AA1017845522	Pl 10 mm IS2062 E250 Gr BR/K TDC:386; 10 (T) x 2500 (W) x (6300-12000) (L) [mm]; 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-059	AA1011823152	Pl 12 mm IS2062 E350 Gr BR/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-060	AA1011837161	Pl 12 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 12 X W= 2500 X 1000 ≤ L ≤ 12500 [T X W X L] [mm]	PSSR, Chennai	TANGEDCO 2 X 660 MW ENNORE SEZ STPP	Tamil Nadu	108
RS-061	AA1011837692	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]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-062	AA1011845083	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]	BAP, Ranipet	Ranipet	Tamil Nadu	370
RS-062	AA1011845083	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	60
RS-063	AA1011845890	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]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-063	AA1011845890	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]	HPBP, Trichy	Trichy	Tamil Nadu	800
RS-063	AA1011845890	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]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	35
RS-063	AA1011845890	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	149
RS-063	AA1011845890	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]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	400
RS-063	AA1011845890	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	350
RS-063	AA1011845890	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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	185

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RS-063	AA1011845890	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]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	75
RS-063	AA1011845890	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]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	394
RS-064	AA1014883067	CQ Pl 12 mm IS 3502; 12 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	CFFP, Haridwar	Haridwar	Uttarakhand	35
RS-065	AA1017842019	Pl 12 mm IS2062 E350 Gr BR/K TDC:301; 12 (T) x 2000 (W) x (6300-12000) (L) [mm]; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-065	AA1017842019	Pl 12 mm IS2062 E350 Gr BR/K TDC:301; 12 (T) x 2000 (W) x (6300-12000) (L) [mm]; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	150
RS-066	AA1017846022	Pl 12 mm IS2062 E350 Gr B0/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm]; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	35
RS-067	AA1041803931	PLT BQ 12 MM (SA516 GR 70) 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); 12 mm x 2500 mm x 7500 mm: T X W X L (mm); 12 X 2500 X 7500 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-068	AA1011845962	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]	HEEP, Haridwar	Haridwar	Uttarakhand	800
RS-069	AA1011838028	Pl 16 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 16 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	200
RS-070	AA1011842963	Pl 16 mm IS2062 E350 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]	HPVP, Vizag	Vizag	Andhra Pradesh	40
RS-070	AA1011842963	Pl 16 mm IS2062 E350 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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	35
RS-071	AA1011845113	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]	BAP, Ranipet	Ranipet	Tamil Nadu	250
RS-072	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]	HPBP, Trichy	Trichy	Tamil Nadu	800
RS-072	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	Chattisgarh	411
RS-072	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	35
RS-072	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	100
RS-072	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	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	35

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-072	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	155
RS-072	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	PATRATU SUPER THERMAL POWER STATION	Jharkhand	100
RS-072	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	UKAI 1X800 MW	Gujarat	35
RS-073	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	150
RS-074	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	100
RS-074	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]	HEEP, Haridwar	Haridwar	Uttarakhand	150
RS-074	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]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	35
RS-075	AA1017846073	Pl 16 mm IS2062 E350 Gr B0/K TDC:386; 16 (T) x 2500 (W) x (6300-12000) (L) [mm]; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	300
RS-076	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-077	AA1041803451	PL 16 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 16 mm x 2500 mm x 6500 mm : T X W X L (mm); 16 X 2500 X 6500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	350
RS-078	AA1041803907	PLT BQ 16 MM (SA516 GR 70) 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); 16 mm x 2500 mm x 13000 mm: T X W X L (mm); 16 X 2500 X 13000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	125
RS-079	AA1041804750	PLATE 16.0 MM - SA515GR70; 16 X 2000 X 6375 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	56
RS-080	AA1011837226	Pl 20 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 20 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	180
RS-080	AA1011837226	Pl 20 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 20 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	111
RS-081	AA1011843145	Pl 20 mm IS2062 E350 Gr B0/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L); 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-082	AA1011846870	PLATE 20.0 MM; IS2062E350 GR B0; TDC:6:386:REV:03: 20 x 2500 x (10000-12000) (T x W x L) mm; 20 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-083	AA1017842035	Pl 20 mm IS2062 E350 Gr BR/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L) [mm]; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	200

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-084	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]	BAP, Ranipet	Ranipet	Tamil Nadu	480
RS-084	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	250
RS-084	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]	HPBP, Trichy	Trichy	Tamil Nadu	1900
RS-084	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chattisgarh	76
RS-084	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]	PSER, Kolkata	Yamunanagar	Haryana	35
RS-084	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]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	100
RS-084	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]	PSWR, Nagpur	2 X 660 MW MSPGCL KORADI U-11&12	Maharashtra	45
RS-084	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	35
RS-084	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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	205
RS-084	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]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	100
RS-084	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]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	35
RS-085	AA1017845387	Pl 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	350
RS-086	AA1017846111	Pl 20 mm IS2062 E350 Gr B0/K TDC:386; 20 (T) x 2500 (W) x (6300-12000) (L) [mm]; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	250
RS-087	AA1041803788	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 mm x 3200 mm x 8000 mm: T X W X L (mm); 20 X 3200 X 8000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	109
RS-088	AA1041803915	PLT BQ 20 MM (SA516 GR 70) 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); 20 mm x 2500 mm x 12500 mm: T X W X L (mm); 20 X 2500 X 12500 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	40
RS-089	AA1041804539	PLATE 20 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 20 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	50
RS-090	AA1041804547	PLATE 22 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 22 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	50

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-091	AA1011823047	Pl 25 mm IS2062 E350 Gr BR/K TDC:386; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-092	AA1011838036	Pl 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]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-093	AA1011838893	Pl 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	1000
RS-094	AA1011842912	Pl 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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	35
RS-095	AA1011842920	Pl 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2000 (W) x (6300-12000) (L) [mm]; 25 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-095	AA1011842920	Pl 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2000 (W) x (6300-12000) (L) [mm]; 25 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	70
RS-096	AA1011845741	Pl 25 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 6300mm; 25 X 2500 X 6300 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-097	AA1011846128	Pl 25 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 25 X W= 2500 X L= 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-098	AA1017838283	Pl 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	48
RS-099	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]	PSER, Kolkata	KODERMA THERMAL POWER STATION PHASE-II (2X800 MW)	Jharkhand	35
RS-100	AA1017845263	Pl 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	250
RS-100	AA1017845263	Pl 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	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	77
RS-100	AA1017845263	Pl 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	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	420
RS-100	AA1017845263	Pl 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	SIPAT SUPER THERMAL POWER PROJECT, STAGE-III (1X800 MW)	Chhattisgarh	35
RS-100	AA1017845263	Pl 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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	125
RS-100	AA1017845263	Pl 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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	155
RS-100	AA1017845263	Pl 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]	PSWR, Nagpur	PATRATU SUPER THERMAL POWER STATION	Jharkhand	50

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-100	AA1017845263	Pl 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]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	235
RS-101	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-102	AA1017845395	Pl 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 x 3200 x 12800 [T X W X L] [mm]; 25 X 3200 X 12800 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	96
RS-103	AA1017846057	Pl 25 mm IS2062 E350 Gr B0/K TDC:386; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	230
RS-104	AA1041803150	PL 25 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 25 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-105	AA1041804156	PLATE 25.0 MM - SA515GR70; 25 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	250
RS-106	AA1041804555	PLATE 25 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 25 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	40
RS-107	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]	HPVP, Vizag	Vizag	Andhra Pradesh	355
RS-108	AA1011842122	Pl 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-109	AA1011845687	Pl 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	100
RS-110	AA1011846144	Pl 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X W= 2500 X L= 12000 [T X W X L] [mm]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	40
RS-111	AA1017838291	Pl 28 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 28 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 28 X 2500 X L= 6300 [T X W X L] [mm]	TP, Jhansi	Jhansi	Uttar Pradesh	35
RS-112	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]	HPVP, Vizag	Vizag	Andhra Pradesh	250
RS-113	AA1011845199	Pl 30 mm IS2062 E250 GR BR TDC:6:386 Rev 03; 30 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	130
RS-114	AA1017838470	Pl 30 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 30 (T) x 2500 (W) x 10000 (L) [mm]; 30 X 2500 X 10000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-115	AA1041801041	PL 30 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 4000 ; L= 6750;[Thickness, Length (L) & Width (W) are in mm]; 30 X 4000 X 6750 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	80

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-116	AA1041804334	PLATE 30.0 MM - SA515GR70; 30 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	70
RS-117	AA1041804482	PLATE 30 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 30 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-118	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-119	AA1011835037	Pl 32 mm IS2062 E250 Gr A/BR/SK/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	50
RS-119	AA1011835037	Pl 32 mm IS2062 E250 Gr A/BR/SK/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HPVP, Vizag	Vizag	Andhra Pradesh	35
RS-120	AA1011837315	Pl 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	300
RS-120	AA1011837315	Pl 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]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-121	AA1011837658	Pl 32 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 32 X 2500 X L= 6300 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-122	AA1011838230	Pl 32 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 3000 mm, length 7000 mm; 32 X W = 3000 X L = 7000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-123	AA1011838788	PLATE-32 IS2062 E250BR TDC:301 Rev 12; 32 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	200
RS-124	AA1011838850	Pl 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	500
RS-125	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	200
RS-126	AA1011845695	Pl 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	100
RS-126	AA1011845695	Pl 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]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-126	AA1011845695	Pl 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	82
RS-126	AA1011845695	Pl 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	48
RS-126	AA1011845695	Pl 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	200

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-126	AA1011845695	Pl 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	105
RS-127	AA1011846160	Pl 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	200
RS-127	AA1011846160	Pl 32 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 32 X W= 2500 X L= 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	300
RS-128	AA1017838305	Pl 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	200
RS-129	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	118
RS-130	AA1041803176	PL 32 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 32 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-131	AA1041803680	PL 32 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 32 mm x 2500 mm x 6500 mm : T X W X L (mm); 32 X 2500 X 6500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	135
RS-132	AA1041803800	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 mm x 3200 mm x 12500 mm: T X W X L (mm); 32 X 3200 X 12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	111
RS-133	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 [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]	HPVP, Vizag	Vizag	Andhra Pradesh	50
RS-134	AA1041804350	PLATE 35.0 MM - SA515GR70; 35 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	160
RS-135	AA1041804474	PLATE 35 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 35 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	70
RS-136	AA1011838362	Pl 36 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12500mm; 36 X W=2500 X L =12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	150
RS-137	AA1011842181	Pl 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	115
RS-138	AA1011845709	Pl 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]	BAP, Ranipet	Ranipet	Tamil Nadu	60
RS-138	AA1011845709	Pl 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-138	AA1011845709	Pl 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	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	145

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-139	AA1011845970	Pl 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 4500 X 8500 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	85
RS-140	AA1011846195	Pl 36 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 36 X W= 2500 X L= 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	200
RS-141	AA1041803818	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 mm x 3200 mm x 12500 mm: T X W X L (mm); 36 X 3200 X 12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	35
RS-142	AA1011837757	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	300
RS-143	AA1011838370	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	600
RS-144	AA1011842203	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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	35
RS-145	AA1011845253	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]	HEEP, Haridwar	Haridwar	Uttarakhand	220
RS-146	AA1011845717	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]	BAP, Ranipet	Ranipet	Tamil Nadu	190
RS-146	AA1011845717	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]	HEEP, Haridwar	Haridwar	Uttarakhand	150
RS-146	AA1011845717	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chattisgarh	81
RS-146	AA1011845717	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]	PSER, Kolkata	Yamunanagar	Haryana	98
RS-146	AA1011845717	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]	PSWR, Nagpur	UKAI 1X800 MW	Gujarat	35
RS-147	AA1011845750	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]	HPBP, Trichy	Trichy	Tamil Nadu	1000
RS-147	AA1011845750	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]	PSER, Kolkata	RAGHUNATHPUR THERMAL POWER STATION PHASE-II (2X800 MW)	West Bengal	35
RS-147	AA1011845750	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]	PSWR, Nagpur	2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST	Chattisgarh	35
RS-148	AA1011846217	Pl 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X W= 2500 X L= 12000 [T X W X L] [mm]	PSNR, Noida	NTPC SINGRAULI STPP STAGE-III (2X800 MW)	Uttar Pradesh	35
RS-148	AA1011846217	Pl 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X W= 2500 X L= 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	100

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-149	AA1017845476	PLATE 40 MM; IS2062 E250GRBr; TDC:6:386:REV:03: 40 x 2500 x (10000-12000) (T x W x L) mm; 40 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	120
RS-150	AA1017845573	HR PLATE 40 mm, IS2062 E250 Gr BR/K TDC:386; 40 (T) x 2750 (W) x 12000 (L) [mm]; 40 X 2750 X 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	120
RS-151	AA1018842012	Pl 40 mm IS2062 E350 Gr BR/K TDC 301 + UST as per ASTM A435; 40 (T) x 2500 (W) x 12000 (L) [mm]; 40 X 2500 X 12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	60
RS-152	AA1041803893	PL 40 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 40 mm x 2850 mm x 8500 mm: T X W X L (mm); 40 X 2850 X 8500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	40
RS-153	AA1041804563	PLATE 40 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 40 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-154	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	80
RS-155	AA1048803643	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 8400 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-156	AA1011837382	Pl 45 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	320
RS-157	AA1011838982	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-157	AA1011838982	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]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-158	AA1011845270	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]	BAP, Ranipet	Ranipet	Tamil Nadu	35
RS-159	AA1011846349	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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	35
RS-160	AA1011846373	Pl 45 mm IS 2062 E350B0 TDC:6:386, width 2500mm, length 12000mm; 45 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	250
RS-161	AA1041803710	PL 45 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 45 mm x 2500 mm x 6500 mm : T X W X L (mm); 45 X 2500 X 6500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	60
RS-162	AA1041803974	PL 45 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) + bend test as per ASTM A 20); 45 mm x 2500 mm x (8000-12000) mm: T X W X L (mm); 45 X 2500 X 8000-120	HEP, Bhopal	Bhopal	Madhya Pradesh	53
RS-163	AA1011837412	Pl 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	100
RS-163	AA1011837412	Pl 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	600

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-163	AA1011837412	Pl 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-163	AA1011837412	Pl 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-164	AA1011845288	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]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-164	AA1011845288	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-165	AA1011845776	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]	PSER, Kolkata	NTPC LARA STPP STAGE-II (2X800 MW), Rajnandgaon, Bhillai	Chhattisgarh	35
RS-165	AA1011845776	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]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	105
RS-166	AA1011846225	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]	HEEP, Haridwar	Haridwar	Uttarakhand	35
RS-166	AA1011846225	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]	PSNR, Noida	1X800 MW EXPANSION UNIT AT DCRTPP, YAMUNA NAGAR	Haryana	235
RS-167	AA1011846233	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]	PSWR, Nagpur	1X660 MW ULTRA SUPERCRITICAL UNIT-12 AT SATPURA TP	Madhya Pradesh	1500
RS-168	AA1041803648	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 6000< L < 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	35
RS-169	AA1041803826	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 50 X 3200 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	198
RS-170	AA1041804580	PLATE 50 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 50 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-171	AA1011837439	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	100
RS-172	AA1011838281	Pl 56 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 56 X W=2500 X L =8000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	500
RS-173	AA1011845989	Pl 56 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 56 X 2500 X 12000 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	100
RS-174	AA1017838356	PLATE 56 MM; IS2062 E250GR Br; TDC::301:REV:12: 56 x 2500 x (10000-12000) (T x W x L) mm; 56 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	50
RS-175	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	62

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-176	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	90
RS-177	AA1011845334	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-178	AA1011837455	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	80
RS-178	AA1011837455	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]	HPEP, Hyderabad	Hyderabad	Telangana	250
RS-179	AA1011838290	Pl 63 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 63 X W=2500 X L =8000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	200
RS-180	AA1011845369	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]	HEEP, Haridwar	Haridwar	Uttarakhand	180
RS-181	AA1011845784	Pl 63 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 63 X 2500 X 12000 [T X W X L] [mm]	PSWR, Nagpur	NTPC - TALCHER 2X660 MW EPC, Rajnandgaon, Raigarh, Yamunanagar	Odisha, Chhattisgarh, Haryana	105
RS-182	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	150
RS-183	AA1017842051	PLATE 63 MM; IS2062 E350GR Br; TDC::301:REV:12: 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-184	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-185	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]	HEEP, Haridwar	Haridwar	Uttarakhand	150
RS-186	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]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-187	AA1041803737	PL 63 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 63 mm x 2500 mm x 6500 mm : T X W X L (mm); 63 X 2500 X 6500 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	300
RS-188	AA1041803834	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 63 X 3200 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	100
RS-189	AA1011837471	Pl 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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	70
RS-189	AA1011837471	Pl 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-190	AA1011845385	Pl 70 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	80

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-191	AA1041803249	PL 70 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 70 X 2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	44
RS-192	AA1041803842	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 70 X 3200 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	111
RS-193	AA1041804610	PLATE 70 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 70 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HERP, Varanasi	Varanasi	Uttar Pradesh	35
RS-194	AA1011845393	Pl 75 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 75 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	BAP, Ranipet	Ranipet	Tamil Nadu	50
RS-195	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	150
RS-195	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]	HPEP, Hyderabad	Hyderabad	Telangana	100
RS-196	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	450
RS-197	AA1017838461	Pl 80 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 80 (T) x 2800 (W) x 11200 (L) [mm]; 80 X 2800 X 11200 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	240
RS-198	AA1017845417	Pl 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-199	AA1041801670	PL 80 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2500 ; L= 8000-10000 ;[Thickness, Length (L) & Width (W) are in mm]; 80 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	75
RS-200	AA1041803885	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 80 X 3200 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	114
RS-201	AA1011845415	Pl 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	150
RS-202	AA1041803850	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 mm x 2500 mm x 6300 mm: T X W X L (mm); 90 X 2500 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	45
RS-203	AA1011838656	PI 100 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 100 X 2500 X 6000-12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-204	AA1011838885	Pl 100 mm IS 2062 E250 Gr BR; 100 X 2500 X 6000< L < 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	200
RS-205	AA1017845409	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]	HEEP, Haridwar	Haridwar	Uttarakhand	95
RS-206	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-207	AA1041803869	PL 100 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); 100 mm x 2500 mm x 6300 mm: T X W X L (mm); 100 X 2500 X 6300 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	37

RS No.	UNIFIED MATERIAL CD	Rate Schedule description	Unit/Region	Tentative Locations for delivery	State	Qty. (MT)
RS-208	AA1011837552	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]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	110
RS-209	AA1011838990	Pl 110 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12;110 x 2500 x 6300-12000; (T x W x L) mm; 110 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	50
RS-210	AA1011845431	Pl 110 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-211	AA1017842124	Pl 110 mm IS2062 E350 Gr BR/K TDC:301; 110 (T) x 2850 (W) x (6300-12000) (L) [mm]; 110 X 2850 X 6300 ≤ L ≤ 12600 [T X W X L] [mm]	HPEP, Hyderabad	Hyderabad	Telangana	50
RS-212	AA1041801505	PL 110 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 1650 ; L= 8000;[Thickness, Length (L) & Width (W) are in mm]; 110 X 1650 X 8000 [T X W X L] [mm]	HEEP, Haridwar	Haridwar	Uttarakhand	55
RS-213	AA1041803575	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 110 X 2000≤ W ≤2500 X 6000 ≤ L ≤ 8000 [T X W X L] [mm]	FSIP, Jagdishpur	Jagdishpur	Uttar Pradesh	80
RS-214	AA1011838664	Pl 125 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 125 X 2500 X 6000-12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-215	AA1011845598	Pl 130 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 130 X 1800 X 5600 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	90
RS-216	AA1011838680	Pl 140 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 140 X 2500 X 6000-12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
RS-217	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]	HEEP, Haridwar	Haridwar	Uttarakhand	100
RS-218	AA1011845601	Pl 155 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 155 X 1800 X 5600 [T X W X L] [mm]	HPBP, Trichy	Trichy	Tamil Nadu	200
RS-219	AA1011838699	Pl 160 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 160 X 2500 X 6000-12000 [T X W X L] [mm]	HEP, Bhopal	Bhopal	Madhya Pradesh	40
					Grand Total	**58153**

बी एच ई एल BHEL	**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: 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:			

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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.

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

BHEL	**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 1st Issue 19-09-2016
Dt:28-11-2025	Dt:	Year:			

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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.

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.

10 Referred Standards (Latest Publications Including Amendments)

1) ASTM A578 2) SA-20/SA-20M 3) EN 10164

ANNEXURE 1 – Supplementary Requirements

<table>
<tr><th>Sl. No.</th><th>Supplementary Requirement</th><th>Standard</th><th>Remarks</th></tr>
<tr><td>1</td><td>Charpy V-Notch impact test on Longitudinal Specimen</td><td>ASME-SA-20/SA-20M and
ASME SA-370/SA-370M</td><td rowspan="9">Only for plates identified in BHEL enquiry</td></tr>
<tr><td>2</td><td>Charpy V-notch impact test on transverse specimen</td><td>ASME SA-20/ SA-20M
Temperature of testing shall be 10˚C above the minimum temperature specified in Table A2.15 for longitudinal tests</td></tr>
<tr><td>3</td><td>Low Temperature Impact, S5 as per ASME SA 20 in line with the following table.
<table>
<tr><th rowspan="2">Plate Thickness</th><th rowspan="2">Temperature °C</th><th colspan="2">Energy Absorbed, J</th></tr>
<tr><th>Minimum average for 3 specimen</th><th>Minimum for 1 specimen</th></tr>
<tr><td>25mm and under</td><td>- 46 °C</td><td>20</td><td>16</td></tr>
<tr><td>Over 25mm to 50 mm, Incl</td><td>- 40 °C</td><td>20</td><td>16</td></tr>
<tr><td>Over 50mm to 75 mm, Incl</td><td>- 35 °C</td><td>20</td><td>16</td></tr>
<tr><td>Over 75mm to 125 mm, Incl</td><td>- 29 °C</td><td>20</td><td>16</td></tr>
<tr><td>Over 125mm</td><td>- 29 °C</td><td>20</td><td>16</td></tr>
</table></td><td>ASME SA-20/ SA-20M</td></tr>
<tr><td>4</td><td>Through thickness tension testing to Quality class Z25 (Test applicable for plate thickness 25mm and above)</td><td>EN 10164</td></tr>
<tr><td>5</td><td>Bend test (Longitudinal direction) [mandrel size to be mentioned in test certificate]</td><td>ASME SA-20/SA-20M</td></tr>
<tr><td>6</td><td>IBR Certification</td><td>As per IBR format FORM IV</td></tr>
<tr><td>7</td><td>Third Party Inspection</td><td>BVQI
LLOYDS
TUV</td></tr>
<tr><td>8</td><td>Simulation Heat Treatment as per the cycle mentioned below is required for the plates mentioned in the purchase order (PO) issued by BHEL.
The following Simulation Heat Treatment to be done on test coupons for mechanical testing in normalised and SR condition (apart from as supplied condition)
Normalising: Temperature 800-920 Deg C
Stress Relieving (SR): Temperature 615 +/- 10 Deg C, 3 hr/inch of thickness (t), furnace cool to 400 Deg C, ROH/ROC for SR < 220 Deg C/hr divided by thickness (t) in inches but need not be slower than 55 Deg C/hr.

Number of cycles required for simulation heat treatment (SHT) shall be informed in respective rate schedules of tenders during competitive bidding process.</td><td></td></tr>
</table>

BHEL	**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:

Revisions:			**APPROVED**: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(FCF+HTM)		
Rev No.05	Amd No.	Reaffirmed	Prepared HPEP, Hyderabad	Issued Corp.R&D	Dt. of 1st Issue September 1978
Dt:12-04-2024	Dt:	Year:			

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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.

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/mm^2.

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.

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 ≥ 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 not withstanding 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

TECHNICAL DELIVERY CONDITIONS FOR COLD ROLLED CARBON SHEET COILS

PREPARED BY:

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

REVIEWED BY:

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

APPROVED AND ISSUED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
QUALITY & BE	K. SAKETHARAMAN AGM / Q&BE	23/9

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 ± 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.

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.

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	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 **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. 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. Tolerance on thickness (Clause no. 3.2) updated from plus 0.00 mm to minus 0.00 mm for better clarity. TDC clause no. 6.1 (xi) – Surface finish included.

TECHNICAL DELIVERY CONDITIONS FOR COLD ROLLED CARBON SHEET COILS WITH STANDARD TOLERANCE

PREPARED BY:

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

REVIEWED BY:

DEPARTMENT	NAME & DESIGNATION S/Shri	SIGNATURE
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MATERIAL PLANNING	Shyam Sundar VP/AGM	05/02/2025
QC (PROCUREMENT)	VIVEKANANDA YELLU	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

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

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 ± 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.

a. Vendors Name
b. Purchase Order Number
c. BHEL material code
d. Coil Number
e. Specification & Grade
f. 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.

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	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. The coil type is clarified as CRCA and condition of steel shall be fully killed in TDC clause no. 1.0. Colour coding requirement included based on feedback from APH Engineering/Stores/Production shop/MPLG

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]	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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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 ($L_o = 5{,}65\sqrt{S_o}$)=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.

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.

Issued By Quality Assurance

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

a) All mandatory tests as per the specification.

b) 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

i. All plates of thickness > 25mm 1 to 4 shall be maintained by hard stamping.

ii. For plates of thickness >10mm 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.

iii. All plates of thickness ≤ 10 mm (as rolled)1,2,3,4 4 shall be maintained by paint stenciling.

iv. Plates of thickness ≤ 10mm (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.

9. INSPECTION AND CERTIFICATION:

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

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

Notes:

1. This TDC shall be read along with SIP:NP:14 (latest), for POs placed by outsourcing on OVM/ACF vendors.
2. **Refer TDC:0:301 (Latest revision) for the requirements of other structural material specifications which are not covered in this TDC.**
3. **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**

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:**
   a) ASTM A36 shall be procured in killed condition.
   b) 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.
   c) IS 2062 *E250 C* and IS 2062 E350 C shall be in killed condition.
   d) BS EN 10025-2 S355 J2+N shall be in killed condition with Carbon: 0.20% max (in Product Analysis).
   e) 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:**
   a) ASTM A36, IS 2062 E250 A, B0, BR, C and E350 A, B0, BR, C:
      i. Thickness up to and including **20mm** in rolled condition. Thickness more than **20**mm shall be Normalized/ Normalized rolled.
   b) IS 2062 E410 BR/ BSEN 10025-3-S420N, BS EN 10025-2 Gr S355 J2 +N: Normalized condition.

4. **MECHANICAL TESTS:**
   a) All mandatory tests shall be as per the applicable materials specifications.
   b) Additionally, microstructure analysis for Grain size shall be carried out for Normalizing rolling plates above **20**mm 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.

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:

i. All plates of thickness > 25mm 1 to 4 shall be maintained by hard stamping and 5 by paint stenciling

ii. For plates of thickness >10mm 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.

iii. All plates of thickness ≤ 10 mm (except made from strip in coil form)1,2,3,4 shall be maintained by paint stenciling.

iv. Plates of thickness ≤ 10mm (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:

a) Purchase Order No. (BHEL PO only), TDC No. & its Revision No., Test certificate No. & Date, Size, Plate number and Quantity-Melt wise.

b) Material Specification and Grade with applicable year of code, Heat Number, Steel making process, de-oxidation process.

c) Chemistry, Carbon equivalent and Heat Treatment details.

d) Mechanical test values, including impact values (where applicable), shall be reported.

e) Grain size at 100X magnification for Normalizing rolling Plates of thickness above 20mm (Refer Cl. 4(b) of this TDC).

f) NDE results with reference and acceptance standards.

Note:

1. 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	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**

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	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	200	MT	850	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
2	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	100	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
3	CR COIL 0.80X850 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 850 X Coil form [T X W X L] [mm]	AA1011721031	900	MT	850	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
4	CR COIL 0.80X850 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 850 X Coil form [T X W X L] [mm]	AA1011721040	50	MT	850	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
5	CR COIL 0.80X750 IS 513 CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 750 X Coil form [T X W X L] [mm]	AA1011721066	388	MT	750	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
6	CR COIL 0.80X650 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 650 X Coil form [T X W X L] [mm]	AA1011721104	50	MT	650	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
7	CR COIL 0.80X300 IS 513CR3 DD POS TOL TDC:RTA:410:R00; 0.8 X 300 X Coil form [T X W X L] [mm]	AA1011721171	50	MT	300	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
8	CR COIL 0.80X300 IS 513 CR3 DD TDC:RTA:408:R04; 0.8 X 300 X Coil form [T X W X L] [mm]	AA1011721180	120	MT	300	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
9	1.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 1 X W=1250 X L=2500 [T X W X L] [mm]	AA1011715074	35	MT	W=1250	L=2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
10	COLD ROLLED COIL 1.25 X 903 IS 513 GR.CR3; 1.25 X 903 X Coil form [T X W X L] [mm]	AA1011721120	7300	MT	903	Coil form	INR			Not quoted	0.0000	0.0000	INR Zero Only
11	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	235	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
12	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	150	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
13	HR Sheet 2 mm IS 5986 Gr 205; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713110	600	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
14	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011715155	35	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
15	CR sheet 2.0 mm IS 513 CR2 - KLD; 2 X 1250 X 2500 [T X W X L] [mm]	AA1011715970	40	MT	1250	2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
16	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	200	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
17	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	150	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
18	3.0 MM X 1250 MM X 2500 MM CRC STEEL SHEETS ANNEALED TO SPECIFICATION AA 10115 REV-09 (IS 513 CR2 KLD); 3 X W=1250 X L=2500 [T X W X L] [mm]	AA1011715180	35	MT	W=1250	L=2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
19	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	100	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
20	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	275	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
21	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	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
22	HR Sheet 4.0mm IS 5986 Gr 205; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011713160	100	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
23	HR Sheets 4 mm IS 1079 Gr.HR1 SK/K; 4 X 900 ≤ W ≤ 1250 X L = 2500 [T X W X L] [mm]	AA1011716054	35	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
24	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	200	MT	900 ≤ W ≤ 1250	L = 2500	INR			Not quoted	0.0000	0.0000	INR Zero Only
25	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	135	MT	1500 ≤ W ≤ 1800	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
26	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	250	MT	1500 ≤ W ≤ 1800	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
27	CQ PI 5 mm IS 3502; 5 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883016	1220	MT	900 ≤ W ≤ 1250	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
28	PI 5 mm IS2062 E250 Gr BR/K; TDC:301 ; 5 (T) x 2000 (W) x (6300-12000) (L) [mm]; 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017838038	35	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
29	PI 5 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 5 (T) x 2000 (W) x (6300-12000) (L); 5 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845123	150	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
30	PI 5 mm IS2062 E250 Gr BR/K TDC:386; 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]	AA1017845301	1000	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
31	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	100	MT	1500 ≤ W ≤ 1800	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
32	PI 6 mm IS2062 E350 Gr B0/K TDC:301; 6 (T) x 1500 ≤ W ≤ 1800 (W) x (6300-12000) (L) [mm]; 6 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011843064	50	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
33	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	890	MT	1500 ≤ W ≤ 1800	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
34	CQ PI 6 mm IS 3502; 6 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883024	1999	MT	900 ≤ W ≤ 1250	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
35	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	185	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
36	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	150	MT	1500 ≤ W ≤ 1800	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
37	PI 8 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 8 X 2500 X L= 6300 [T X W X L] [mm]	AA1011837676	135	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
38	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	1100	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
39	PI 8 mm IS 2062 E250Br/K TDC:6:386, width 2000mm, length 12000mm; 8 X 2000 X 12000 [T X W X L] [mm]	AA1011845830	381	MT	2000	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
40	PI 8 mm IS2062 E350 Gr B0/K TDC:386; 8 (T) x 2000 (W) x (6300-12000) (L) [mm]; 8 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846772	150	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
41	CQ PI 8 mm IS 3502; 8 X 900 ≤ W ≤1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883040	50	MT	900 ≤ W ≤1250	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
42	PI 8 mm IS2062 E250 Gr BR/K TDC:301; 8 (T) x 3350 (W) x 6500 (L) [mm]; 8 X 3350 X 6500 [T X W X L] [mm]	AA1017838453	80	MT	3350	6500	INR			Not quoted	0.0000	0.0000	INR Zero Only
43	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	325	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
44	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	145	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
45	PI 8 mm IS 2062 E250Br/K TDC:6:386,; 8 X 2500 X 12000 [T X W X L] [mm]	AA1018845046	270	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
46	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	100	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
47	PI 10 mm IS2062 E250 Gr BR/SK/K TDC 301 + UST as per ASTM A578 Level B, width 2500 mm, length 10000 mm; 10 X W = 2500 X L = 10000 [T X W X L] [mm]	AA1011838141	100	MT	W = 2500	L = 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
48	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	50	MT	2000	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
49	PI 10 mm IS2062 E350 Gr BR TDC 301 Rev 12; 10 X 1500 ≤ W ≤ 1800 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842033	35	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
50	PI 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2500 (W) x (6300-12000) (L); 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011843226	50	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
51	PI 10 mm IS2062 E350 Gr B0/K TDC:301; 10 (T) x 2000 (W) x (6300-12000) (L); 10 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011843234	50	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
52	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	450	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
53	PI 10 mm IS 2062 E250Br/K TDC:6:386, width 1500mm, length 6300mm; 10 X 1500 X 6300 [T X W X L] [mm]	AA1011845857	35	MT	1500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
54	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	706	MT	2000	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
55	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	740	MT	2500	10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
56	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	168	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
57	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	100	MT	2000	9000	INR			Not quoted	0.0000	0.0000	INR Zero Only
58	PI 10 mm IS2062 E250 Gr BR/K TDC:386; 10 (T) x 2500 (W) x (6300-12000) (L) [mm]; 10 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845522	35	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
59	PI 12 mm IS2062 E350 Gr BR/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011823152	35	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
60	PI 12 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 12 X W= 2500 X 1000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837161	108	MT	W= 2500	1000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
61	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	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
62	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	430	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
63	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	2448	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
64	CQ PI 12 mm IS 3502; 12 X 900 ≤ W ≤ 1250 X L ≤ 6300 [T X W X L] [mm]	AA1014883067	35	MT	900 ≤ W ≤ 1250	L ≤ 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
65	PI 12 mm IS2062 E350 Gr BR/K TDC:301; 12 (T) x 2000 (W) x (6300-12000) (L) [mm]; 12 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017842019	185	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
66	PI 12 mm IS2062 E350 Gr B0/K TDC:386; 12 (T) x 2500 (W) x (6300-12000) (L) [mm]; 12 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017846022	35	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
67	PLT BQ 12 MM [SA516 GR 70] TDC: AA10403 + IBR (cl.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); 12 mm x 2500 mm x 7500 mm: T X W X L [mm]; 12 X [illegible]	AA1041803931	35	MT	2500	7500	INR			Not quoted	0.0000	0.0000	INR Zero Only
68	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	800	MT	3750	5850	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

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Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
69	PI 16 mm IS2062 E250 Gr BR/K TDC 301 Rev 12; 16 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011838028	200	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
70	PI 16 mm IS2062 E350 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]	AA1011842963	75	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
71	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	250	MT	1500 ≤ W ≤ 1800	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
72	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	1671	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
73	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	150	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
74	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	285	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
75	PI 16 mm IS2062 E350 Gr B0/K TDC:386; 16 (T) x 2500 (W) x (6300-12000) (L) [mm]; 16 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017846073	300	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
76	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]	AA1041803320	100	MT	2500	5700	INR			Not quoted	0.0000	0.0000	INR Zero Only
77	PL 16 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 16 mm x 2500 mm x 6500 mm : T X W X L (mm); 16 X 2500 X 6500 [T X W X L] [mm]	AA1041803451	350	MT	2500	6500	INR			Not quoted	0.0000	0.0000	INR Zero Only
78	PLT BQ 16 MM (SA516 GR.70) 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); 16 mm x 2500 mm x 13000 mm: T X W X L (mm); 16 X 2500 X 13000 [T X W X L] [mm]	AA1041803907	125	MT	2500	13000	INR			Not quoted	0.0000	0.0000	INR Zero Only
79	PLATE 16.0 MM - SA515GR70; 16 X 2000 X 6375 [T X W X L] [mm]	AA1041804750	56	MT	2000	6375	INR			Not quoted	0.0000	0.0000	INR Zero Only
80	PI 20 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 20 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837226	291	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
81	PI 20 mm IS2062 E350 Gr B0/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L); 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011843145	35	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
82	PLATE 20.0 MM; IS2062E350 GR B0; TDC:6:386:REV:03: 20 x 2500 x (10000-12000) (T x W x L) mm; 20 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011846870	50	MT	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
83	PI 20 mm IS2062 E350 Gr BR/K TDC:301; 20 (T) x 2000 (W) x (6300-12000) (L) [mm]; 20 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017842035	200	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
84	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	3261	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
85	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	350	MT	2500	7100	INR			Not quoted	0.0000	0.0000	INR Zero Only
86	PI 20 mm IS2062 E350 Gr B0/K TDC:386; 20 (T) x 2500 (W) x (6300-12000) (L) [mm]; 20 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017846111	250	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
87	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 mm x 3200 mm x 8000 mm: T X W X L (mm); 20 X 3200 X 8000 [T X W X L] [mm]	AA1041803788	109	MT	3200	8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
88	PLT BQ 20 MM (SA516 GR.70) 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); 20 mm x 2500 mm x 12500 mm: T X W X L (mm); 20 X 2500 X 12500 [T X W X L] [mm]	AA1041803915	40	MT	2500	12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
89	PLATE 20 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 20 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804539	50	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
90	PLATE 22 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 22 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804547	50	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
91	PI 25 mm IS2062 E350 Gr BR/K TDC:386; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011823047	35	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
92	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	100	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
93	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	1000	MT	2500	8000< L < 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
94	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	35	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
95	PI 25 mm IS2062 E350 Gr BR/K TDC:301; 25 (T) x 2000 (W) x (6300-12000) (L) [mm]; 25 X 2000 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011842920	105	MT	2000	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
96	PI 25 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 6300mm; 25 X 2500 X 6300 [T X W X L] [mm]	AA1011845741	35	MT	2500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
97	PI 25 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 25 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846128	60	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
98	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	48	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
99	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	35	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
100	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	1347	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
101	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	3100	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
102	PI 25 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 25 x 3200 x 12800 [T X W X L] [mm]; 25 X 3200 X 12800 [T X W X L] [mm]	AA1017845395	96	MT	3200	12800	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

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	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
103	PI 25 mm IS2062 E350 Gr B0/K TDC:386; 25 (T) x 2500 (W) x (6300-12000) (L) [mm]; 25 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017846057	230	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
104	PL 25 MM AS16 GRADE-7Q; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 25 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA1041803150	40	MT	2000≤ W ≤2500	8000 ≤ L ≤12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
105	PLATE 25.0 MM - SA515GR70; 25 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804156	250	MT	2000-2500	6300 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
106	PLATE 25 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 25 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804555	40	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
107	PLT BQ 25 MM (SA516 GR/70) 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	AA1048803783	355	MT	2500	13000	INR			Not quoted	0.0000	0.0000	INR Zero Only
108	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	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
109	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	100	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
110	PI 28 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 28 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846144	40	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
111	PI 28 mm IS2062 E250 Gr BR/K ;TDC 301 Rev 12; (Impact test at room temperature is mandatory); UT as per ASTM A435: 28 x 2500 x 6300 ; T (mm) x W (mm) x L (mm); 28 X 2500 X L= 6300 [T X W X L] [mm]	AA1017838291	35	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
112	PLT BQ 28 MM (SA516 GR/70) 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	AA1048803791	250	MT	2500	13000	INR			Not quoted	0.0000	0.0000	INR Zero Only
113	PI 30 mm IS2062 E250 GR BR TDC:6:386 Rev 03; 30 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845199	130	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
114	PI 30 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 30 (T) x 2500 (W) x 10000 (L) [mm]; 30 X 2500 X 10000 [T X W X L] [mm]	AA1017838470	100	MT	2500	10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
115	PL 30 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 4000 ; L= 6750;[Thickness, Length (L) & Width (W) are in mm]; 30 X 4000 X 6750 [T X W X L] [mm]	AA1041801041	80	MT	4000	6750	INR			Not quoted	0.0000	0.0000	INR Zero Only
116	PLATE 30.0 MM - SA515GR70; 30 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804334	70	MT	2000-2500	6300 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
117	PLATE 30 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 30 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804482	35	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
118	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]	AA1047801019	100	MT	2500	8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
119	PI 32 mm IS2062 E250 Gr A/BR/SK/K TDC:6:386 Rev 03; 32 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1011835037	85	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
120	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	400	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
121	PI 32 mm IS 2062 E 250 Gr A/BR/SK/K TDC:301 Rev 12; 32 X 2500 X L= 6300 [T X W X L] [mm]	AA1011837658	35	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
122	PI 32 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 3000 mm, length 7000 mm; 32 X W = 3000 X L = 7000 [T X W X L] [mm]	AA1011838230	100	MT	W = 3000	L = 7000	INR			Not quoted	0.0000	0.0000	INR Zero Only
123	PLATE-32 IS2062 E250BR TDC:301 Rev 12; 32 X 2500 X 12000 [T X W X L] [mm]	AA1011838788	200	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
124	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	500	MT	W = 2500	L = 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
125	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	200	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
126	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	635	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
127	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	500	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
128	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	200	MT	2500	L= 6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
129	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	118	MT	2650	11100	INR			Not quoted	0.0000	0.0000	INR Zero Only
130	PL 32 MM AS16 GRADE-7Q; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 32 X 2000≤ W ≤2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA1041803176	40	MT	2000≤ W ≤2500	8000 ≤ L ≤12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
131	PL 32 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 32 mm x 2500 mm x 6500 mm ; T X W X L (mm); 32 X 2500 X 6500 [T X W X L] [mm]	AA1041803680	135	MT	2500	6500	INR			Not quoted	0.0000	0.0000	INR Zero Only
132	PL 32 MM AS16 GRADE-7Q; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 32 mm x 3200 mm x 12500 mm: T X W X L (mm); 32 X 3200 X 12500 [T X W X L]	AA1041803800	111	MT	3200	12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
133	PLT BQ 32MM (SA516 GR/70) 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	AA1048803805	50	MT	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
134	PLATE 35.0 MM - SA515GR70; 35 X 2000-2500 X 6300 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804350	160	MT	2000-2500	6300 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
135	PLATE 35 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 35 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804474	70	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
136	PI 36 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435, width 2500mm, length 12500mm; 36 X W=2500 X L =12500 [T X W X L] [mm]	AA1011838362	150	MT	W=2500	L =12500	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

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NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
137	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	115	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
138	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	240	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
139	PI 36 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 36 X 4500 X 8500 [T X W X L] [mm]	AA1011845970	85	MT	4500	8500	INR			Not quoted	0.0000	0.0000	INR Zero Only
140	PI 36 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 36 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846195	200	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
141	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 mm x 3200 mm x 12500 mm: T X W X L (mm); 36 X 3200 X 12500 [T X W X L] [mm]	AA1041803818	35	MT	3200	12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
142	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	300	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
143	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	600	MT	W=2500	L =12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
144	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	35	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
145	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	220	MT	W= 3800	L= 5700	INR			Not quoted	0.0000	0.0000	INR Zero Only
146	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	554	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
147	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]	AA1011845750	1070	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
148	PI 40 mm IS2062 E350 Gr B0 TDC:6:386 Rev 03; 40 X W= 2500 X L= 12000 [T X W X L] [mm]	AA1011846217	135	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
149	PLATE 40 MM; IS2062 E250GRBr; TDC:6:386:REV:03: 40 x 2500 x (10000-12000) (T x W x L) mm; 40 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017845476	120	MT	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
150	HR PLATE 40 mm, IS2062 E250 Gr BR/K TDC:386; 40 (T) x 2750 (W) x 12000 (L) [mm]; 40 X 2750 X 12000 [T X W X L] [mm]	AA1017845573	120	MT	2750	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
151	PI 40 mm IS2062 E350 Gr BR/K TDC 301 + UST as per ASTM A435; 40 (T) x 2500 (W) x 12000 (L) [mm]; 40 X 2500 X 12000 [T X W X L] [mm]	AA1018842012	60	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
152	PL 40 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 40 mm x 2850 mm x 8500 mm: T X W X L (mm); 40 X 2850 X 8500 [T X W X L] [mm]	AA1041803893	40	MT	2850	8500	INR			Not quoted	0.0000	0.0000	INR Zero Only
153	PLATE 40 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 40 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804563	35	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
154	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]	AA1048803430	80	MT	2500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
155	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 8400 [T X W X L] [mm]	AA1048803643	35	MT	2500	8400	INR			Not quoted	0.0000	0.0000	INR Zero Only
156	PI 45 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 45 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011837382	320	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
157	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	200	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
158	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	35	MT	W= 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
159	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	35	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
160	PI 45 mm IS 2062 E350B0 TDC:6:386, width 2500mm, length 12000mm; 45 X 2500 X 12000 [T X W X L] [mm]	AA1011846373	250	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
161	PL 45 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 45 mm x 2500 mm x 6500 mm : T X W X L (mm); 45 X 2500 X 6500 [T X W X L] [mm]	AA1041803710	60	MT	2500	6500	INR			Not quoted	0.0000	0.0000	INR Zero Only
162	PL 45 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) + bend test as per ASTM A 20); 45 mm x 2500 mm x (8000-12000) mm: T X W X L [illegible]	AA1041803974	53	MT	2500	8000-12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
163	PI 50 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12; 50 X W= 2500 X 10000 ≤ L ≤ 12500 [T X W X L] [mm]	AA1011837412	835	MT	W= 2500	10000 ≤ L ≤ 12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
164	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	150	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
165	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	140	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
166	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	270	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
167	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	1500	MT	W= 2500	L= 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
168	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 6000< L < 12000 [T X W X L] [mm]	AA1041803648	35	MT	2500	6000< L < 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
169	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 50 X 3200 X 6300 [T X W X L] [mm]	AA1041803826	198	MT	3200	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
170	PLATE 50 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 50 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804580	35	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiryt No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

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	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
171	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	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
172	PI 56 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 56 X W=2500 X L =8000 [T X W X L] [mm]	AA1011838281	500	MT	W=2500	L =8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
173	PI 56 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 56 X 2500 X 12000 [T X W X L] [mm]	AA1011845989	100	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
174	PLATE 56 MM; IS2062 E250GR Br; TDC::301:REV:12: 56 x 2500 x (10000-12000) (T x W x L) mm; 56 X 2500 X 10000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1017838356	50	MT	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
175	PL 56 MM AS16 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]	AA1041803222	62	MT	2500	8000 ≤ L ≤12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
176	PL 56 MM AS16 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]	AA1048803406	90	MT	2500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
177	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	100	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
178	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	330	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
179	PI 63 mm IS2062 E250 Gr BR/K TDC 301, width 2500mm, length 8000mm; 63 X W=2500 X L =8000 [T X W X L] [mm]	AA1011838290	200	MT	W=2500	L =8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
180	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]	AA1011845369	180	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
181	PI 63 mm IS 2062 E250Br/K TDC:6:386, width 2500mm, length 12000mm; 63 X 2500 X 12000 [T X W X L] [mm]	AA1011845784	105	MT	2500	12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
182	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	150	MT	1875	9000	INR			Not quoted	0.0000	0.0000	INR Zero Only
183	PLATE 63 MM; IS2062 E350GR Br; TDC::301:REV:12: 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]	AA1017842051	100	MT	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
184	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	2500	10000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
185	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]	AA1041801068	150	MT	3600	7800	INR			Not quoted	0.0000	0.0000	INR Zero Only
186	PL 63 MM AS16 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]	AA1041803230	40	MT	2500	8000 ≤ L ≤12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
187	PL 63 mm A516 Gr.70; TDC: AA10403 + Impact test (S5 + sl.no. 3 of Annexure 1 of AA10403) + IBR (sl.no. 6 of Annexure 1 of AA10403); 63 mm x 2500 mm x 6500 mm : T X W X L (mm); 63 X 2500 X 6500 [T X W X L] [mm]	AA1041803737	300	MT	2500	6500	INR			Not quoted	0.0000	0.0000	INR Zero Only
188	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 mm x 3200 mm x 6300 mm: T X W X L (mm); 63 X 3200 X 6300 [T X W X L] [mm]	AA1041803834	100	MT	3200	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
189	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	170	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
190	PI 70 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 70 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845385	80	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
191	PL 70 MM AS16 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (S5 + Sl. No. 2 & 3 of Annexure-1); 70 X 2500 X 8000 ≤ L ≤12500 [T X W X L] [mm]	AA1041803249	44	MT	2500	8000 ≤ L ≤12500	INR			Not quoted	0.0000	0.0000	INR Zero Only
192	PL 70 MM AS16 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 mm x 3200 mm x 6300 mm: T X W X L (mm); 70 X 3200 X 6300 [T X W X L] [mm]	AA1041803842	111	MT	3200	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
193	PLATE 70 MM ; TDC: AA10404-05 + Supplementary requirements: UT (S12); 70 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041804610	35	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
194	PI 75 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 75 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845393	50	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
195	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	250	MT	W= 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
196	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	450	MT	2500	7650	INR			Not quoted	0.0000	0.0000	INR Zero Only
197	PI 80 mm IS2062 E250 Gr BR/K TDC 301 + UST as per ASTM A435; 80 (T) x 2800 (W) x 11200 (L) [mm]; 80 X 2800 X 11200 [T X W X L] [mm]	AA1017838461	240	MT	2800	11200	INR			Not quoted	0.0000	0.0000	INR Zero Only
198	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	2850	10700	INR			Not quoted	0.0000	0.0000	INR Zero Only
199	PL 80 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 2500 ; L= 8000-10000 ;[Thickness, Length (L) & Width (W) are in mm]; 80 X 2500 X 8000 ≤ L ≤ 10000 [T X W X L] [mm]	AA1041801670	75	MT	2500	8000 ≤ L ≤ 10000	INR			Not quoted	0.0000	0.0000	INR Zero Only
200	PL 80 MM AS16 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 mm x 3200 mm x 6300 mm: T X W X L (mm); 80 X 3200 X 6300 [T X W X L] [mm]	AA1041803885	114	MT	3200	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
201	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	150	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
202	PL 90 MM AS16 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 mm x 2500 mm x 6300 mm: T X W X L (mm); 90 X 2500 X 6300 [T X W X L] [mm]	AA1041803850	45	MT	2500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
203	PI 100 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 100 X 2500 X 6000-12000 [T X W X L] [mm]	AA1011838656	40	MT	2500	6000-12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
204	PI 100 mm IS 2062 E250 Gr BR; 100 X 2500 X 6000< L < 12000 [T X W X L] [mm]	AA1011838885	200	MT	2500	6000< L < 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only

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Item Wise BoQ

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

Name of Work: STEEL RATE CONTRACT - Qtr I 2026 - 27- Requirement of Steel Plates, Sheets & Coils

Enquiry No: 2026Q1STEELPLTSHT

Name of the Bidder/ Bidding Firm / Company :	

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	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code	Quantity (Metric Tons)	Units	Width (mm)	Length (mm)	Quoted Currency INR	BASIC RATE In Figures To be entered by the Bidder in Rs. /MT	Freight Rs. /MT	Offer Status	FOR TOTAL RATE (Without Taxes) (INR/MT)	TOTAL AMOUNT (for tendered Quantity) (Without Taxes)	TOTAL AMOUNT In Words
1	2	3	4	5	8	9	12	13	14	18	53	54	55
205	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	95	MT	2500	6000	INR			Not quoted	0.0000	0.0000	INR Zero Only
206	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]	AA1041801084	100	MT	2200	4800	INR			Not quoted	0.0000	0.0000	INR Zero Only
207	PL 100 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (SS + Sl. No. 1 & 2 of Annexure-1) + Bend Test(Sl. No. 5 of Annexure-1); 100 mm x 2500 mm x 6300 mm: T X W X L (mm); 100 X 2500 X 6300 [T X W X L] [mm]	AA1041803869	37	MT	2500	6300	INR			Not quoted	0.0000	0.0000	INR Zero Only
208	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	110	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
209	PI 110 mm IS2062 E250 Gr A/BR/SK/K TDC 301 Rev 12;110 x 2500 x 6300-12000; (T x W x L) mm; 110 X 2500 X 6300 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011838990	50	MT	2500	6300 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
210	PI 110 mm IS2062 E250 Gr BR/K TDC:6:386 Rev 03; 110 X 2000 ≤ W ≤ 2500 X 8000 ≤ L ≤ 12000 [T X W X L] [mm]	AA1011845431	100	MT	2000 ≤ W ≤ 2500	8000 ≤ L ≤ 12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
211	PI 110 mm IS2062 E350 Gr BR/K TDC:301; 110 (T) x 2850 (W) x (6300-12000) (L) [mm]; 110 X 2850 X 6300 ≤ L ≤ 12600 [T X W X L] [mm]	AA1017842124	50	MT	2850	6300 ≤ L ≤ 12600	INR			Not quoted	0.0000	0.0000	INR Zero Only
212	PL 110 mm IS 2002 GRADE-2; TDC: AA10401 Rev. 17 ; W = 1650 ; L= 8000;[Thickness, Length (L) & Width (W) are in mm]; 110 X 1650 X 8000 [T X W X L] [mm]	AA1041801505	55	MT	1650	8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
213	PL 110 MM A516 GRADE-70; TDC : AA10403 + Supplementary Requirements: Impact Test (SS + Sl. No. 2 & 3 of Annexure-1); 110 X 2000≤ W ≤2500 X 6000 ≤ L ≤ 8000 [T X W X L] [mm]	AA1041803575	80	MT	2000≤ W ≤2500	6000 ≤ L ≤ 8000	INR			Not quoted	0.0000	0.0000	INR Zero Only
214	PI 125 mm IS2062 E250 Gr BR TDC 301 Rev 12;UT: ASTM A578 Level A/SA435; 125 X 2500 X 6000-12000 [T X W X L] [mm]	AA1011838664	40	MT	2500	6000-12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
215	PI 130 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 130 X 1800 X 5600 [T X W X L] [mm]	AA1011845598	90	MT	1800	5600	INR			Not quoted	0.0000	0.0000	INR Zero Only
216	PI 140 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 140 X 2500 X 6000-12000 [T X W X L] [mm]	AA1011838680	40	MT	2500	6000-12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
217	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]	AA1041801548	100	MT	2000	10500	INR			Not quoted	0.0000	0.0000	INR Zero Only
218	PI 155 mm IS 2062 E 250 Gr BR/K TDC:6:386 Rev 03; 155 X 1800 X 5600 [T X W X L] [mm]	AA1011845601	200	MT	1800	5600	INR			Not quoted	0.0000	0.0000	INR Zero Only
219	PI 160 mm IS2062 E250 Gr BR TDC 301 Rev 12;ASTM A435; 160 X 2500 X 6000-12000 [T X W X L] [mm]	AA1011838699	40	MT	2500	6000-12000	INR			Not quoted	0.0000	0.0000	INR Zero Only
Total in Figures											0.0000	0.0000	INR Zero Only
Quoted Rate in Figures				Select				%			0	0	Zero Only
Quoted Rate in Words													

	MANUFACTURERS NAME & ADDRESS:		MANUFACTURING QUALITY PLAN						PROJECT					
			ITEM	STRUCTURAL STEEL CONFORMING TO IS: 2062		MQP NO.			PACKAGE					
						REV.	: 00		CONTRACT NO.					
						DATE	: 02.09.2025		MAIN CONTRACTOR					
			SUB SYSTEM:			PAGE	:1/1							

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		10 **			11
1	**RAW MATERIAL**													
1.1	INGOT/BILLETS/BLOOM/ SLAB	Dimension, Defects, Bend, Camber, Macro-examination	Major	Visual & Dimension	As per IS 14650		IS 14650, IS 2062, NTPC Technical specification	IS 14650, IS 2062, NTPC Technical specification	Review of Supplier's TC & IIR	☑	P	V	-	
1.2		Chemical Composition	Major	Chemical Test	As per IS 14650					☑	P	V	-	
1.3		Vacuum degassing (as applicable)	Major	Chemical Test	As per IS 14650					☑	P	V	-	Plates beyond 40mm thickness shall be vacuum degassed
2	**IN PROCESS INSPECTION**													
2.1	Plates/Rolled Section	Normalizing Rolling	Major	Time-Temperature chart	100%		IS 2062, NTPC Technical specification	IS 2062, NTPC Technical specification	IIR	☑	P	V	V	Plates beyond 12mm thickness and up to 40mm thickness shall be normalized rolled.
2.2		Furnace normalising	Major	Time-Temperature chart	100%				IIR	☑	P	V	V	Plates beyond 40mm thickness shall be furnace normalised
2.3		NDT	Major	Ultrasonic Testing	100%		ASTM –A578 level B-S2, NTPC Technical specification	ASTM –A578 level B-S2	IIR	☑	P	V	V	Plates beyond 40mm thickness shall be 100% ultrasonically tested as per ASTM –A578 level B-S2.
3	**FINAL INSPECTION & TESTING**													
3.1	CHEMICAL TESTING	Chemical composition	Critical	Chemical Test	2 sample per Cast/ Heat		IS 2062, NTPC Technical specification	IS 2062, NTPC Technical specification	IR	☑	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	Tensile Strength (UTS)	Critical	Physical	2 sample per Cast/ Heat		IS 2062, NTPC Technical specification	IS 2062, NTPC Technical specification	IR	☑	P	W	W*	
3.3		Yield Stress	Critical	Physical						☑	P	W	W*	
3.4		Percentage Elongation	Critical	Physical						☑	P	W	W*	
3.5		Bend Test	Critical	Physical						☑	P	W	W*	
3.6		Impact Test	Critical	Physical	One test sample from thickest product per cast/heat					☑	P	W	W*	
3.4	DIMENSION & VISUAL	Dimension, Surface defects	Major	Visual & Dimension	100%	Random minimum 10%	IS 2062, NTPC Technical specification	IS 2062, NTPC Technical specification	IR	☑	P	W	W*	
3.6	Identification and Marking	Identification no., Tagging, Marking	Major	Visual	100%	Random	IS 2062		IR	☑	P	W	W*	

NOTES:

1. Main Contractor is required to get this document signed from manufacturer before placing the order for the subject project. For all requirements of steel w.r.t. grades, elongation, TS/YS, etc refer relevant clause of Technical Specification. 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 may carry out Surveillance Inspection of material at Manufacturer works or at Site as per NTPC approved MQP.
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: Manufaturer/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.	
MANUFACTURER/SUB-SUPPLIER	MAIN CONTRACTOR	FOR NTPC USE	REVIEWED BY	APPROVED BY
SIGNATURE				APPROVAL SEAL