

A-FORM		BHARAT HEAVY ELECTRICALS LIMITED - BHOPAL										A-FORM NO : A211B40	
MM DEPARTMENT		ESTIMATE SHEET FOR ISSUE OF MATERIAL/COMPONENTS FROM BHEL										REV NO : 0	
FORM NO BP-0021		CHECKLIST										A-FORM DATE 07-JAN-22	
DEPARTMENT : 211		PROJECT : NPCIL GHAVP		PO NO : A211B40		END PRODUCT : ANTI VIBRATION PLATE		DATE : 07-JAN-22		PAGE : 1 / 1			
INDENT NO : 221110069		WORK ORDER NO : 18084W04701		PO DATE :		DELY REQD : 25052022							
INDENT DATE : 07012022		MATERIAL ISSUE DIV : 211		SUPP CODE :		SUPP NAME :							
DETAILS OF FINISHED GOODS													
A-SLNO PO IT NO PIT NO QUANTITY REQUIRED UNIT SHOP NO DEST CD COST CD H.CELL													
DESCRIPTION OF SUB-ASSEMBLY/ITEM & WEIGHT/VOLUME/AREA													
FREE ISSUE MATERIAL PER UNIT OF FINISHED GOODS													
MATL		QTY PSL		PSL RATE PSL		TOTAL MATL		ISSUE PSL/		SMIV/			
CODE		UNIT		UNIT		TO BE ISSUED		UNIT WIP		PPMIV NO			
										MATERIAL			
										VALUE			
										TARIFF			
										HEAD			
										MATL			
										ISSUE QTY			
DESCRIPTION OF FREE ISSUE MATERIAL AND WEIGHT /VOLUME/AREA													
ANTI VIBRATION FLAT OF MODERATOR													
SA240 TP 321		491.2500 KG		149.000		1965.00		KG		WIP			
										292785.000			
										491.2500			
ANTI VIBRATION FLAT OF MODERATOR HEAT EXCHANGER TO DRG NO-11650340826 REV-03 MATERIAL DIMENSION- PL 5X1250X5000= 08 NOS R.WT-1965 KG & F.WT-1033.44KG APPROX													
		1		0		1				4.000 ST			
										211			
										211			
ANTI VIBRATION FLAT OF SHUT DOWN													
SA240 TP 321		76.7500 KG		149.000		614.00		KG		WIP			
										91486.000			
										76.7500			
M/CING OF ANTI VIBRATION FLAT OF SHUT DOWN HEAT EXCHANGER TO DRG NO-11650340896 REV-01 MATERIAL DIMENSION- PL 5X1250X5000= 02 NOS & PL 5X1250X2500=01 NO R.WT-614 KG & F.WT-298.50 KG APPROX													
		2		0		2				8.000 ST			
										211			
										211			
ANTI VIBRATION FLAT OF BLEED COOLER													
SA240 TP 321		61.4000 KG		149.000		245.60		KG		WIP			
										36594.400			
										61.4000			
ANTI VIBRATION FLAT OF BLEED COOLER TO DRG NO-11650340900 REV-01 MATERIAL DIMENSION- PL 5X1250X5000= 01 NO R.WT-245.60 KG & F.WT-75 KG APPROX													
		3		0		3				4.000 ST			
										211			
										211			
ANTI VIBRATION FLAT OF REGENERATIVE COOLER													
SA240 TP304L		41.2500 KG		168.000		165.00		KG		WIP			
										27720.000			
										41.2500			
ANTI VIBRATION FLAT OF REGENERATIVE COOLER TO DRG NO-11650340893 REV-01 MATERIAL DIMENSION- PL 7X1500X2000= 01 NO R.WT-165 KG & F.WT-18.50 KG APPROX.													
		4		0		4				4.000 ST			
										211			
										211			
REMARKS LABOUR BASIS													
TOTAL NO OF CANCEL ITEM 0													
AFORM TOTAL 448585.400													
1 MATERIAL TO BE ISSUED ON :- FREE ISSUE BASIS													
2.TRANSPORT TO BE PROVIDED BY :- SUPPLIER													
3.EXCISE DUTY ON ISSUE MATL TO BE BORNE BY :- SUPPLIER													
4.SCRAP TO BE RETURNED :- NO													
5 INVARIABLY ISSUE WT. TO BE RECORDED ON SMIV/PMIV													
SIGNATURE OF INDENTOR													
NAME													
DESIGNATION													
TELEPHONE													
SIGNATURE OF ASC EXECUTIVE													
NAME													
DESIGNATION													
TELEPHONE													

PRE-QUALIFICATION REQUIREMENT FOR ANTI-VIBRATION FLATS MACHINING

Sl. No.	Requirement	Document Required	Vendor's Response
01.	Details of the past experience of machining job including jobs executed or under progress, in the last five years. Vendor should provide at-least 01 PO copy or any document indicating job executed(QC Report, dispatch documents, tax invoice) for any Govt. Organization, Public Listed company or Public Sector Enterprises.	PO Copy & Job Completion Certificate/any document mentioning completion of Job.	Vendor to confirm & Provide Documents.
02.	Certification	All machines & instruments used should have a valid calibration certificate.	Vendor to confirm & Provide Documents
03.	No contact with any CS material either during handling, machining or storage of items.		Vendor to confirm
04.	Sample (Locking Plate)preparation and submission for clearance	Vendor to manufacture/machine 01 No. locking plate having dimensions 20 x 145 x 3.8 (+0.0/-0.1) (Drg No.11650340826 Sl. No.975) from any austenitic SS material for establishment of their capability to manufacture / machine the items. The material should be machined free of cost on returnable basis.	Vendor to confirm & offer the item for technical qualification for BHEL/NPCIL inspection. The offer shall be considered for further evaluation only after clearance of machined items from BHEL/NPCIL.


1.After satisfactory, fulfilment of all the above criteria/requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

2.All documentary evidences along with this PQR shall be duly signed and stamped by Authorized person.

3.BHEL reserves the right to verify the information submitted by the vendor. In case the information found to be false or in-correct the offer /Purchase order shall be rejected at any stage.


4.After successful qualification against PQR, credentials shall be submitted to NPCIL for approval. Consideration for the placement of order is subject to technical compliance of NPCIL requirement and NPCIL approval to vendor.

satyachi
(CAIYASHRI).


(R. Sinsu/ Sr Mgr/HCM)




(VINOD PATNAIK)

	2 x 700 MW GORAKHPUR HARYANA ANUVIDYUT PARIYOJANA -1&2	Document No. :- BHEL/NPCIL/30448/SC/MHX/AVM
		Rev No. 00
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TECHNICAL SPECIFICATION FOR SUB-CONTRACTING FOR ANTI VIBRATION FLATS- MODERATOR & D2O HEAT EXCHANGER		

1.0 General:

- 1.1. This specification gives requirements for Sub-Contracting of Anti Vibration Flats for **Moderator** and **D2O HX** with details as below: -

Sl. No.	Equipment	Assembly Drawing no.	Quantity	Raw material issue by BHEL
1	Moderator Heat Exchanger	11650340826	4 sets	SS Plate (SA-240 TP 321)
2	Shutdown Heat Exchanger	11650340896	8 sets	SS Plate SA-240 TP 321 & SA 240 304 L
3	Bleed Cooler	11650340900	4 sets	SS Plate (SA-240 TP 321)
4	Regenerative Cooler	11650340893	4 sets	S.S. PLATE SA-240 TYPE 304L OF ASME SECTION II PART-A LATEST: WITH MAX. COBALT & CARBON CONTENT LIMITED TO 0.03%


- 1.2. Machine calibration Report & all related measuring instrument's calibration reports, need to be approved by BHEL QA before the start of machining.
- 1.3. All measurements, readings and derived values shall be recorded in proper format (Agreeable to BHEL/NPCIL).
- 1.4. Any further sub-contracting by Sub-vendor for machining is not allowed. Only vendors having in-house facility for machining, to achieve dimensions as per the enclosed drawings can submit the offer.

Satyashri
(SATYA SHRI)

R
(R. Singh / Sr. Mgr / HCM)

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Ajit
(VINODPATNAIK)

	2 x 700 MW GORAKHPUR HARYANA ANUVIDYUT PARIYOJANA -1&2	Document No. :- BHEL/NPCIL/30448/SC/MHX/AVM Rev No. 00 Page 2 of 4
TECHNICAL SPECIFICATION FOR SUB-CONTRACTING FOR ANTI VIBRATION FLATS- MODERATOR & D20 HEAT EXCHANGER		

2.0 Scope of Work:

- 2.1. Machining of Anti-Vibration Flats as per the approved drawing and attached specification.
- 2.2. Submission of Manufacturing procedure clearing indicating the sequence of operations and QAP.
- 2.3. Traceability of material from Raw to finish. **Vendor to submit procedure for concurrence by BHEL/NPCIL in this regard.**
- 2.4. To establish the process for the machining of Anti Vibration Strips as per customer requirements with zero deviation and maintain material / item traceability.
- 2.5. Identification on each and every item.

3.0 REFERENCE DOCUMENTS

- 3.1 Approved Customer Drawings.
- 3.2 Reference Quality Plan and procedure as applicable.
- 3.3 Attached Annexure **A-1**(Moderator), **A-2**(SDC), **A-3**(BCL) & **A-4**(RGCL)


4.0 Pre-Requisites:

- 4.1 Covered Work Shop.
- 4.2 Raw Material Storage Area.
- 4.3 Strip cutting machine from plates with valid calibration certificate.
- 4.4 Thickness Grinding Machine valid calibration certificate.
- 4.5 Radius Making Machine valid calibration certificate.
- 4.6 Straightening Machine with valid calibration certificate.
- 4.7 Machines for profile cutting on the plates like Wire Cutting Machine, Laser Cutting machine etc. with a valid calibration certificate. The type of machine to be used for profile cutting on the plates however shall be subject to approval by BHEL/NPCIL.
- 4.8 Instrument's valid calibration certificate.
- 4.9 Inspection Area.
- 4.10 Finish Good Storage Area and other required facility.

5. Material and Item Traceability Requirements.

- 5.1 Contact of SS to carbon steel should be avoided to prevent contamination.
- 5.2 Thickness and Heat No. wise plates segregation to be done after the receipt of the raw material.

(SAIYASHRI)  (R. S. Mishra / Sr. Manager / HCL)   (VINOD PATNAIK)

	2 x 700 MW GORAKHPUR HARYANA ANUVIDYUT PARIYOJANA -1&2	Document No. :- BHEL/NPCIL/30448/SC/MHX/AVM Rev No. 00 Page 3 of 4
TECHNICAL SPECIFICATION FOR SUB-CONTRACTING FOR ANTI VIBRATION FLATS- MODERATOR & D20 HEAT EXCHANGER		

5.3 Ensure wooden boxes must be available for each thickness

5.4 Cutting of Strips from Plates must be done preferably from plates having same Heat Nos.

5.5 Items which are cut from same thickness should be kept in the same wooden Box.

5.6 Ensure Tag must be available on each wooden box with following details,

1) Raw Mat. Thickness, 2) Heat No. 3) List of Items, 5) Job No. etc.

5.7 Items must be shifted for next operations with Box only in order to prevent misplacement of items.

5.8 Ensure that all items (thickness and preferably Heat No wise) must be segregated and traceable up to the dispatch of items.

Vendor to include above requirements in the identification and traceability procedure.

6.0 Notes: -

6.1 Ensure availability of all types of Tooling & Fixtures at your end and confirm.

6.2 BHEL will co-ordinate with customer as per the loading schedule/Inspection call provided by vendor. Information related inspections to be given to BHEL's concern persons at least 07 working days in advance.

6.3 Vendor need to carry out inspection of raw material supplied for visual, dimensional, correlation of material with inspection clearance (BHEL/NPCIL) and machining allowance before starting the process. If any defect or non-conformity is found, BHEL shall be informed immediately and any further operations on the job should be stopped till any further clearance from BHEL.

6.4 Ready material after stage inspection and final machining can be dispatched to BHEL only after getting final clearance from BHEL (& /or) NPCIL.

6.6 Vendor shall be responsible for meeting the drawing/PO requirements.

6.6 Rejection of any material shall be borne by the vendor and may lead to extra penalty if rejection is leading to the shortage of material.

7.0 General instructions:

7.1 There should be no scratch marks on the surface of the finished items.

7.2 All the material given for processing should be stored separately and necessarily not to come in contact with any Carbon Steel material during storage.

7.3 All machined components should be free from Dirt, Dust, Oil, Grease or any other foreign particles.


7.4 BHEL will issue the raw material duly cleared by NPCIL for Machining of Anti-Vibration Flats.

7.5 All clamping and packing arrangement used will be of stainless steel/wooden material.

Satish
(CAIYASURI)

R. Singh
(R. Singh / Sr. Mgr / ACM)

Vinod Patnaik
(VINOD PATNAIK)

	2 x 700 MW GORAKHPUR HARYANA ANUVIDYUT PARIYOJANA -1&2	Document No. :- BHEL/NPCIL/30448/SC/MHX/AVM Rev No. 00 Page 4 of 4
TECHNICAL SPECIFICATION FOR SUB-CONTRACTING FOR ANTI VIBRATION FLATS- MODERATOR & D20 HEAT EXCHANGER		

- 7.6 Dimension report dully sealed & signed by BHEL QC along with customer shall be submitted before dispatch of Anti-Vibration Flats.
- 7.7 Shipping release note/ document endorsed by BHEL customer i.e. NPCIL that job is made as per the Drg. and ready to use at BHEL's works.
- 7.8 Vendor has to submit the following document for BHEL
- 7.8.1 Manufacturing Process Plan.
 - 7.8.2 Cutting Layout for Approval
 - 7.8.3 Quality Plan for Inspection
 - 7.8.4 Procedure Qualification report
 - 7.8.5 Vendor to submit machining offer inclusive of inspection charges. Vendor to read drawing and specifications carefully before submitting offer.
- 7.9 Difference in weight of plate supplied & Machined Anti-Vibration Flats shall be considered as scrap. Cost of scrap shall be deducted at the prevailing rates which is presently Rs. 74.80/- per kg.

8.0 Special Instructions:

If during any of the checks of the job /Operator by the Inspector (which can take place any time during production activity), non-conformities are noted, machining shall have to be stopped. Machining shall proceed only after disposition of the non-conformity.

Vendor to confirm complete compliance of the above specification. Any deviation should be brought out clearly in the offer. Non-conformance to any of the clauses may lead to the disqualification of the offer.

Sagun
(SAGUNSHRI)

DO

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(R. Sindhya / Sr. Mgr / HCM)

Vinod Patnaik
(VINOD PATNAIK)

ANNEXURE A-1

Moderator Heat Exchanger (Drg.No-11650340826)			
Sr.No	IT. No	Item Description	Qty./Set
1	895	C Shaped Plate	9
2	896	Connecting Plate	6
3	897	Connecting Plate	6
4	898	Connecting Plate	6
5	899	Connecting Plate	12
6	904	Tie bar S P	1
7	905	Tie Bar	3
8	906	Strip Type A	2
9	907	Strip Type A	2
10	908	Strip Type A	2
11	909	Strip Type A	2
12	910	Strip Type A	2
13	911	Strip Type A	2
14	912	Strip Type A	2
15	913	Strip Type A	2
16	914	Strip Type A	2
17	915	Strip Type A	2
18	916	Strip Type A	2
19	917	Strip Type A	2
20	918	Strip Type A	2
21	919	Strip Type A	2
22	920	Strip Type A	2
23	921	Strip Type A	2
24	922	Strip Type A	2
25	923	Strip Type A	2
26	924	Strip Type A	2
27	925	Strip Type A	2
28	926	Strip Type A	80
29	927	Strip Type B	4
30	928	Strip Type B	4
31	929	Strip Type B	4
32	930	Strip Type B	4
33	931	Strip Type B	4
34	932	Strip Type B	4
35	933	Strip Type B	4
36	934	Strip Type B	4
37	935	Strip Type B	4
38	936	Strip Type B	4
39	937	Strip Type B	4
40	938	Strip Type B	4
41	939	Strip Type B	4
42	940	Strip Type B	4
43	941	Strip Type B	4
44	942	Strip Type B	4
45	943	Strip Type B	4

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46	944	Strip Type B	4
47	945	Strip Type B	4
48	946	Strip Type B	4
49	947	Strip Type B	160
50	948	Strip Type C	4
51	949	Strip Type C	4
52	950	Strip Type C	4
53	951	Strip Type C	4
54	952	Strip Type C	4
55	953	Strip Type C	4
56	954	Strip Type C	4
57	955	Strip Type C	4
58	956	Strip Type C	4
59	957	Strip Type C	4
60	958	Strip Type C	4
61	959	Strip Type C	4
62	960	Strip Type C	4
63	961	Strip Type C	160
64	962	Strip Type D	4
65	963	Strip Type D	4
66	964	Strip Type D	4
67	965	Strip Type D	4
68	966	Strip Type D	4
69	967	Strip Type D	4
70	968	Strip Type D	160
71	969	Locking Plate-A	2
72	970	Locking Plate-A	2
73	971	Locking Plate-A	2
74	972	Locking Plate-A to D	7
75	973	Locking Plate-B	4
76	974	Locking Plate-B	4
77	975	Locking Plate-B	4
78	976	Locking Plate-C	4
79	977	Locking Plate-C	4
80	978	Locking Plate-D	4
81	979	C Shaped Plate	2
82	980	C Shaped Plate	2
83	981	C Shaped Plate	2
84	982	Connecting Plate	4
85	983	C Shaped Plate	2
86	984	C Shaped Plate	2
87	985	C Shaped Plate	2
88	986	C Shaped Plate	2
89	987	C Shaped Plate	2
90	988	Connecting Plate	4
91	989	Connecting Plate	4
92	990	C Shaped Plate	2
93	991	C Shaped Plate	2
94	992	C Shaped Plate	2
95	993	C Shaped Plate	2

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96	994	C Shaped Plate	2
97	995	C Shaped Plate	2
98	996	C Shaped Plate	2
99	997	Connecting Plate	4
100	998	Connecting Plate	4
101	999	Connecting Plate	4
Total			881

ANNEXURE A-2

Shut Down Heat Exchanger (Drg.No-1165034089)			
Sr.No	IT. No	Item Description	Qty./Set
1	901	Vertical Strip-1	2
2	902	Vertical Strip-1	2
3	903	Vertical Strip-1	2
4	904	Vertical Strip-1	2
5	905	Vertical Strip-1	2
6	906	Vertical Strip-1	2
7	907	Vertical Strip-2	46
8	908	Horizontal Strip-1	92
9	909	Horizontal Strip-1	88
10	910	Horizontal Strip-2	4
11	911	Horizontal Strip-2	4
12	912	Horizontal Strip-2	4
13	913	Horizontal Strip-2	4
14	914	Horizontal Strip-2	4
15	915	Horizontal Strip-2	4
16	916	Horizontal Strip-2	4
17	917	Horizontal Strip-2	4
18	918	Horizontal Strip-2	4
19	919	Tie Bar	1
20	920	Tie Bar Support Plate	4
21	923	Junction Plate-1	8
22	924	Junction Plate-2	8
23	925	Junction Plate-3	4
24	926	Vertical Belt-1	8
25	927	Vertical Belt-1	8
26	928	Horizontal Belt-1	2
27	929	Horizontal Belt-1	2
28	930	Horizontal Belt-2	4
29	931	Horizontal Belt-3	4
30	932	Top Plate	1
31	933	Side Top Plate	2
Total			330

6)

ANNEXURE A-3

B leed C ooler (Dw g.No-116503409 00)			
Sr.No	IT. No	Item Description	Qty./Set
1	903	Tie Bar Su pp. Plate	4
2	904	Tie Bar Plate	1
3	905	Strip - A	4
4	906	Strip - A	72
5	907	Strip - A	4
6	908	Strip - A	38
7	909	Strip - A	2
8	910	H oriz ontal Belt	2
9	911	H oriz ontal Belt-2	4
10	912	V ertical Belt	1
11	913	C-Shaped Plate	8
12	914	C-Shaped Plate	4
13	915	Connecting Plate	8
Total			152

ANNEXURE A-4

Regenerative Cooler (Drg.No-1165034089 3)			
Sr.No	IT. No	Item Description	Qty./Set
1	901	Tie Bar Plate	1
2	902	Vertical Strip	2
3	903	Vertical Strip	2
4	904	Vertical Strip	2
5	905	Vertical Strip	2
6	906	Vertical Strip	2
7	907	Vertical Strip	2
8	908	Vertical Strip	2
9	909	Vertical Strip	2
10	910	Vertical Strip	2
11	911	Vertical Strip	2
12	912	Vertical Strip	2
13	913	Vertical Strip	2
14	914	Vertical Strip	8
15	915	Vertical Strip	8
16	916	Vertical Belt-1	1
17	917	Vertical Belt-2	2
18	918	Vertical Belt-3	2
Total			46

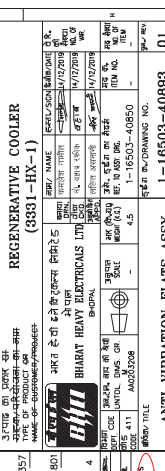
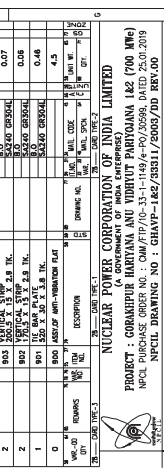
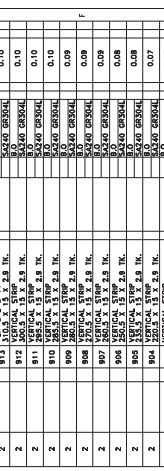
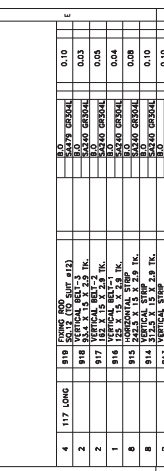
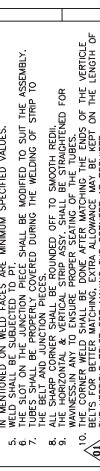
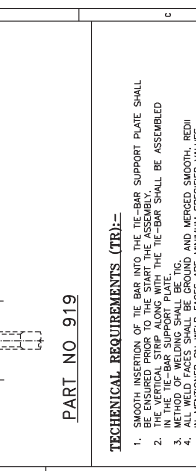
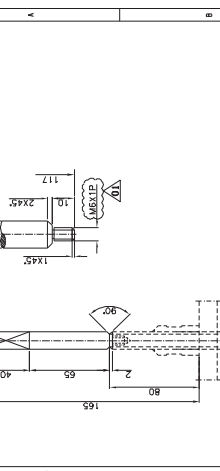
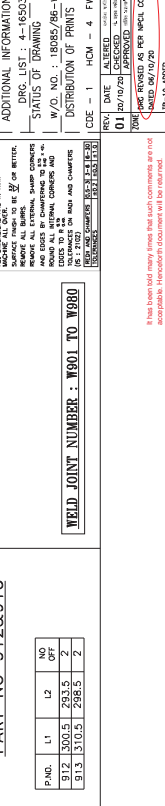
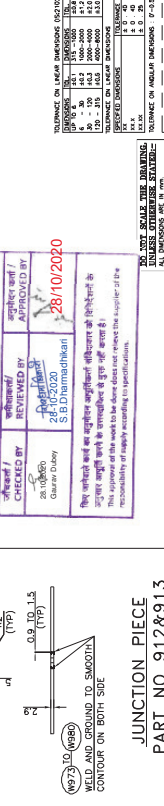
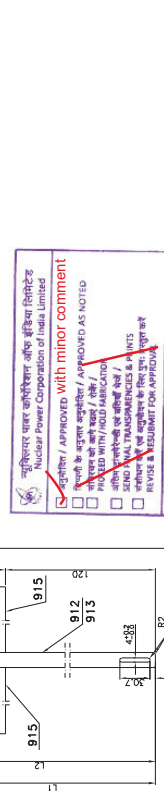
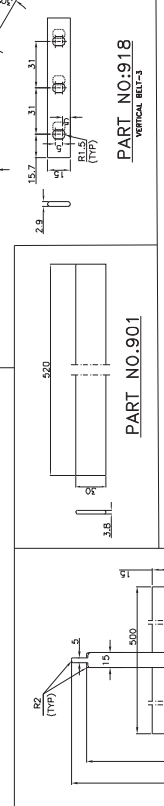
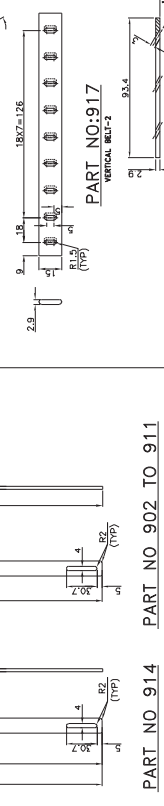
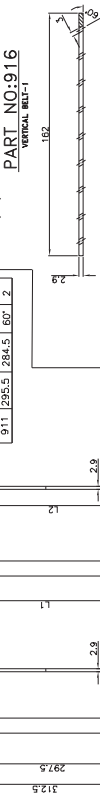
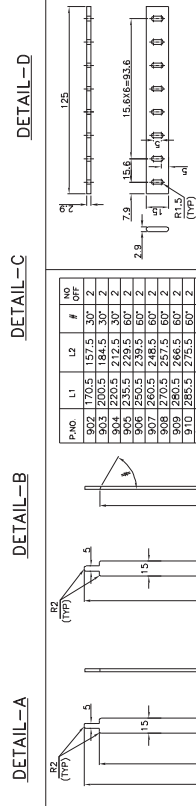
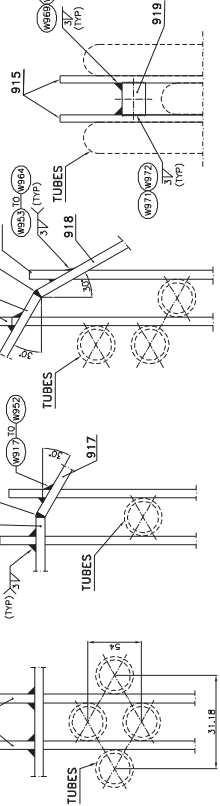
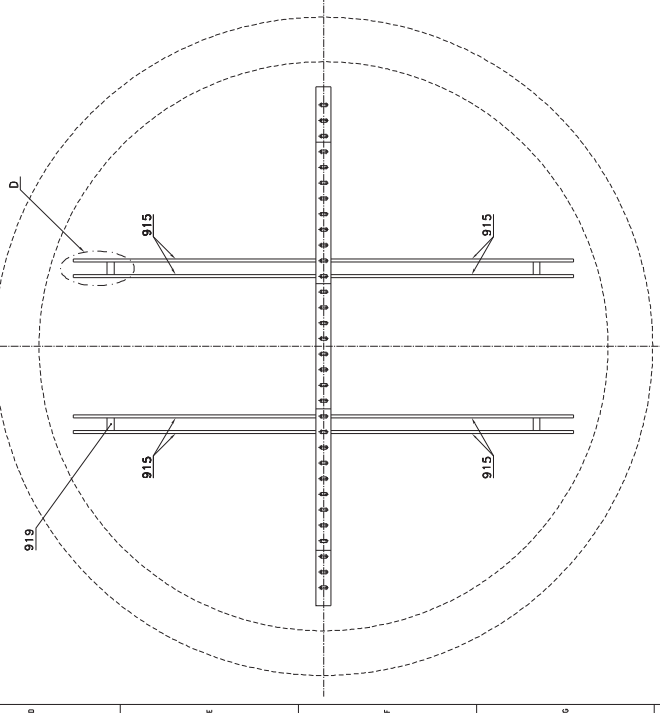
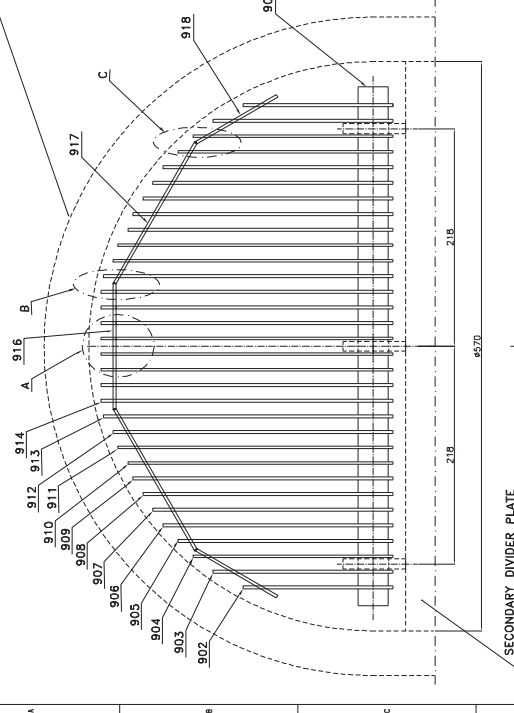
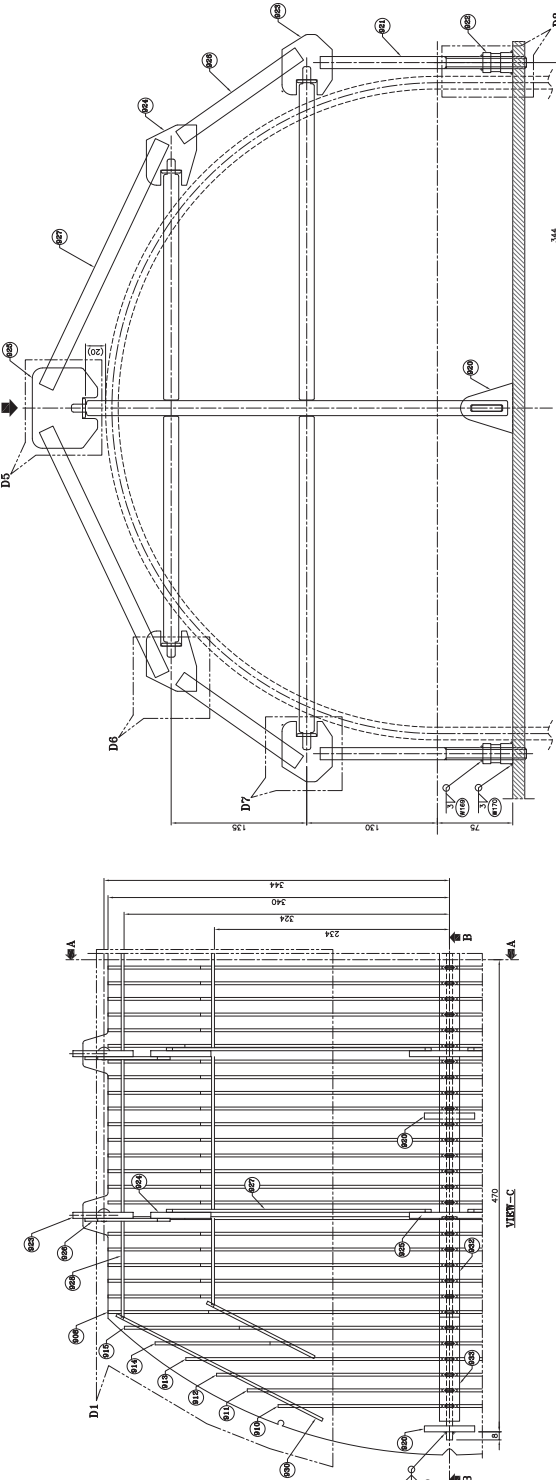


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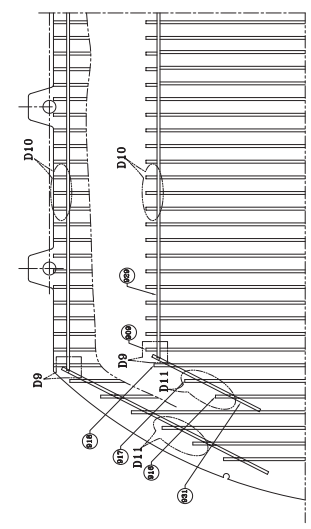
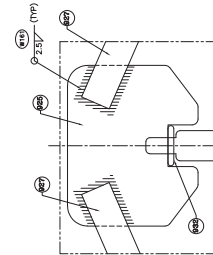
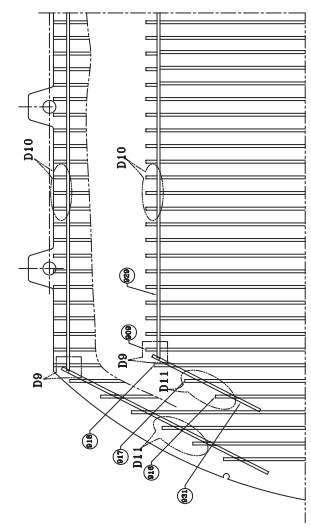
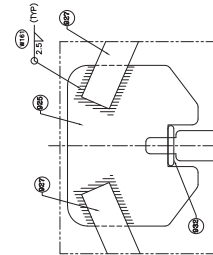
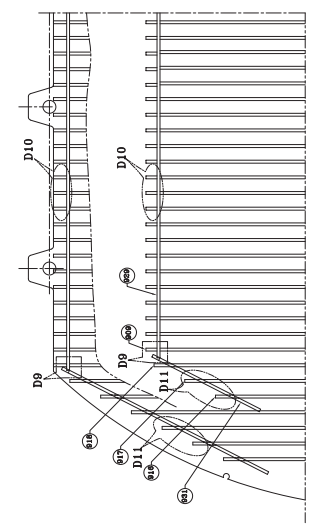
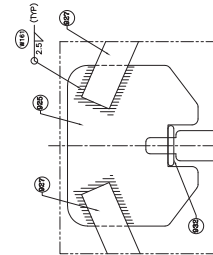
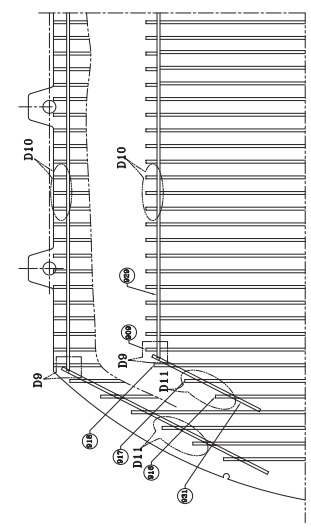
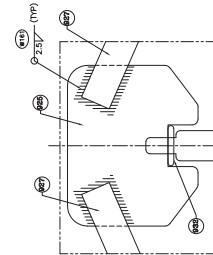
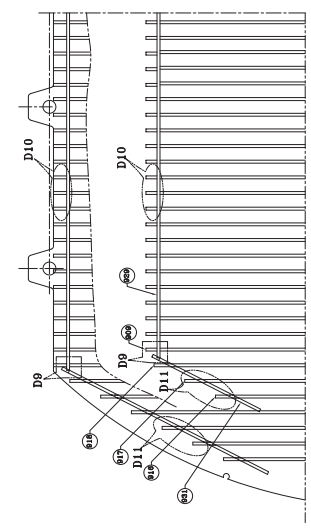
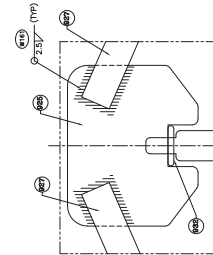
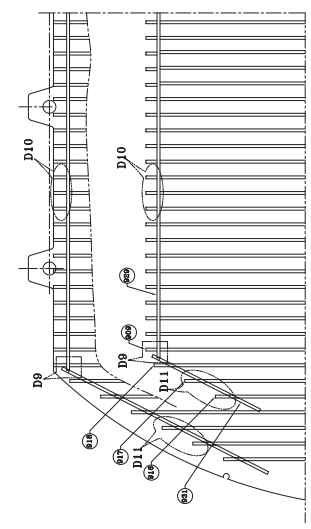
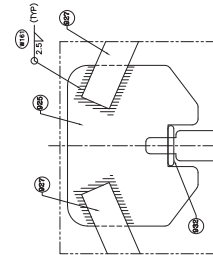
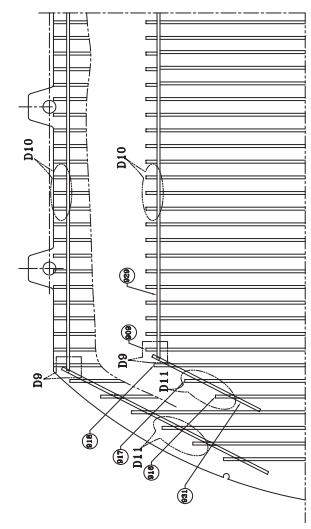
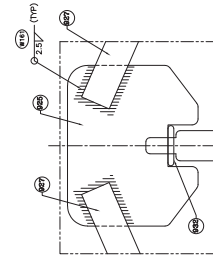
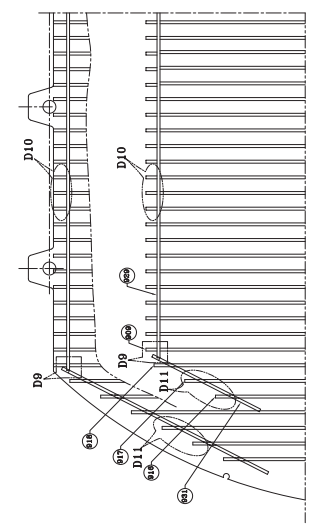
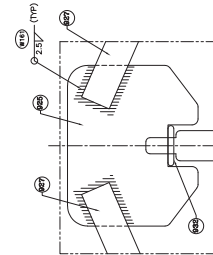
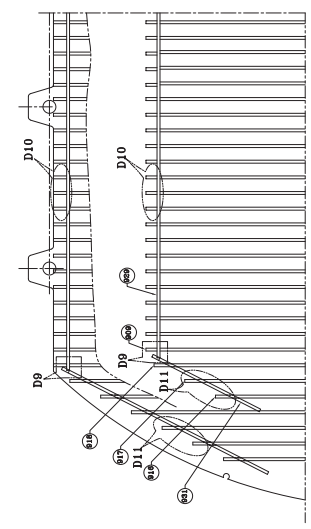
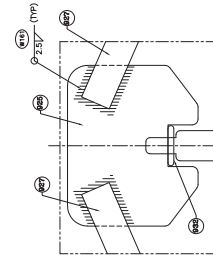
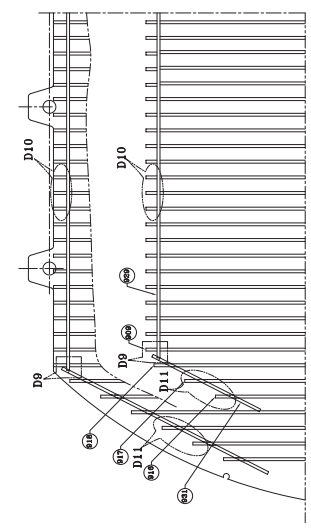
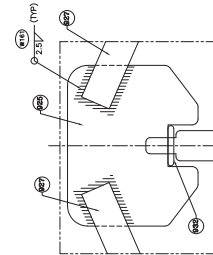
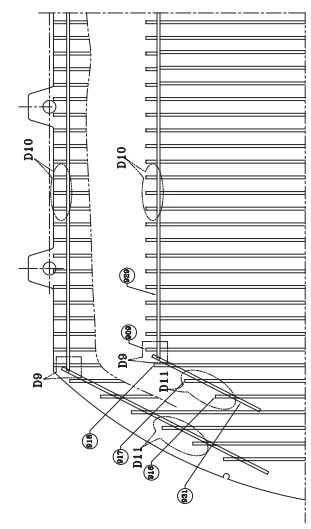
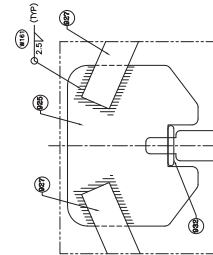
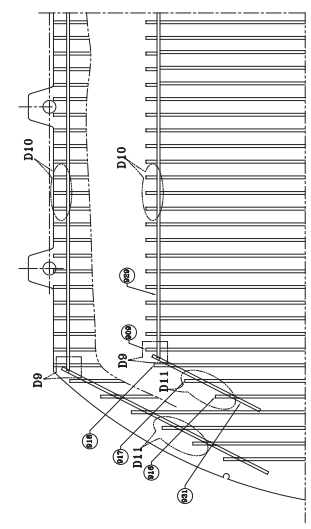
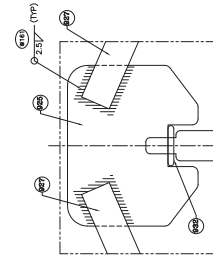
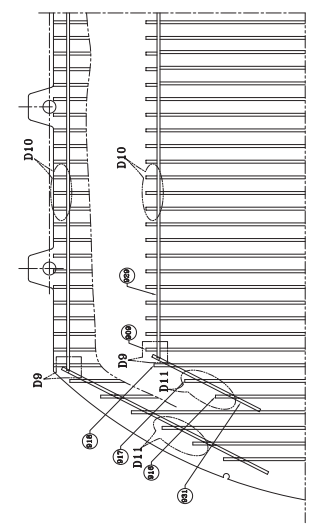
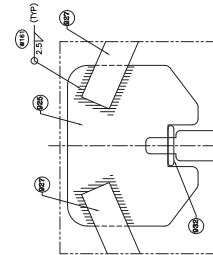
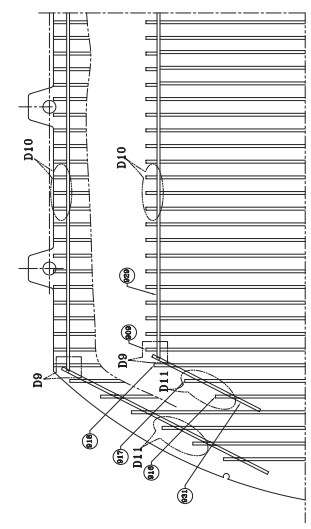
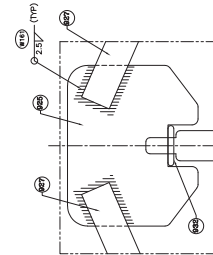
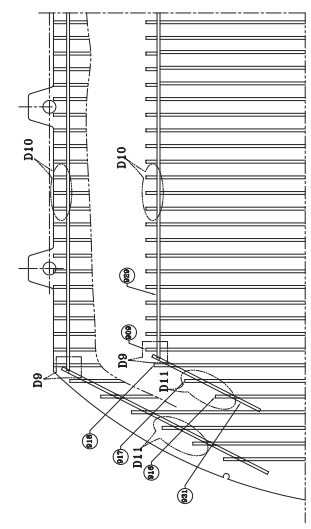
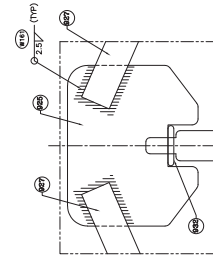
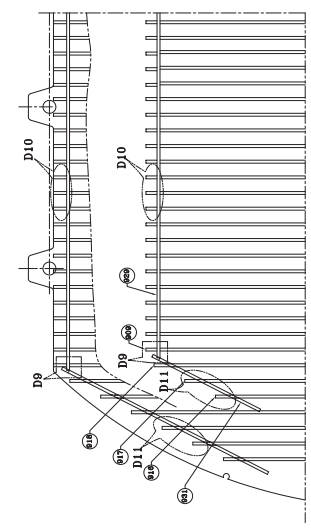
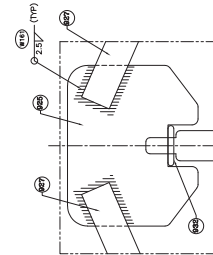
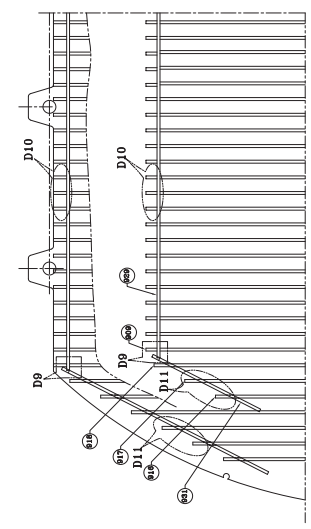
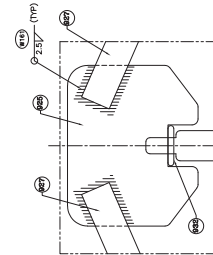
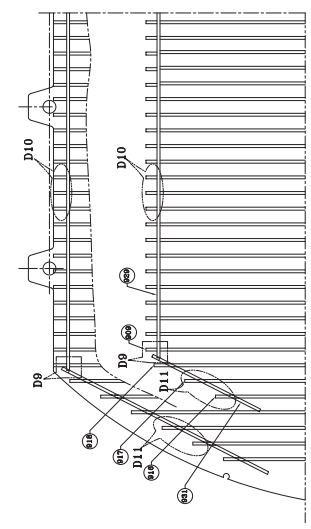
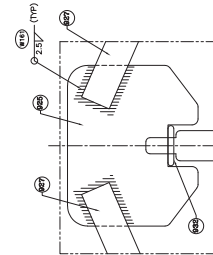
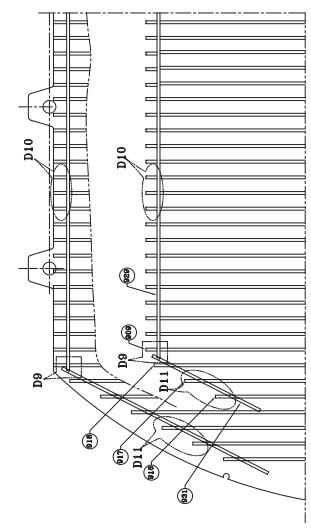
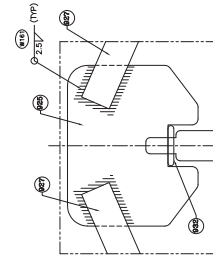
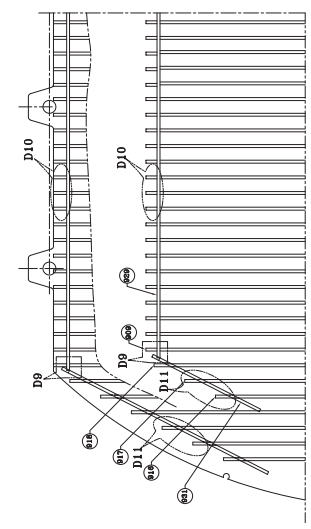
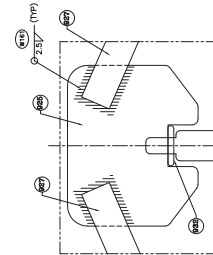
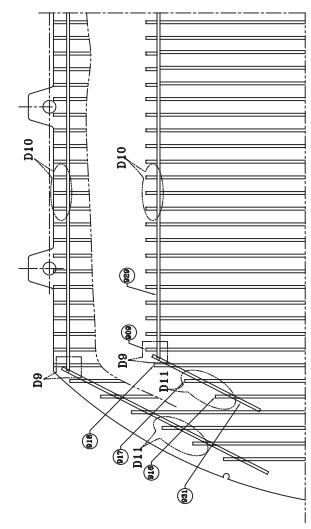
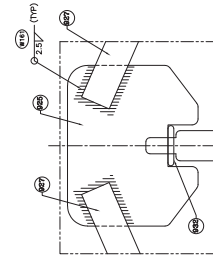
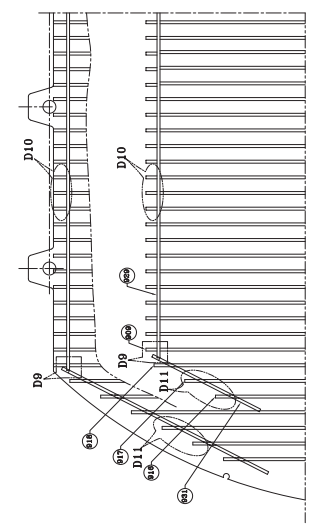
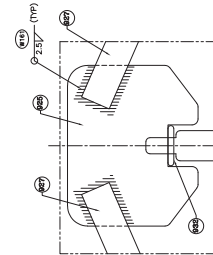
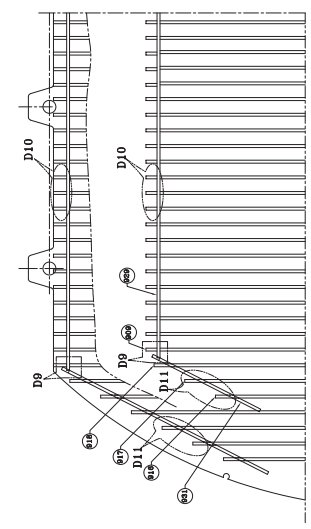
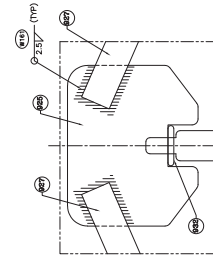
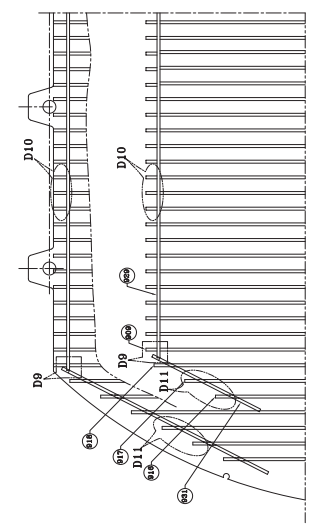
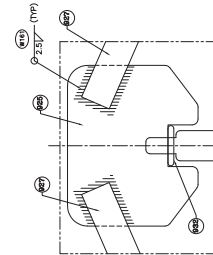
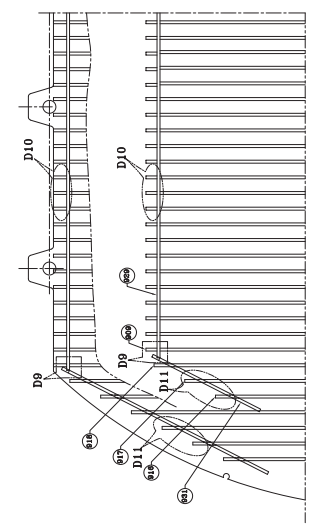
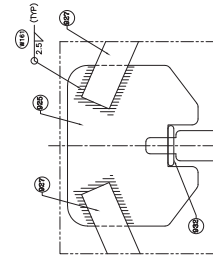
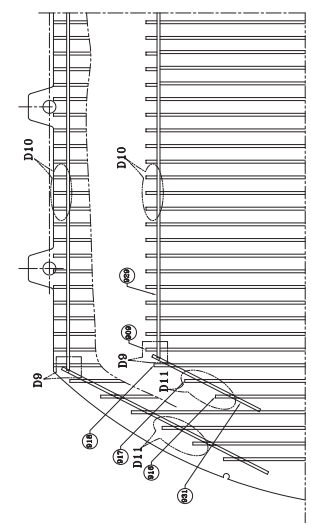
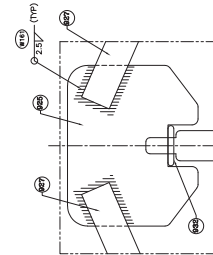
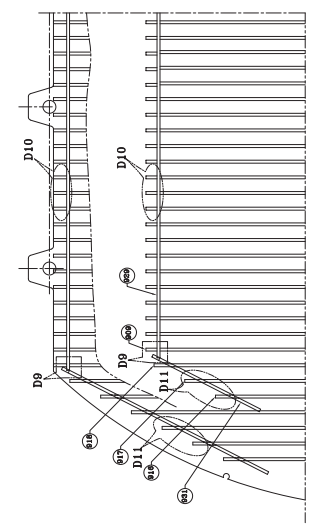
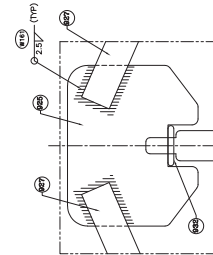
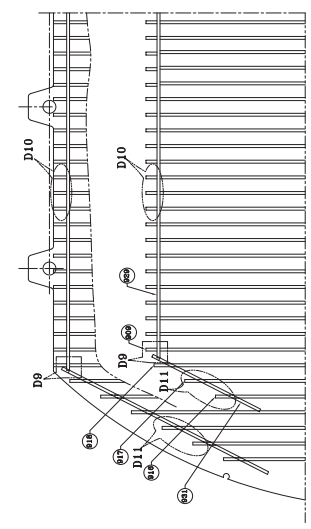
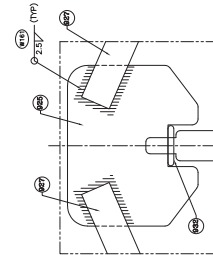
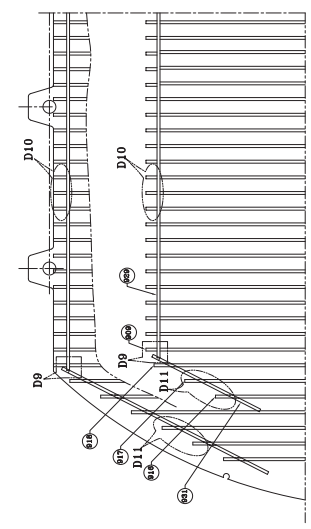
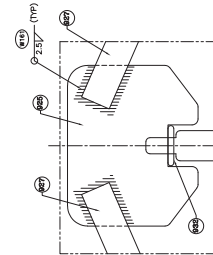
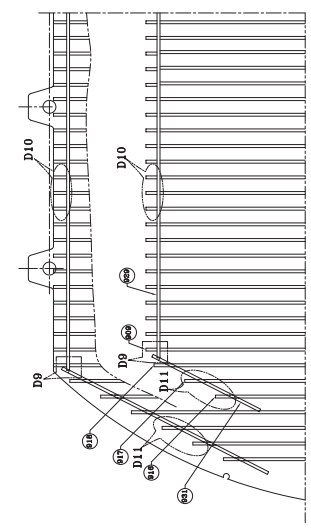
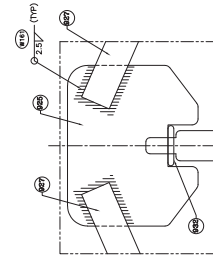
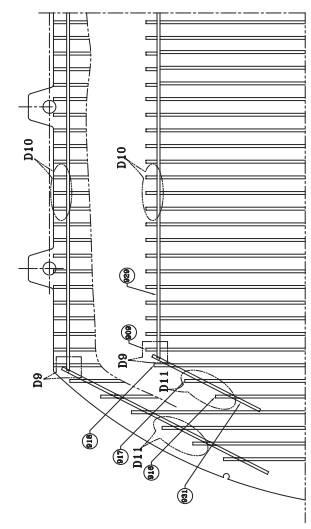
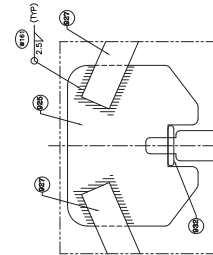
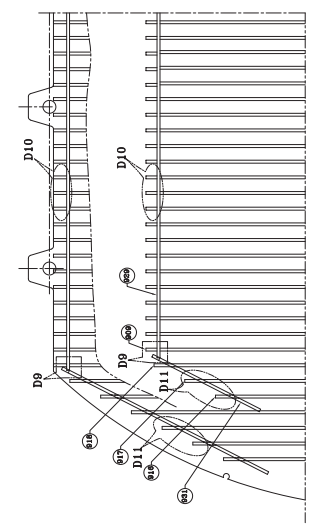
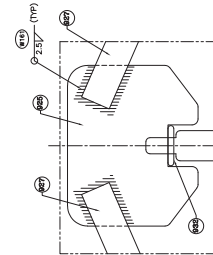
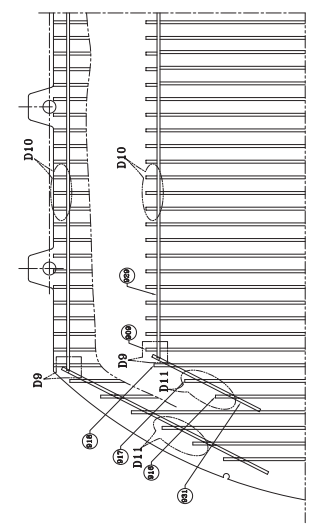
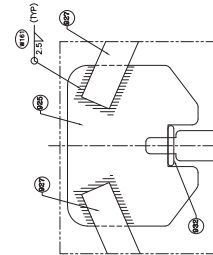
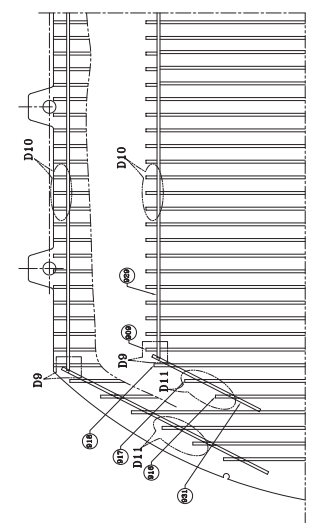
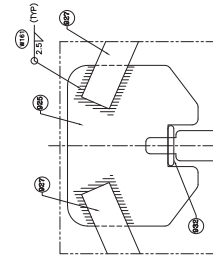
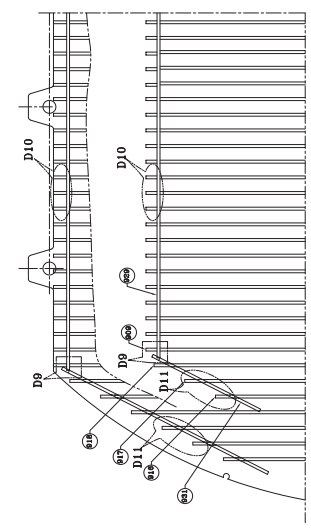
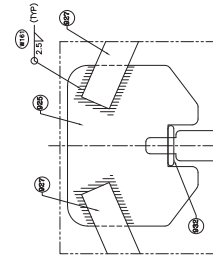
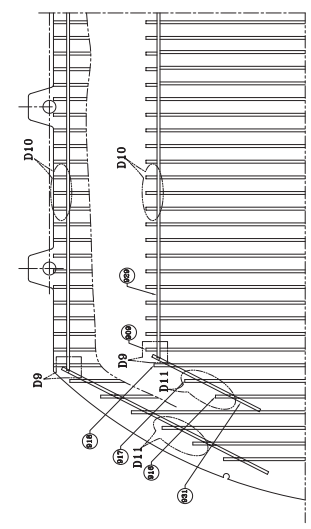
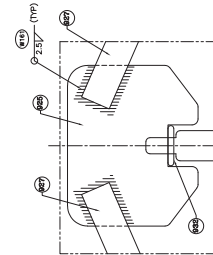
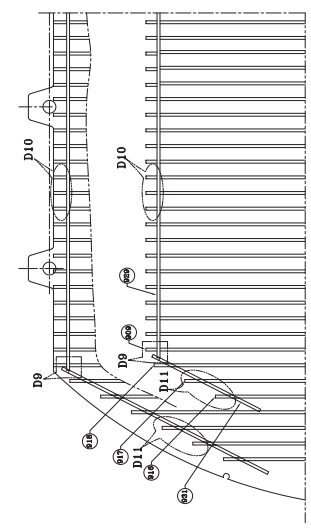
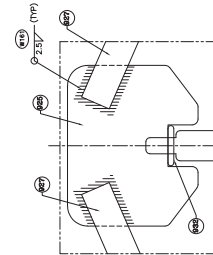
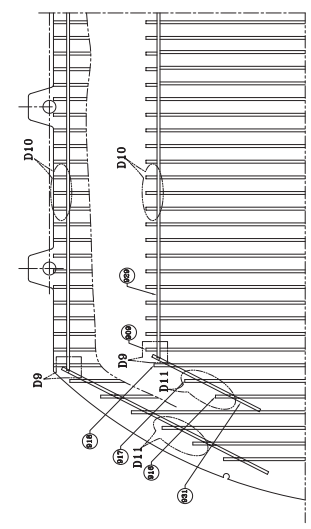
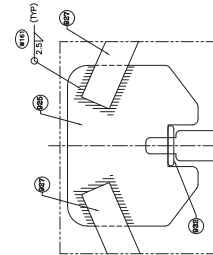
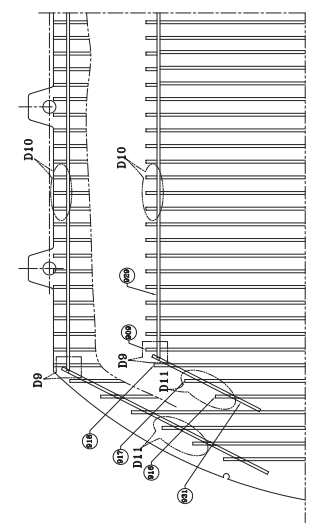
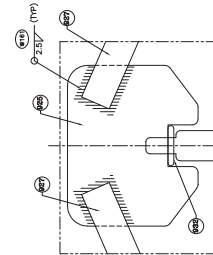
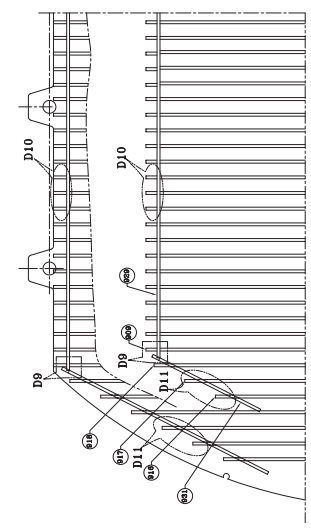
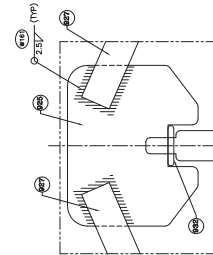
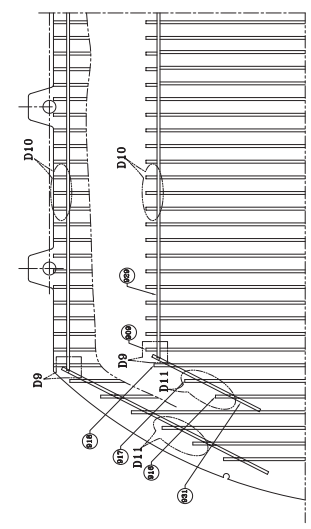
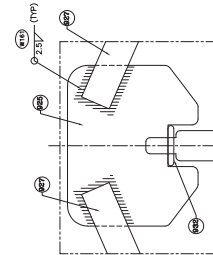
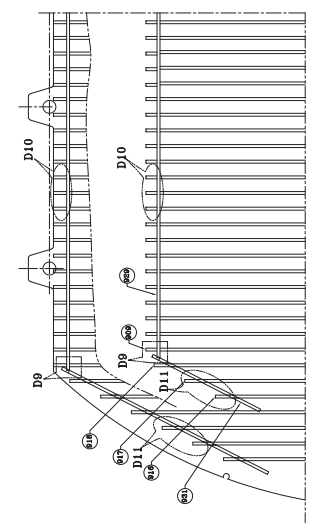
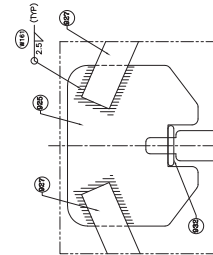
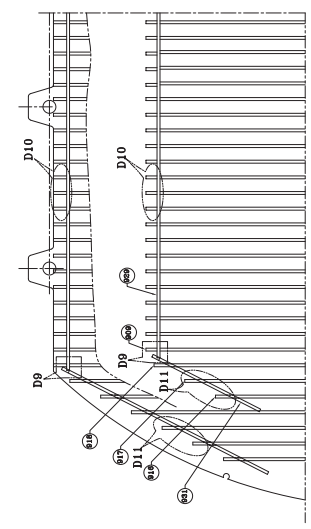
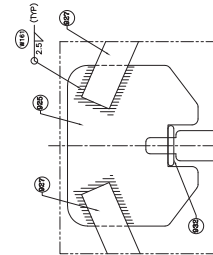
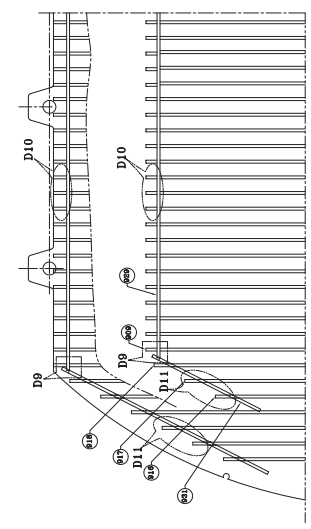
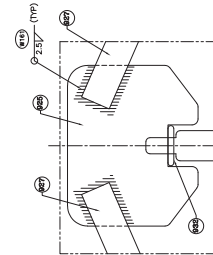
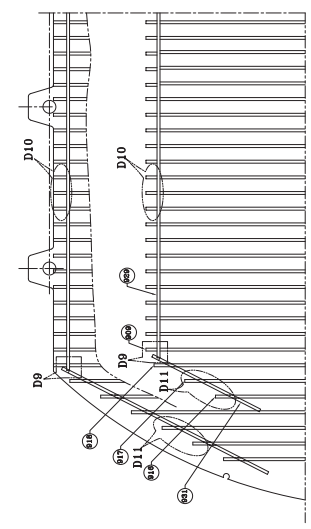
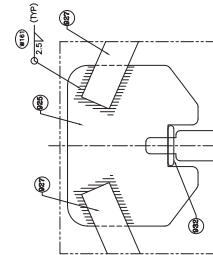
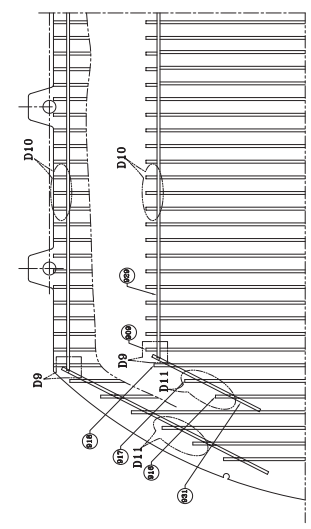
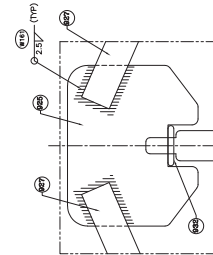
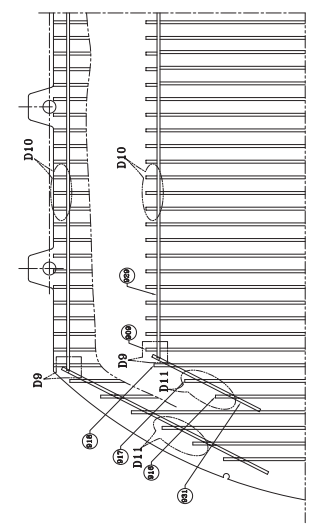
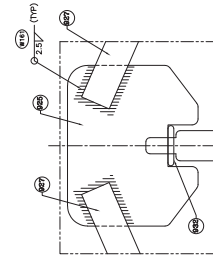
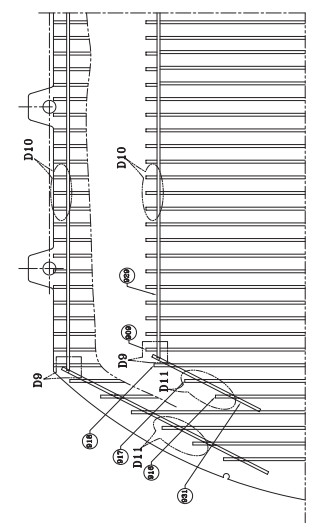
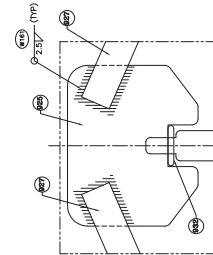
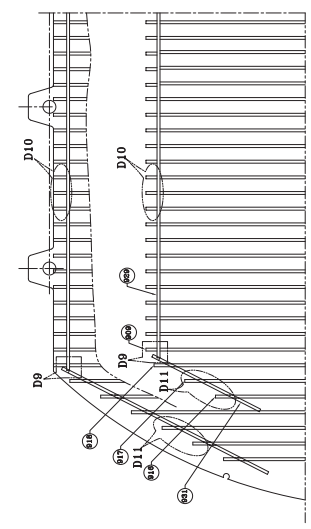
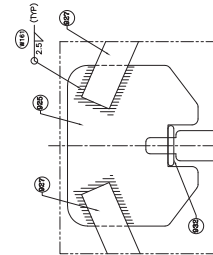
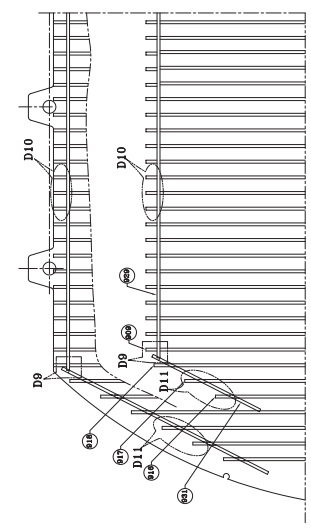
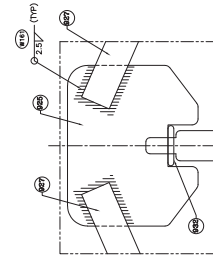
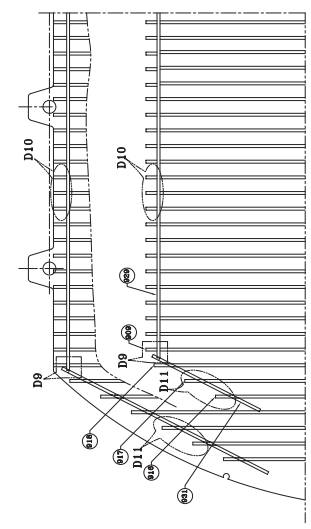
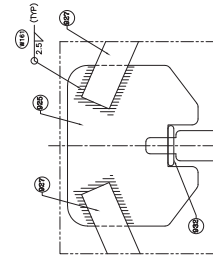
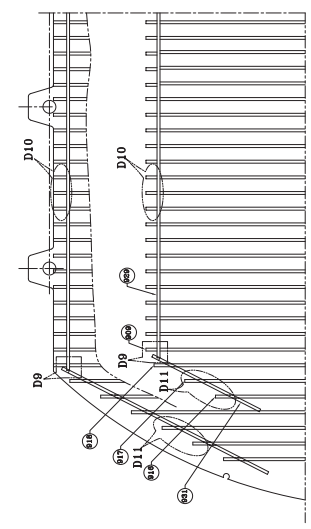
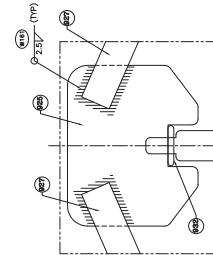
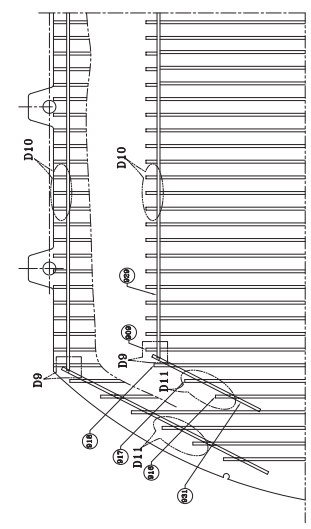
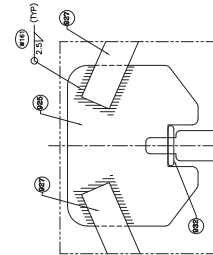
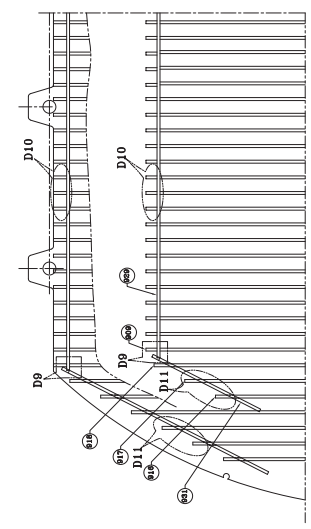
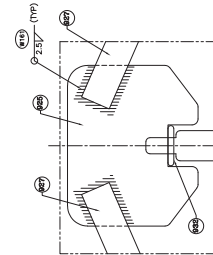
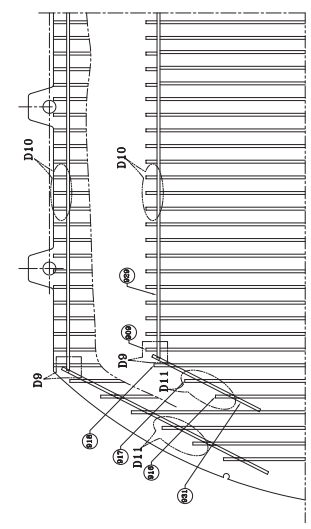
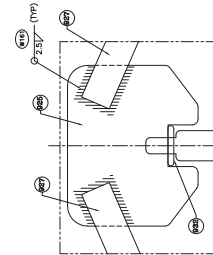
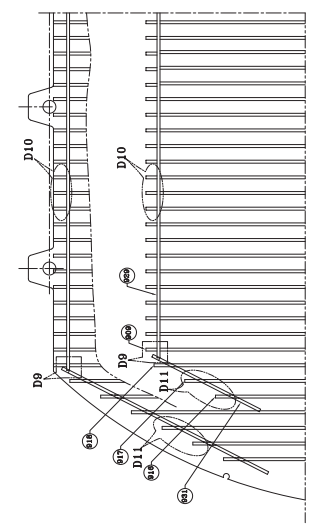
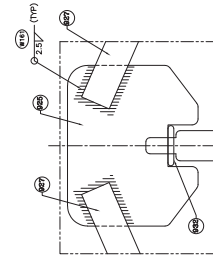
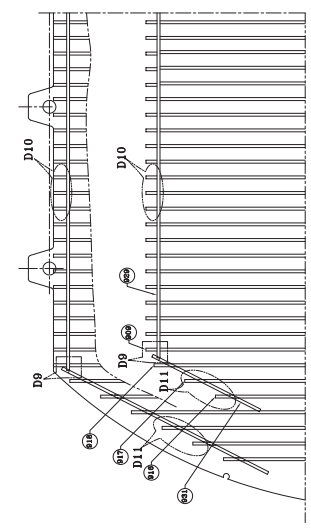
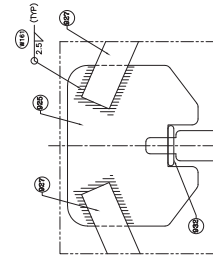
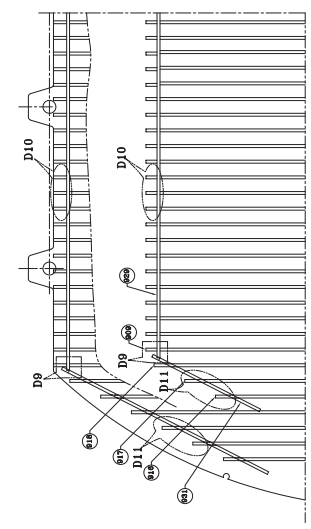
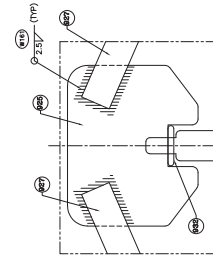
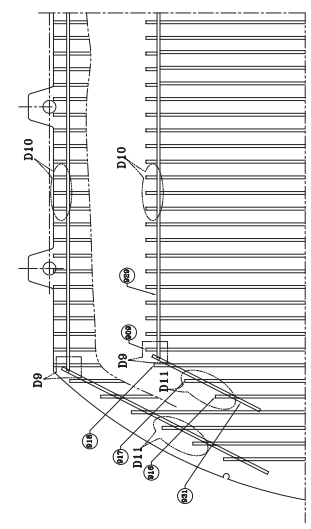
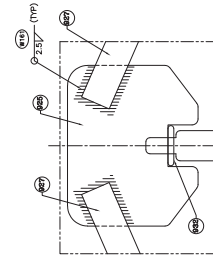
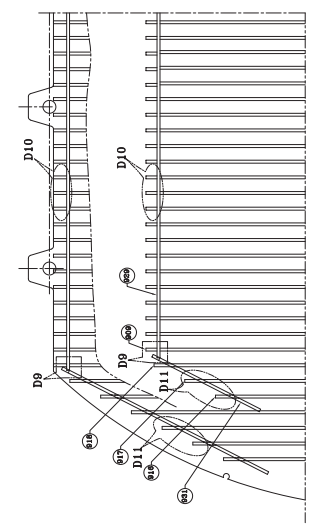
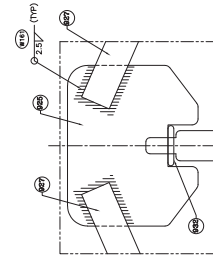
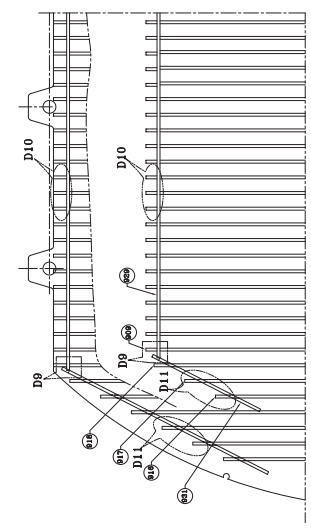
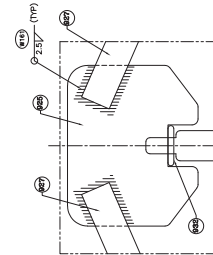
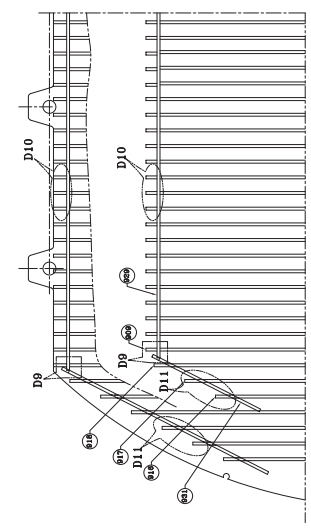
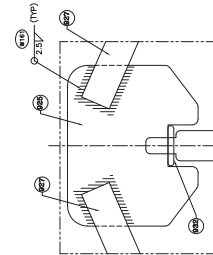
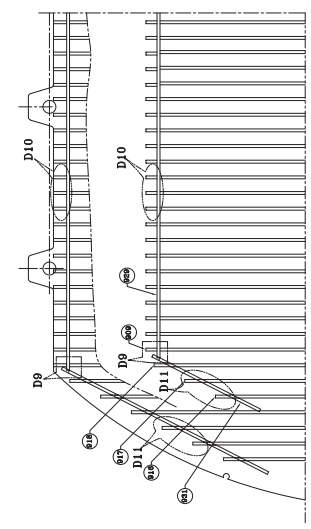
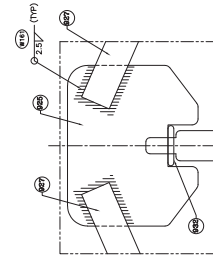
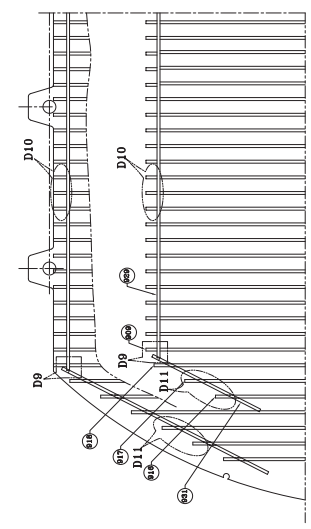
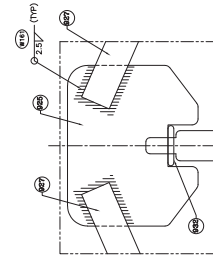
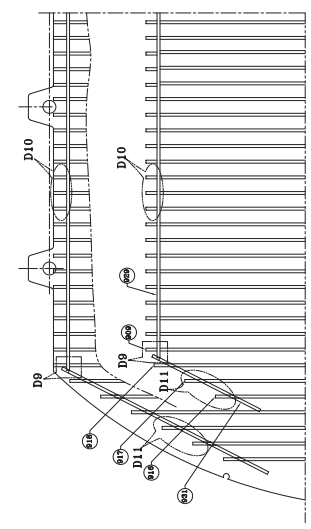
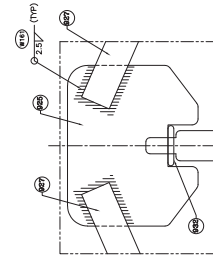
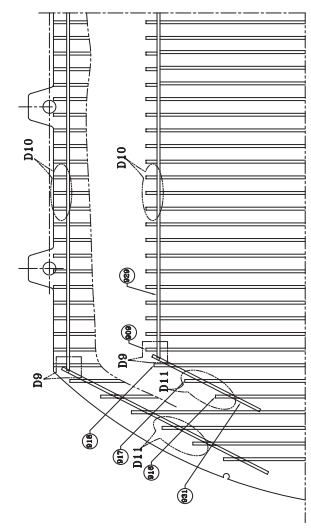
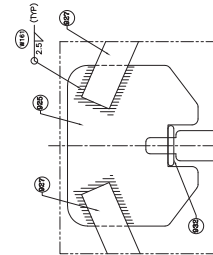
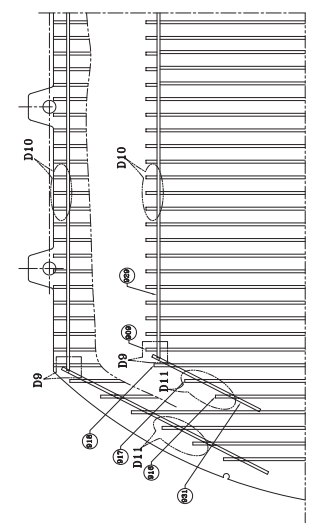
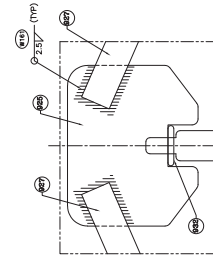
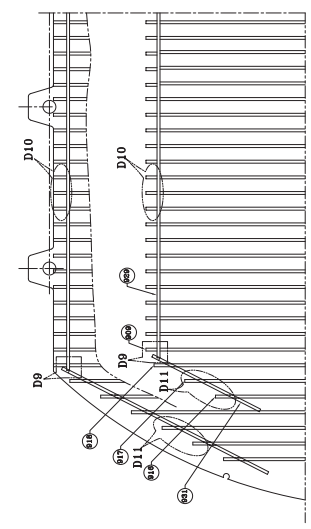
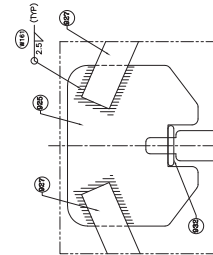
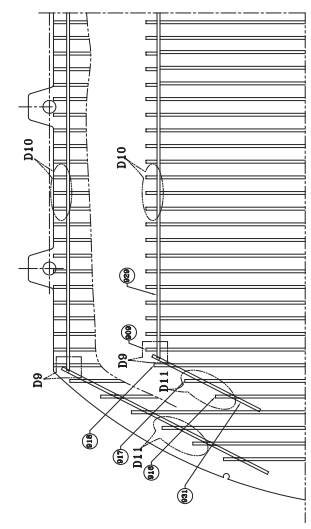
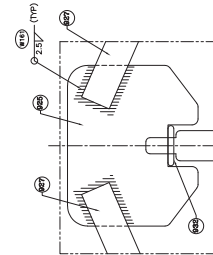
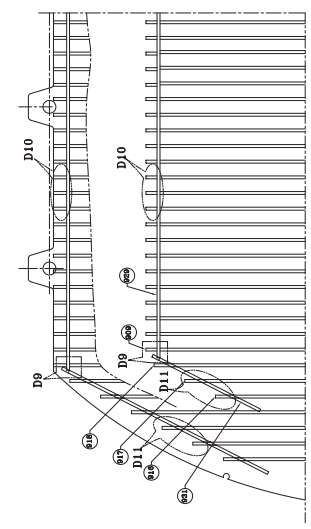
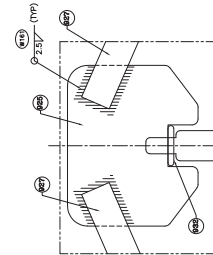
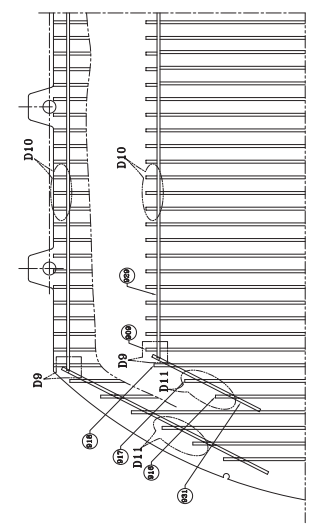
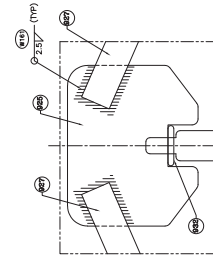
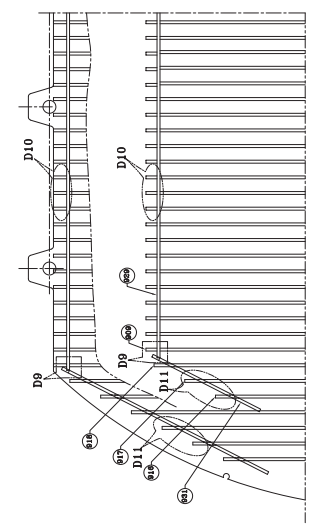
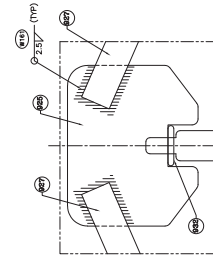
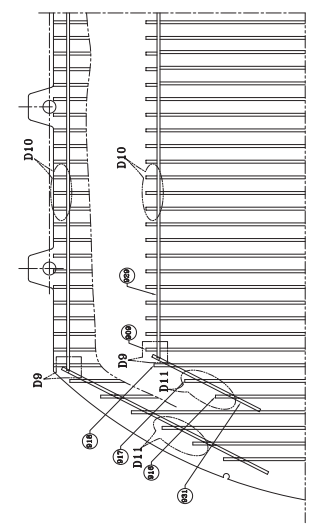
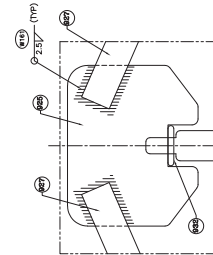
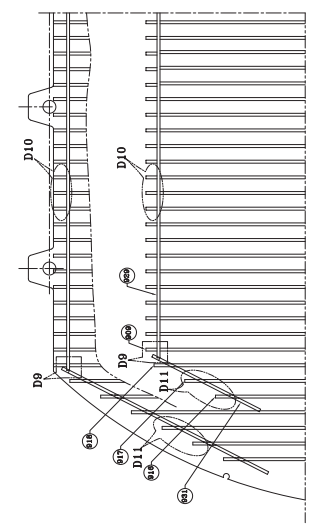
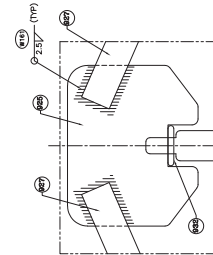
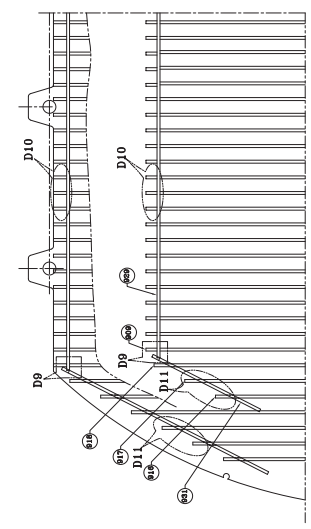
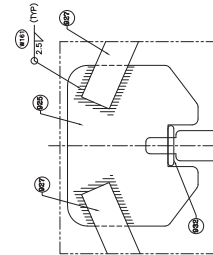
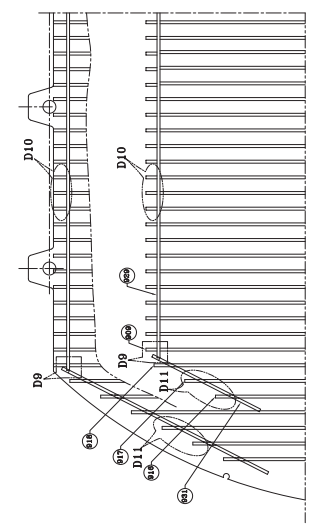
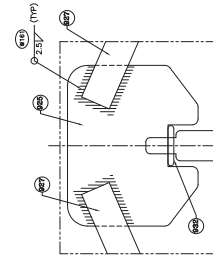
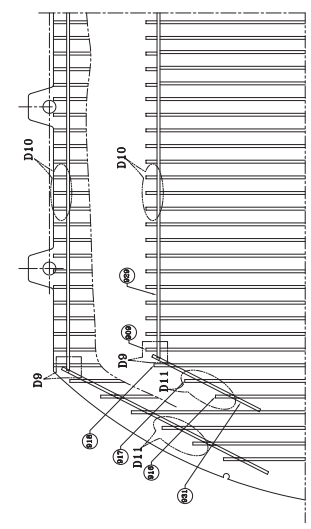
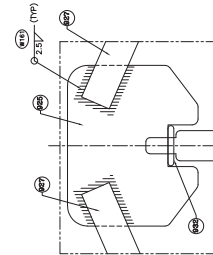
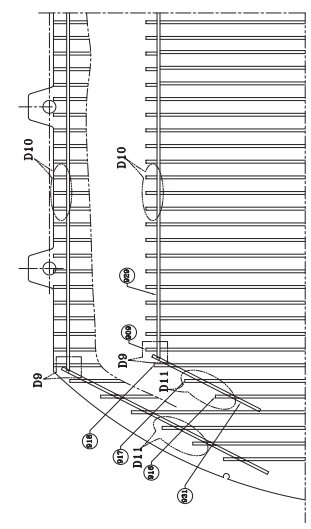
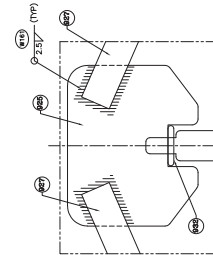
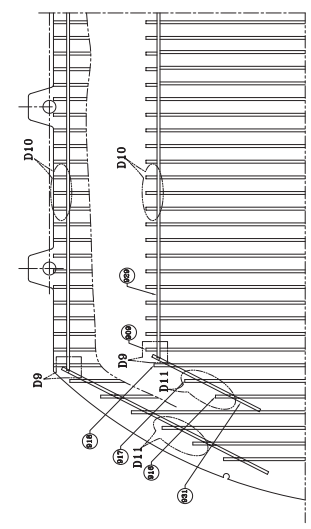
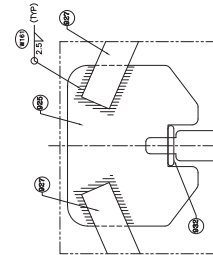
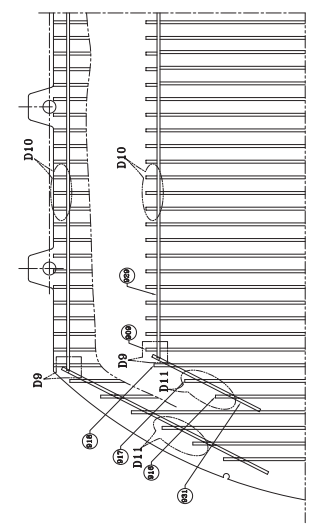
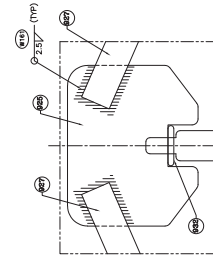
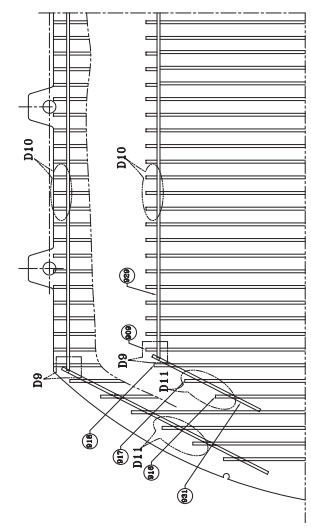
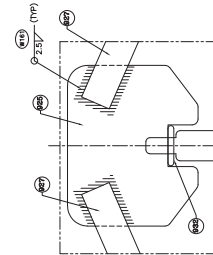
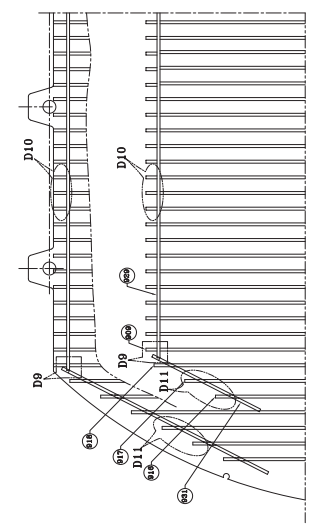
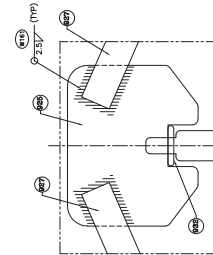
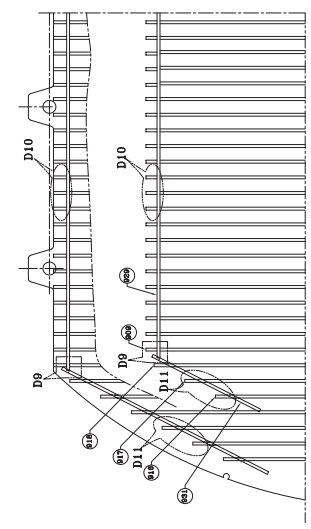
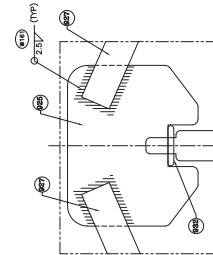
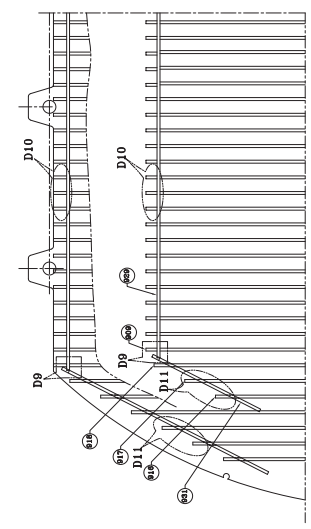
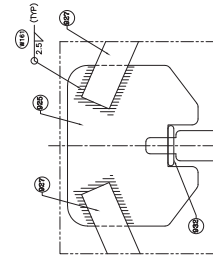
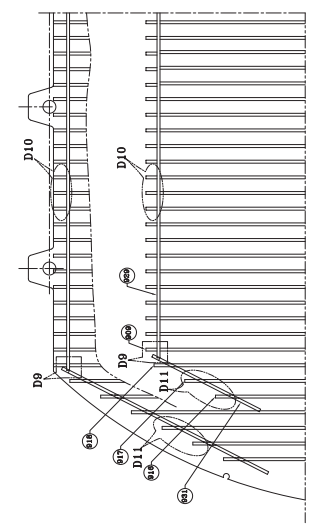
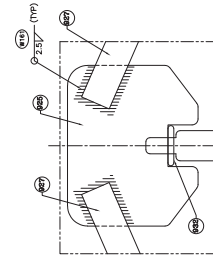
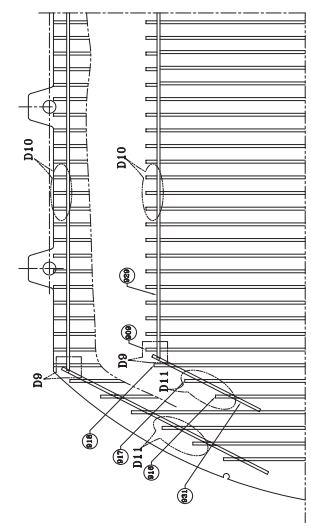
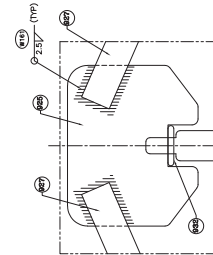
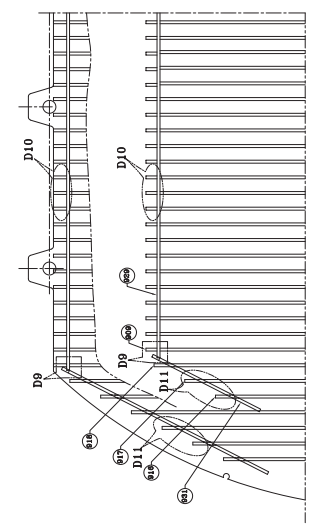
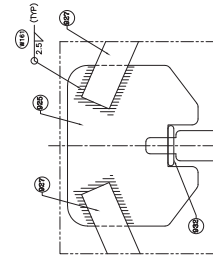
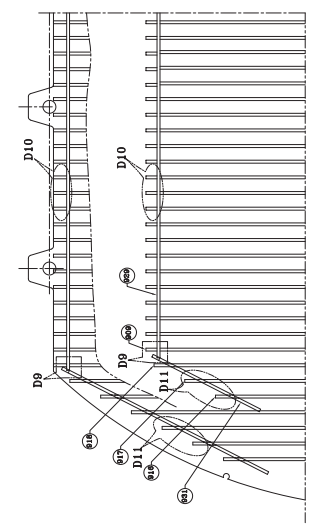
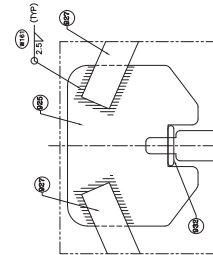
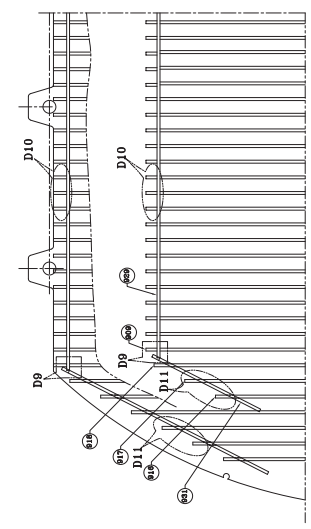
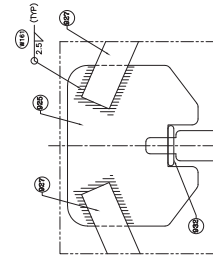
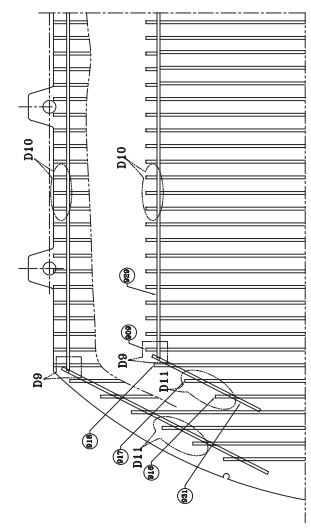
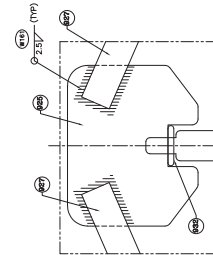
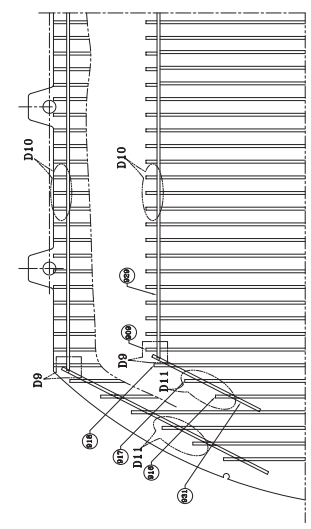
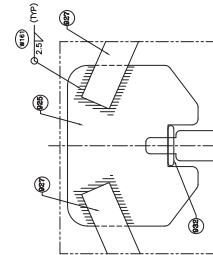
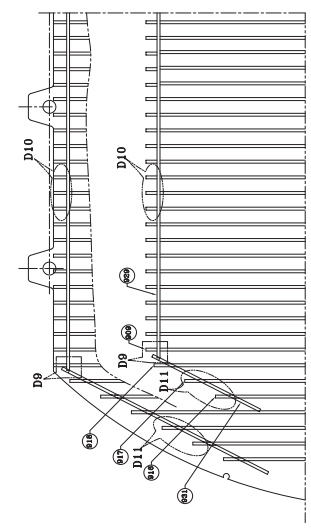
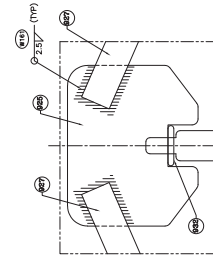
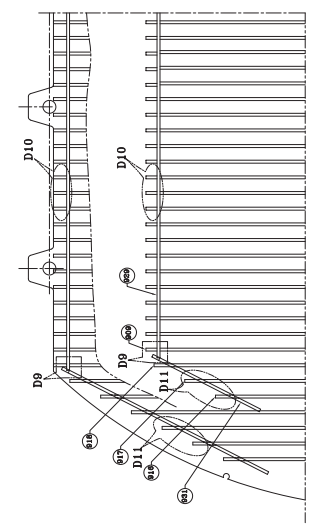
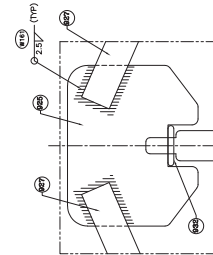
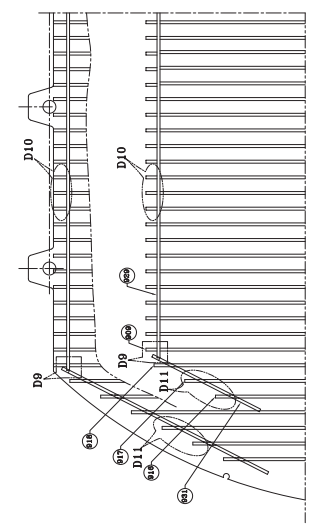
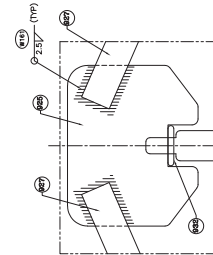
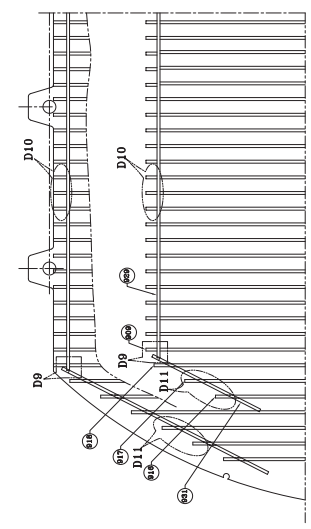
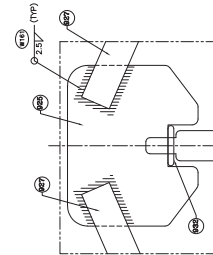
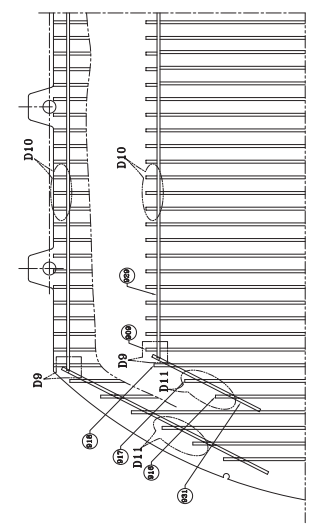
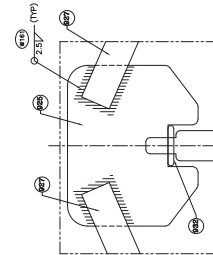
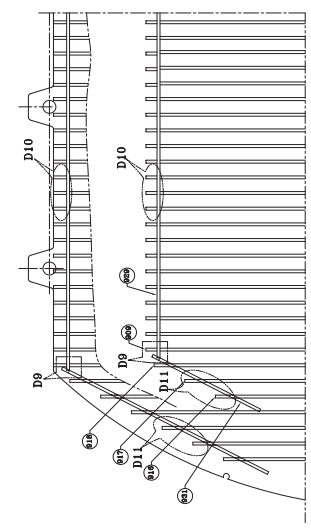
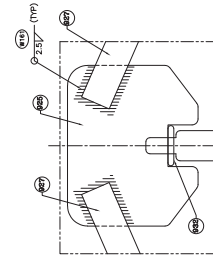
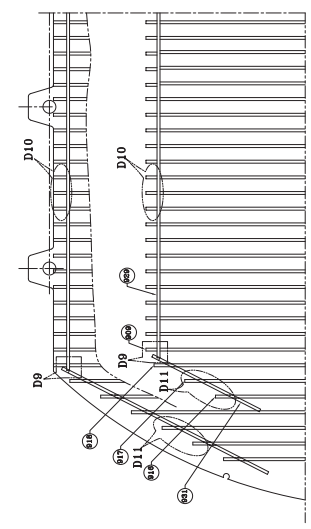
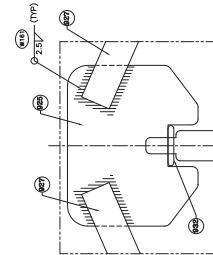
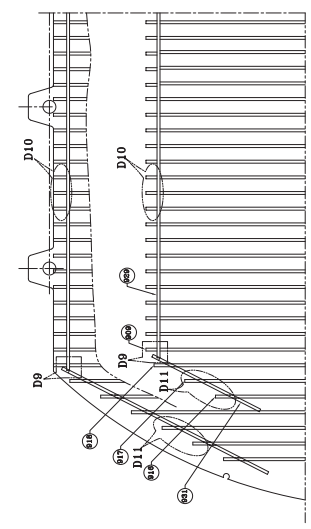
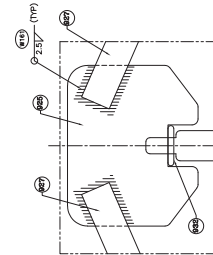
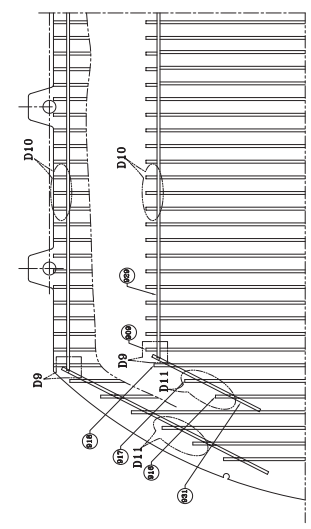
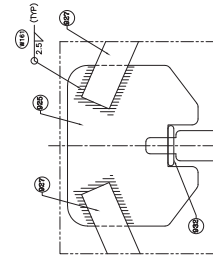
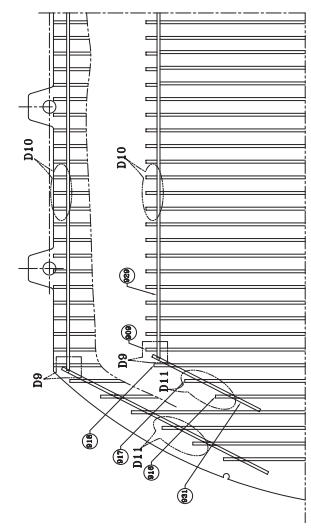
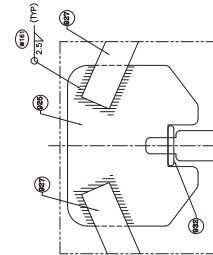
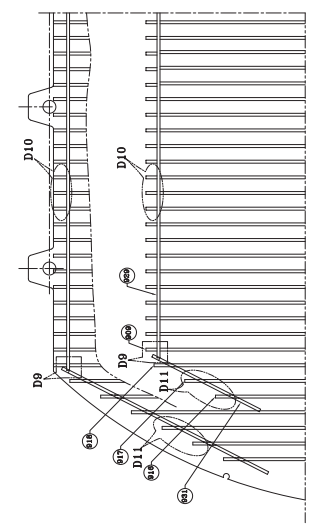
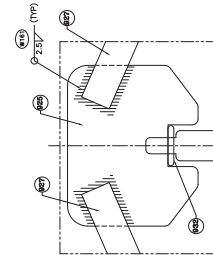
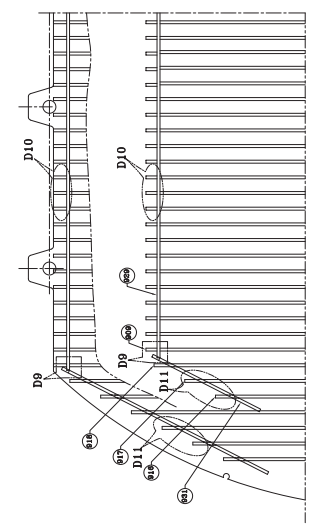
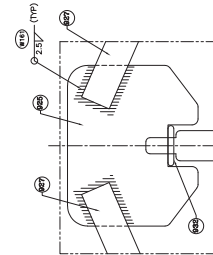
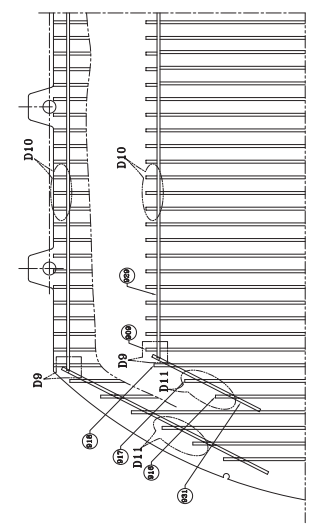
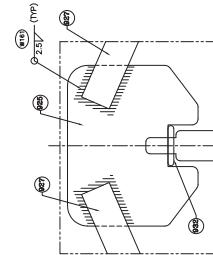
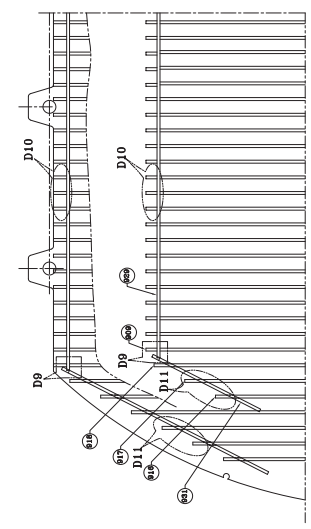
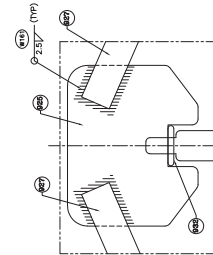
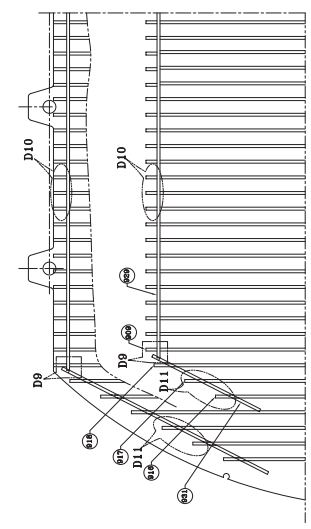
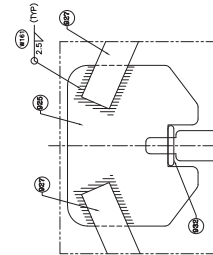
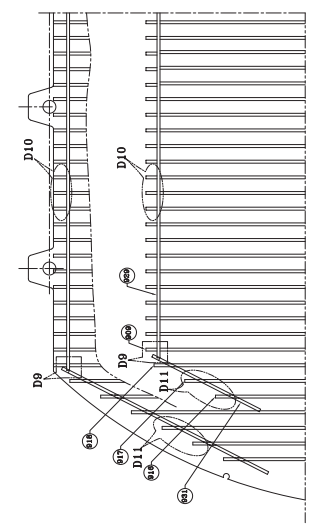
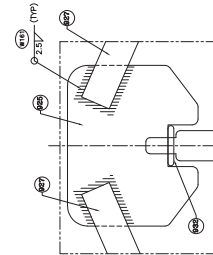
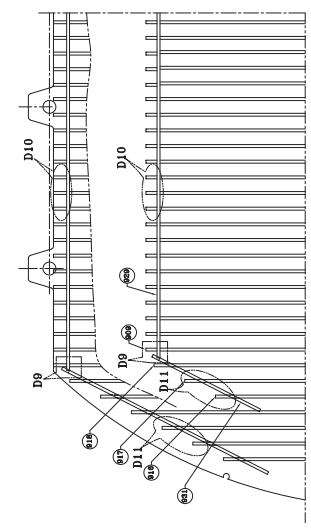
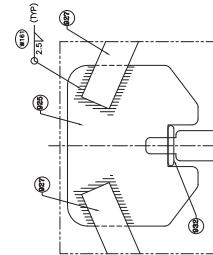
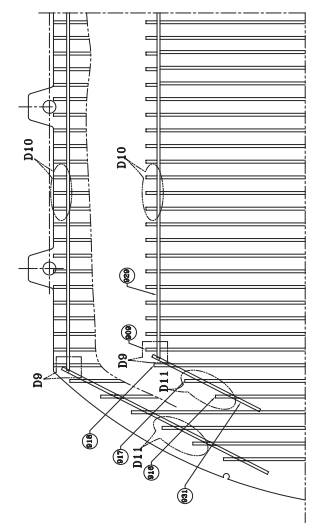
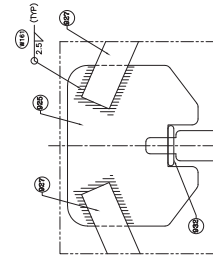
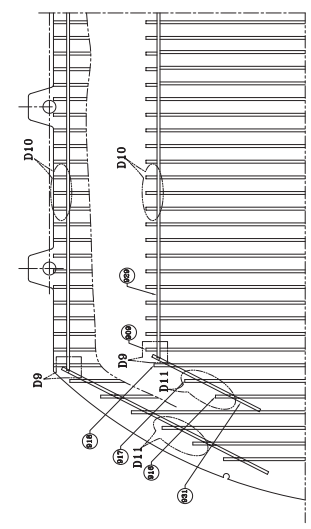
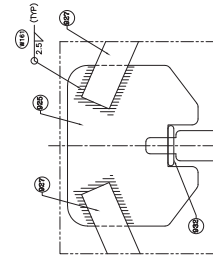
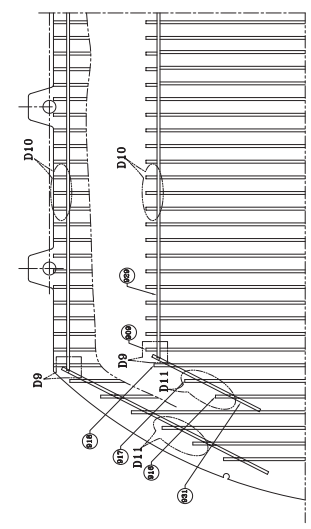
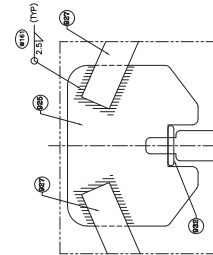
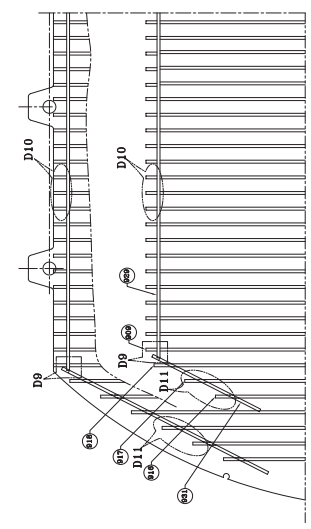
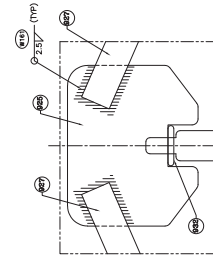
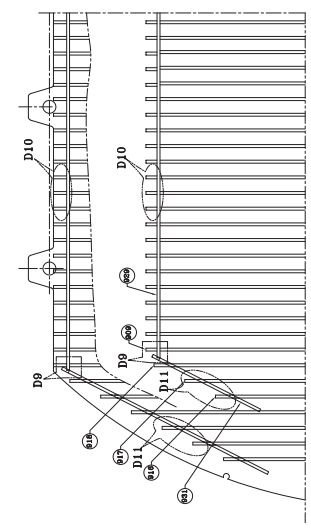
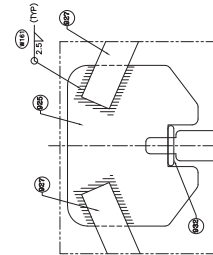
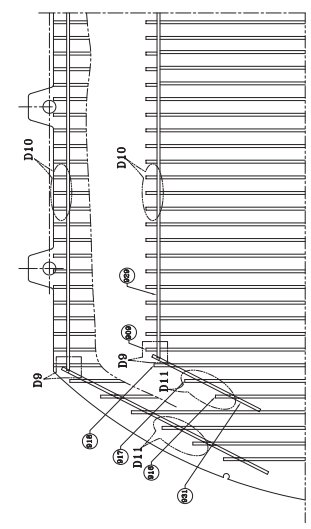
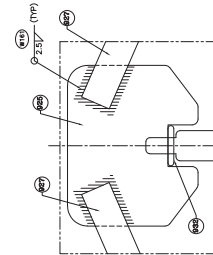
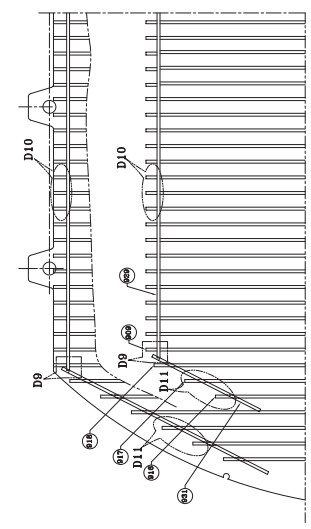
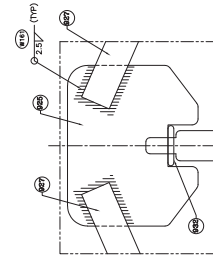
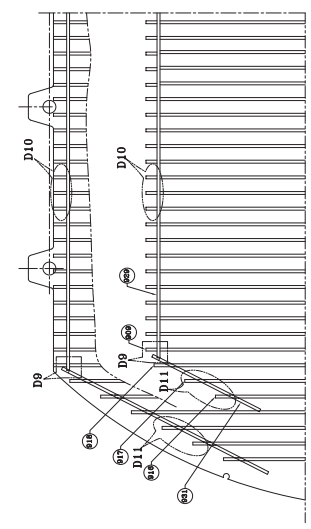
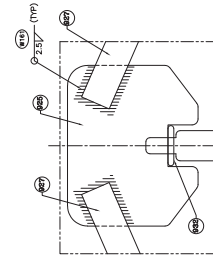
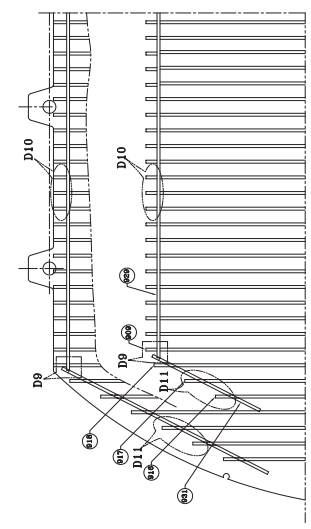
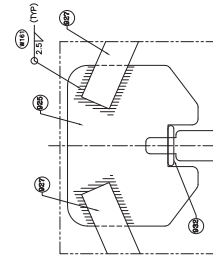
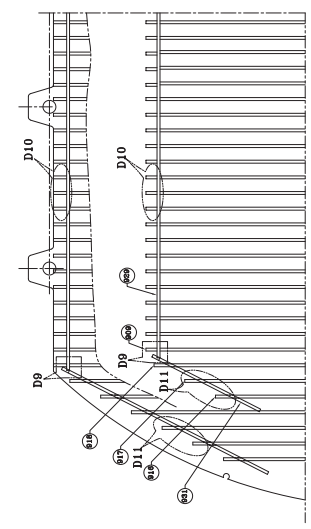
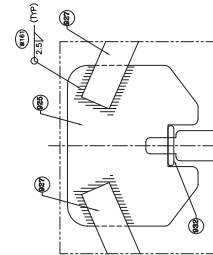
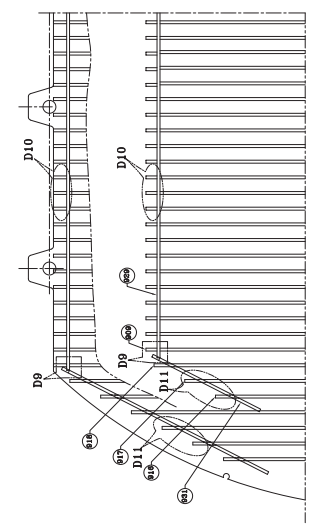
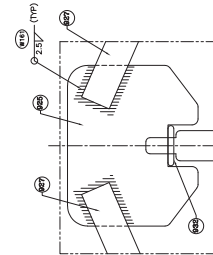
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902	170.5	157.5	307
903	220.5	184.5	307
904	220.5	184.5	307
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906	220.5	184.5	307
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Table with 4 columns: PMAO, L1, L2, # OF

PMAO	L1	L2	# OF
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907	220.5	184.5	307
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SECTION A-A



1-16503-40896



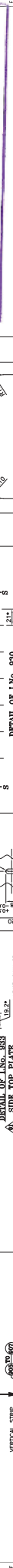
52.9

DETAIL OF VERTICAL BELT

19

6

13



SECTION 0-0 NOT LINES

85' 230

10' 4.1' 50'

80' 230

20
DETAIL OF INO 931 / 12
S. JAYARAMAN, CHIEF EXECUTIVE OFFICER


NUCLEAR POWER CORPORATION OF INDIA LIMITED

VIEW FROM '87'
VIEW FROM '88.

[illegible]


ZONE	= REVISION MARKED AS Δ			
	REV. TITLE
	DATE
	1-1000-10070			
	5742 Q/DRAWING NO.			
	REV. NO.			

[illegible]

		<h2 style="text-align: center;">QUALITY ASSURANCE PLAN</h2> <p style="text-align: center;">ITEMS: MODERATER HEAT EXCHANGER FOR 700 MW GHAVP UNIT 1&2 CUSTOMER: M/S NUCLEAR POWER CORPORATION</p>										QA PLAN NO.		QAX/TH/1479	
		Date		29-10-2020		Rev.		04		Page No.		8 of 31			
		Format of Record		Inspection Agency		Remarks									
		Sr. No.	Component & Operation	Characteristic	Class	Type of check	Quantum of check	Reference Document	Acceptance Norms	Inspection Agency	P	W	R	H	
2.4.5	Radius machining of Baffle plate holes.	Rounding of hole edge	Major	Visual and Measurements	100%	Approved drawing Drilling procedure	Approved drawing Drilling procedure	Inspection reports	2	2, 1	1	1	2 % holes per baffles randomly by NPCIL QS		
2.4.6	Drilling of hole for sliding rod.	Marking of locations & hole size	Major	dimensions	100%	Approved Drawing	Approved Drawing	Inspection reports	2	2, 1					
2.4.7	OD machining of baffles	measurement	Major	measurement & orientation	100%	Approved Drawing	Approved Drawing	Inspection Report	2	1, 2	-	1			
2.4.8	Checking of stacked baffle sets	Holes Matching	Major	Bar gauge Check-	100%	Approved Drawing / Procedure	Approved Drawing / Procedure	Inspection Report	2	2, 1	1	1	2 % holes randomly by NPCIL QS		
2.4.9	Pickling and passivation of baffles. (just before release for tube bundle assembly)	contamination, Cleanliness	Major	Visual	100%	approved procedure	approved procedure	Inspection reports	2	2	1	1			
2.5	TIE RODS, PIPES, BARS, SPACERS, ANTIVIBRATION FLATS AND FASTENERS.														
2.5.1	Inspection & Identification of Tie Rods, Pipes, Bars, Spacers, Antivibration Flats.	Chemical Composition and Mechanical Properties Other tests as per applicable spec.	Major	Co-relation & verify of MTC / Lab TC, all stage-wise records	100%	ASME Sec.III / II, / Approved TPS. / Drawing. / Approved MISTP	ASME Sec.III / II, / Approved TPS. / Drawing. / Approved MISTP	Certificate of compliance / SR/ MTC / Lab Report / Inspection Report duly endorsed by authorised QS	2	-	2, 1	1	1	1. Refer Note 1 2. Identification on item should cover heat no./Lot no./PO no./ Material grade /Monogram/ QS Stamp	
2.5.2	Machining and threading of Tie rod	Measurement	Major	Dimension	100%	Approved Drawing	Approved Drawing	Inspection Report	2	2, 1	-	1			
2.5.3	Machining of Spacers, Pipes, Antivibration Flats,	Measurement	Major	Dimension	100%	Approved Drawing	Approved Drawing	Inspection Report	2	2, 1	-	1			
2.5.4	Assemblies of antivibration flat assembly	Measurement	Major	Dimension	100%	Approved Drawing	Approved Drawing	Inspection Report	2	2, 1	-	1			
2.5.5	Pickling and passivation of Tie Rods, Spacers, Antivibration Flats assemblies.	Cleaning	Major	Visual	100%	Approved Procedure	Approved Procedure	Inspection Report	2	2, 1	-	1	1		

S.B.Dharmadhikari

NPCIL

		<h2 style="text-align: center;">QUALITY ASSURANCE PLAN</h2> <p style="text-align: center;">ITEMS: MODERATER HEAT EXCHANGER FOR 700 MW GHAVP UNIT 1&2 CUSTOMER: M/S NUCLEAR POWER CORPORATION</p>										QA PLAN NO.		QAX/TH/1479	
		Date		29-10-2020		Rev.		04		Page No.		9 of 31			
		Sr. No.	Component & Operation	Characteristic	Class	Type of check	Quantum of check	Reference Document	Acceptance Norms	Format of Record	Inspection Agency				Remarks
											P	W	R	H	
2.5.6	Inspection & Identification of Fasteners.	Material check,	Major	Co-relation with SRN	100%	ASME Section III / III / Approved TPS. / Drawing. QAP	ASME Sec.III / II, / Approved TPS. / Drawing. QAP	Certificate of compliance / SR / Lab Report / Inspection Report duly endorsed by authorised QS	2	-	2, 1	1	1	Separate QAP shall be Prepared base on Material specification and Manufacturing process	
		Surface quality	Major	Visual	100%	Approved TPS. / Drawing.	Approved TPS. / Drawing.	Inspection Report	2	2	-	1	1		
2.6	TUBE BUNDLE ASSEMBLY														
2.6.1	Preparation of skeleton structure	structure material	Major	visual, dimensions,	100	BHEL Drawing	BHEL Drawing	inspection report	2					Note : As structure of skeleton has imp. role in Tube Bundle assembly, BHEL shall prepare skeleton structure in such way that it will help in preparation of tube bundle assembly	
2.6.2	Inspection and release of Tube sheet assembly, baffles, tie rods, spacer tubes, Pipes, fasteners and Antivibration flat assemblies	Identification	major	verification of doc. inspection reports of previous stage	100%	Approved drg/ spec/procedures	Approved drg/ spec/procedures	inspection report	2	2	1	1	1		
2.6.3	Tube Material identification and co-relation	Chemical Composition Heat treatment, IGC, Grain size Mechanical Properties, Stress Corr. Crack test NDE (UT)	Major	Co-relation & Verification of MTC /Lab TC, and all stage-wise records as per appd. QAP	100%	Approved drawing/TPS/QAP	Approved drawing/TPS /QAP	Certificate of compliance / SR/ MTC / Lab Report / Inspection Report duly endorsed by authorised QS	2	2	1, 2	1	1	Separate QAP shall be prepared For Tubes	
		Surface quality & Dimensional check		Visual and Measurements	100%	Approved Drawing	Approved Drawing	Material Identification Report	2	2	1, 2	1	1	Identification on item should cover heat no./Lot no./PO no./Material grade /Monogram/ QS stamp Refer Note 1	

13-11-2020

NPCIL

S.B.Dharmadhikan

BHEL



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India undertaking)

"Marching Towards Business Excellence"

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Special terms and conditions TENDER DOCUMENT FOR ENQUIRY

ANNEXURE-I

For Labour Basis Jobs (Machining) for 28/68 Buying group and General terms & conditions are also applicable as per BP -200102 for indigenous vendor already available at B-2-B website of BHEL Bhopal internet webpage .

Techno commercial annexures for labour basis/Job work job/Mixed basis

Section – A

1. Scope of Work:

- a. Scope of work shall include completion of all the works / operations as per BHEL drawings, inspection of the material and delivery of the goods to BHEL stores in accordance with the drawings specifications, technical scope, QA plan, annexure & other relevant documents etc .
- b. Technical scope is only for guidance and not exhaustive. Supplier has to take all necessary care and deliver the item to satisfy relevant quality standard applicable for such product.
- c. All required materials and / or components to be issued as free by BHEL under rule-55(1)-(B),(C) and (D) of central goods and service (CGST) rules 2017 against valid Bank Guarantee.
- d. **Before start of manufacturing vendor to confirm latest revisions of Drawings, painting specification & QA plan (if any) in writing from Indenting deptt. or Concerned Engineering deptt .**

2. Bank Guarantee (BG) clause for labour basis/mixed basis jobs :

The raw material /components/sub assemblies listed in enclosed free-issue material statement ("A" form) for the item(s) described in enquiry, shall be issued as Free Issue Material (FIM) by BHEL under rule-55(1)-(B),(C) and (D) of central goods and service (CGST) rules 2017 against valid Bank Guarantee, to be furnished covering cost of material proposed to be issued. Cost of any other inputs shall be borne by the supplier and are deemed to be included in the scope of supply/quotation. In case issual of material gets delayed because of non-submission of BG, BHEL reserves the right to cancel the order.pls refer b 2 b site for full details for new BG system 2016. A declaration to be submitted for balance value of free issue items & solvency certificate to be submitted.

In case of order, the vendor would be required to furnish Bank Guarantee (BG) as follows, if not stated otherwise in the main Enquiry.

Note: - The BG is to be furnished in prescribed Performa and from BHEL approved Banks only (available with ASC division & hosted in B-2-B website of BHEL Bhopal).

Note: - The BG is to be furnished in prescribed Performa and from BHEL approved Banks only (available with ASC division & hosted in B-2-B website of BHEL Bhopal).

a) Bank Guarantee for free issue material to sub-contractor. (as per sample form no BP 205514 – Annexure XIV)

The free issue material are classified into 3 categories as follows for BG purposes:

Category A : Normal material of MS ,SS , HSS , CRGO & CRNGO etc. for machining, fabrication and lamination purpose and copper sheets for welding to transformer tank.

Category B: High value item e.g. Thermal blades, Turbine runner, Liners and Labyrinth for HVOF coating etc.

Category C: Very high value items like copper for moldings of conductors, silver for soldering etc.

Bank Guarantee Valuation



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India undertaking)

"Marching Towards Business Excellence"

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Special terms and conditions TENDER DOCUMENT FOR ENQUIRY

For category 'A' items as per above, Bank Guarantee to be taken for 10% of the highest balance of MWF value (taking into account both PMIV & SMIV held by fabricators). Highest balance shall be reckoned as the MWF value appearing at the end of each month starting from January to December of the previous calendar year.

For Category 'B' items as per above. Bank guarantee to be taken for 10% of the highest below of MWF (taking into account both PMIV & SMIV held by fabricators) and based on the highest balance of MWF value, appearing of the end each month starting for January & December of the previous calendar year, or value of material to be issued, whichever is more.

For Category 'C' items as per above, Bank Guarantee shall be taken for 100% value of material.

The minimum Bank Guarantee shall be for Rs. 1.0 lakh only.

For First time vendors under Category "A" and "B", where development enquires are issued, the Bank Guarantee shall be 30% value of free issue material subject a maximum BG of Rs. 30 lakhs.

Under Category "A" and "B", when enquires are issued simultaneously to new & established vendors, a uniform BG 10% value of free issue material shall be insisted upon.

- a) All vendors have to necessarily submit "Undertaking for Free Issue Materials", as per sample form no. BP205515 (annexure XV)
- b) All vendors have to necessarily submit "form for solvency certificate" as per sample form no. BP205516 (annexure XVI)

Kindly refer B-2-B vendor portal website of BHEL Bhopal for further details of GTC, BG and solvency certificate.

3. Rates:

- a. Rates should be quoted in the unit mentioned in the enquiry, exclusive of taxes & duties but inclusive of desired/specified packing and to & fro transportation charges for delivering the completed job to BHEL Bhopal. Payment of all taxes if any for transportation of free issue material from Bhopal to the works of the supplier is to be borne by the supplier.
- b. All applicable Duties & Taxes, which BHEL is required to pay should be clearly declared.
- c. **Rates shall remain firm** basis and not subject to any variation / escalation during the period of contract on any account. The quoted rates should not be linked with quantity to facilitate part orders.
- d. Rates should be valid for ordering for 90 days from the date of tender opening. Offers received with validity period less than 90 days shall not be considered.

4. Scrap /Swarf clause: Scrap to be retain by vendor on chargeable basis. Cost of scrap and GST on scrap shall be recovered from vendors bills hence it is requested to pls. keep note while submitting your quotations. Scrap generated during the machining operations shall be retained by the vendor (treated as deemed sales). BHEL, however, would recover the cost of scrap and GST extra as applicable on scrap and other applicable tax from the vendors in lieu of scrap retained by them. For this purpose, scrap selling rate shall be taken as Rs 74.8/- PER KG. The difference between the raw material weight (R/W) and finished weight (F/W) would be taken for determining the quantum of scrap generation.

5. GST as applicable on labour basis job.

6. Free-Issue-Material (FIM) will be issued by BHEL under rule-55(1) - (B),(C) and (D) of central goods and service (CGST) rules 2017 and the vendor will have to return the Duplicate/



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Transporter/Green copy of excise challan to BHEL after value addition along with supplies along with supply/ the stipulated period as per GST rules. Failing which, the cost of material including GST paid by BHEL may be recovered from the vendor at the applicable rate. Moreover, overhead charges may also be deducted

- 7. No rejection allowance is permissible.**
- 8.** Supplier should indicate the supply capacity per month and delivery schedule, in No. of days/weeks/months (as the case may be) meeting enquiry requirement.
- 9.** Dimensional report TC, GC etc. as the case may be, to be furnished along with the supply. Machined items must be protected properly to avoid dent or damage during handling/transportation. TRP to be applied in each item.
- 10.** Quotation should be valid for minimum 90 days from the date of opening of tender.
- 11.** Purchase order can be issued for part quantity / item / item wise L1 basis, if not specified otherwise in the enquiry.
- 12.** The vendor shall produce the free-issue-material supplied to them to BHEL officials visiting vendor's unit for verifications/ inspection purposes at any time. If vendor fails to produce or properly account for the material so issued, BHEL will take further action as deemed fit including the recovery of the value of material as per BHEL norms from vendor bills & BG.
- 13. Splitting of order quantity :** BHEL reserves the right to split the ordering of tendered quantity. We need suppliers as mentioned in the Enquiry NIT for execution of this work. Hence your offer should be valid for part quantity also. L1 rates shall be counter offered to L2 and so on vendors if no other vendor accepts counteroffer total qty. shall be given to L1 vendor.

The merit rank would be based on their standing position in RA or price bids (THIS CASE RA SHALL BE DONE). Above percentages are approximate figure. All quantities will be rounded off to nearest whole number. Other than L1 vendor shall be counter offered at L1 accepted rates and on acceptance of same by them, order shall be split as above. In case of non-acceptance of counter-offer by vendor as above, counter-offer process shall be repeated with other vendors in the order of their merit in the comparative statement of prices obtained through Part-II or RA. If we do not get sufficient vendors in final bidding of RA, then ranking of vendors will be picked from initial / dynamic bidding in order of their merit for counter offer purpose. Following are to be noted herein:

- a) No supplier must refuse the less quantity allocated.
- b) Additionally BHEL also reserves the right to revise the tendered quantity downward with or without split ordering as above
- c) In case any of vendors L2 do not accept the counter offer of L1 rates, then the counter offer shall be made to other remaining vendors sequentially as per their comparative statement of prices obtained through Part-II (price bids) or ranking in RA followed by their ranking in sealed bids. At the end, however, if it is observed that less than the vendors required (excluding L1 vendor) has agreed to L1 rates, then the order shall be finalized with only those vendors who



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accepts L1 rates. The quantity distribution then shall be then proportionally revised as declared in enquiry details /enquiry remarks / enquiry main copy .

- d) **In case, if less number of vendor accepts our counter offer then the quantity shall be redistributed as per split ratio shown above.**
- e) In case of capacity constraint /monthly capacity of vendors the additional quantity over & above of their shares will be distributed on other vendors suitably.

14. Basis of evaluation of quotations:

- a) Only offers received before due date and time and meeting the terms and conditions of the enquiry will be considered.
- b) In case of Two bid system, all the bidders should read "instructions to bidders for submission of two bid system". Whenever two bid system of enquiry is mentioned "BHEL reserves the right to go in for Reverse Auction instead of opening the submitted sealed bid, which will be decided after technical evaluation". All the bidders should also read additional instructions to bidders for Reverse Auction (Ref. Annexure-IV).
- c) **All the offers for each items shall be compared for landed cost to BHEL at BHEL stores.**
- d) In cases where more than one offer is at L1 price, L1 will be decided
"In the course of evaluation, if more than one bidder happens to occupy L-1 status, 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."
- e) Offers received on any other basis other than the unit specified in tender shall be compared on the basis of design weight indicated in drawing.
- f) L-1 /lowest rank will be decided on basis of HESG cost/total landed cost to BHEL Bhopal.
- g) Offers having deviations to the terms and conditions will be suitably loaded as per standard/suitable loading factors of BHEL to derive total landed cost to BHEL at BHEL stores.
- h) GST as applicable on the date of enquiry shall be taken wherever it is not indicated in the offer for arriving the price to BHEL Bhopal.
- i) Decision of BHEL in this regard will be final and binding without any further correspondence with the supplier.
- j) During bid evaluation, No loading of price with regard to preferential payment of within 45 days will be made on vendor falling under MSMED ACT – OCT.06.

15. Acceptance & Rejection of bids



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- a) In case of two bid system, firms whose bids have been evaluated but found not meeting the qualification criteria would be intimated and un-opened price bid shall be returned to them.
- b) Bids not in line with the terms and conditions of the tender enquiry, or unsatisfactory past performance, or not meeting the required delivery schedule/ long delivery or not conforming to normally accepted practices are likely to be rejected.
- c) Suppliers are requested to quote in two parts for 2 bid enquiries. However, for quotations submitted in single bid against our requirement of two bid will be considered only if the bid is techno-commercially accepted without seeking any clarifications from the vendor. Otherwise, the bid is liable to be rejected.
- d) If any new vendor to whom enquiry is issued & who is not registered in BHEL, their price bid shall be considered only after, they will get registered with BHEL.
- e) BHEL reserves the right in respect of acceptance & rejection of bids, which will be final and binding without any further correspondence.
- f) In case of any deviation submitted for vendors BHEL will preferably asked the vendors to withdraw their deviation as per BHEL NIT terms.

6. Drawings/Documents

- A) It is advised that technical scope, tender terms and conditions, drawings and other related documents are thoroughly studied and the weight and other required details are ascertained before submitting the offer/bid in their own interest.
- b) In case of any discrepancies, it should be immediately informed in writing to the tender issuing authority clearly indicating the discrepancies at least one day before submitting the offers.
- c) Before start of manufacturing vendor to confirm latest revisions of Drawings , painting specification & QA plan (if any) in writing from Indenting deptt or Concerned Engineering deptt .

7. Delivery Period:

BHEL prefers : As given in enquiry remarks (item wise basis)

Delivery mentioned in the purchase order can be pre-poned / postponed as per the project schedule. Supplier will be required to meet the revised delivery schedule accordingly. In case of labour basis jobs / mixed basis jobs normally the vendors are expected to lift material in time without any reminders from BHEL and the delivery is computed as per the agreed manufacturing cycle mentioned in the enquiry / offer. However, at times, BHEL will remind the vendors through emails to lift material. In such cases, the delivery will be computed from the last date of issue of material .

8. Taxes & duties :-

- a) Applicable Duties & Taxes, which BHEL is required to pay, should be clearly declared considering the offer validity and quoted delivery period. Otherwise BHEL will not be responsible for payment of any kind of duties & taxes.
- b) Taxes and duties will be paid extra as applicable on the date/dates of contractual delivery or actual delivery whichever is lower.
- c) Parties shall declare: GSTIN details , GSTIN no . SAC code, Excise duty, sales Tax, IT PAN and SSI registration details and also communicate subsequent changes wherever not submitted earlier at the time of registration.



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- d) All the formalities relating with existing taxes and duties as well as such taxes and duties which will be introduced in future, will be discharged by the vendor and there shall be nothing which will fall on BHEL.
- e) **Form 88** – BHEL being Public Sector Undertaking of Gov. of India is exempted vide notification no. FA329/2004/1/V(54) DT 26/10/2005 by order of Addl. Secy. Gov. of M.P., in respect of goods sent from a place outside the state of Madhya Pradesh.
- f) **Vendor to follow strictly adhere to the government E -way bill rules for transportation.**

9. Payment –

- a) Payment shall be made in 90 days from date of receipt and against accepted SRV for the supplies complete in all aspects as per the technical scope. If the payment is less than 90 days vendor will be suitably loaded to arrive at BHEL landed cost. However for supplier registered with us against MSMED act will be paid within 45 days. No loading shall be done on MSME vendor this payment term.

"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer. "

10. Confidentially agreement: Without prior permission of BHEL, NIT related documents shall not be used for any other purpose .

Section –B (Additional terms for labour basis jobs) 1) Order

execution:

Materials should be lifted immediately on receipt of intimation of readiness. Delivery period shall be reckoned after 2 days from the date of intimation. If any delay is due to non lifting of material shall not be considered for delivery amendment. Stock Verification

- 1. BHEL reserves the right of verification of material lying with the subcontractor /supplier at any time.
- 2. BHEL material should be stocked at one place with identification with tags on them and should not be mixed with other materials.
- 3. Proper stock record of material held with them shall be maintained and the same shall be provided to BHEL on demand. If the Subcontractor fails to produce or properly account the materials so issued, BHEL will have the right to recovery of the value of the materials along with the respective administration charges and statutory levies from the running bills of the Subcontractor.
- 4. Any of the materials of BHEL under no circumstance be sold / hypothecated to any bank or to any lending institution or to any party whomsoever. It should not also be shown as the Subcontractor's assets in any of statements of the Subcontractor to any party.
- 5. Subcontractor should take all necessary precautions to ensure safety of BHEL material against damage or loss in any form.
- 6. Further subcontracting of work without prior written permission of BHEL is not permitted. Also, Shifting of items / materials issued by BHEL to any place other than the Subcontractor's works is prohibited.



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- 2) Issue and accountal of free issue material from BHEL**
- a) Material /components will be issued free of cost under GST ACT 2017 only. Material accountal statement will be submitted by the supplier along with each bill. **Free-Issue-material (FIM)** will be issued by BHEL under GST rule For movement of inputs of partially processed goods under Rule 55(1)- (b), (c) & (d) of Central Goods & Service Tax (CGST) Rules, 2017 of Invoice GST rule from one factory to another factory for processing / operation and subsequent
 - b) Material shall be issued in form of raw material & components as mentioned in the technical scope with adequate allowance as per prevailing engineering practice.
 - c) It shall be the responsibility of Subcontractor to check the raw materials received by them for quality & quantity and ensure its correctness before removing it from BHEL premises.
 - d) Any wrong material collected should be immediately communicated for remedy. Excess material collected should be immediately returned in the usable form.
 - e) Any wrong material collected should be immediately informed to us for correction. Excess material collected should be immediately returned in the usable form against not for payment challan through SRV, & only cutbits/offcuts i.e end pieces shall be returned through SCRN.
 - f) Material issued for job work shall be taken back only in exceptional circumstances and upon written request of vendor with due justification.
 - g) In cases wherever availability of material becomes critical for certain work order, BHEL has the right to either take back or transfer the balance, material available with the Subcontractor to other, with due material accountal.



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- h) Free issue Material accountal shall be submitted by the vendor along with each supply. In case vendor fails to liquidate material accountal within stipulated period as per the GST rules from the date of issue of material, then BHEL may recover the cost of material.
- i) In case of rejection of BHEL issued material, vendor must repair and return/ replace, as the case may be, within 60 days from the date of rejection failing which such rejection shall be treated as "BHEL material damaged" and BHEL may recover the cost of material as per BHEL rules.

3) Q.A. Plan , Testing , Inspection, Quality certification & correlation

- a) Q.A. plan (if any) is to be strictly followed without any deviation and skilled worker will be employed as per job requirement & QA plan.
- b) Testing:-All types of testing & NDT would be in the scope of supplier and will be carried out through BHEL approved agencies unless specified otherwise in technical specification subject to review of NDT reports by BHEL. Testing of sample if done in BHEL TSD department will be on chargeable basis as per prevailing rates.

c) Inspection and traceability of free issue Material

- 1. All the material and components taken from BHEL should have got inspected and should be used only for the purpose for which it is issued by QC of BHEL otherwise job is likely to be rejected.
- 2. **It shall be the responsibility of subcontractors to check the raw materials received by them for quality & quantity as mentioned in the order.**
- 3. **Subcontractors shall ensure transfer of materials identity and traceability at all stages and also maintains proper records.**
- 4) Inspection of completed jobs
 - a) Inspection shall be done by customer, third party and/or BHEL's quality control department as mentioned in the QA plan /annexure.
 - b) In case of inspection by customer or his authorized agency, intimation of readiness of job for calling the party should be given at least one week in advance.
 - c) After inspection at supplier's works the goods will be cleared for dispatch on provisional basis. Any defects noticed during assembly, testing or use is to be attended by the subcontractor, including replacement.
 - d) **The cost of rework or rejection, and any cost of freight incidental to such work will be to the Subcontractor's account.**
 - e) Subcontractors shall provide all reasonable facilities to BHEL personnel to have access to the records of the issued material and items under manufacture at all stages of processing and inspection.
- 5) **Calibration :**
 - 1. Subcontractor shall use only relevant measuring instruments, templates; gauges- calibrated at, either BHEL or at any Govt., approved labs – traceable to national standards or BHEL approved agencies for the purpose.
 - 2. Relevant Test Certificates are to be produced to BHEL inspection staff for verification and demand.
- 6) **LATE DELIVERY (LD CALUSE) :** In case of late delivery a penalty @0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of total order value would be levied.
- 7) **Order Cancellation**



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- a) BHEL shall have the right to cancel any order either wholly or in part on account due to cancellation of order or any curtailments or stoppage of BHEL's business or any other reason which justifies cancellation with recovery of full material cost.
- b) In the event of delay in lifting the free issue material or/and delay in completion of work , BHEL shall be free to cancel the order in part or full and divert it to alternate subcontractor as per BHEL policy.
- 8) Confidentiality Agreement**
- a. All successful vendors are under obligation to maintain complete confidentiality of the documents, process etc . Acceptance of terms and conditions of the tender implies and binds the vendor to this agreement and no separate agreement need not be entered.
- b. BHEL drawings shall not be used other than BHEL's requirements which after manufacture of items shall be returned along with delivery of materials.
- 9) Guarantee**
- The subcontractor shall warrant that the goods fully complies with the drawings and other technical conditions. If the finished goods are found defective owing to faulty workmanship / incomplete work within a period of 24 months from the date of dispatch the subcontractor shall make good of it / replace the same free of cost. Alternatively, the rework/replacement will be done by BHEL at the cost and risk of the subcontractor.
- 10) Insurance- Submission of documents by the vendors :** Material issued to vendors are covered under BHEL corporate insurance policy. In case of any loss, to facilitate processing of claim, the vendor needs to furnish all required documents in time. The vendor is liable to pay the loss if the claim is not enforceable due to nonsubmission of documents by the vendors.
- 11) General**
- a) Any change in the constitution of the subcontractor's unit during the operation of the contract will have to be made only after getting the specific written approval from BHEL. Non - compliance to this may entail cancellation of registration.
- b) The Subcontractor shall comply with all statutory obligations such as ESI. PF, labour laws, Factories Act. BHEL shall not be responsible for any of the penalties/ fines etc on this account.
- c) Further to the above, other instructions for packing, liquidated damages, arbitration & jurisdiction, indemnity , rejection etc., shall be as per the terms & conditions of indigenous enquiry **BP -200102** and purchase order MM 5527 as issued by material management department. (copy of documents mentioned above are already available with the vendors & hosted in B2B site of BHEL Bhopal <http://www.bhelbpl.co.in/mm/>).
- d) Progress report – Progress report will be required to be sent every week without fail by e-mail to skbaranawal@bhel.in indicating the status of each purchase order and hold up points. Please indicate your e-mail address in your offer without fail.
- e) In case of mismatch or any typographical mistake, computer generated enquiry copy shall be valid for enquiry.
- f) Pls visits B-2-B site for all information <http://www.bhelbpl.co.in/mm/>
- g) **Acceptance of all the above Enquiry terms & conditions & annexures are required in your offer. The same is to be signed by the vendors and submitted along with Part-1 offer. Offers/Bids/Quotations may be rejected without submission of same.**
- 12) REGARDING TOOLS/Jigs , Fixtures , checking templates :**
"In cases where tools are issued **VENDORS ARE REQUESTED TO RETURN THE TOOLS IMMEDIATELY ON COMPLETION OF JOBS. IN CASE THE TOOLS ARE NOT RETURNED WITHIN 3 MONTHS OF ISSUE OF THE SAME, THE BILLS OF THE VENDORS MAY BE KEPT UNDER HOLD TILL RETURN OF THE TOOLS"**
- 13) BHEL RESERVES RIGHT TO CANCEL**



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- i. Our requirement part or full at any stage of the tender finalization (or) even after finalization of tender. **PO can be short close or mutually extended at any point depending upon order BHEL book position and BHEL shop loading capacity etc.**
- ii. Or forfeit the chance in tender, if any vendor(s) found to be "unsatisfactory" during our assessment processes/noncompliance of statutory requirements etc. as required for "vendor registration" during/after the processes of finalization of contract.
- iii. The order(s), if any vendor (s) found to be "unsatisfactory" during our periodical assessment processes / review of assessment processes/ non-compliance of statutory requirements etc. as required for "vendor registration" during the execution of order(s).
- iv. **Divert order(s) allocation quantity, in case of non-submission/ delay in submission/delay in lifting the material/delay in completing the work/delay is supply or failure to meet order delivery schedule / in-sufficient amount of bank guarantee/non-execution of orders by vendor(s) as per BHEL rules/current practice .**
- v. In case L-1 supplier or any supplier after finalization of rate contract is not maintaining supply within stipulated contractual delivery, the balance quantity will be distributed in order of merit.
- vi. The contract or forfeit the chance in tender, if any vendor (s) disposed off units/found to be sick/ running under unrest/ declared insolvency /nonrenewal lease deed during/ after finalization process/ during the validity of the contract without assigning any reasons thereafter.
- vii. The offers of the vendor who are in banned list and offers of those firm who engaged with the services of banned firm the offers shall be summarily rejected .If the vendor is found in banned list of BHEL at later stage the PO shall be cancelled. The list of all banned firm is available in BHEL internet site at www.bhel.com.
- viii. Any deviation to any points of this annexure or enquiry should be clearly mentioned in offer. Otherwise, it will be presumed that supplier agrees to these conditions.
Any deviation to BHEL NIT conditions and BHEL std practice will be suitably loaded as per BHEL current loading factors to arrive at total cost to BHEL to decide Total Landed cost to BHEL to arrive at L-1 status
- 14) Apart from the above, general terms & conditions of indigenous enquiry and purchase order issued by material management department vide BP -200102 , MM 5527 respectively will also be applicable (already available with the suppliers and hosted in B-2-B site <http://www.bhelbpl.co.in/mm/>).
- 15) **Acceptance of all the above Enquiry terms & conditions & annexures are required in your offer. The same is to be signed by the vendors and submitted along with Part-1 offer. Offers/Bids/Quotations may be rejected without submission of same. Deviation to be clearly mentioned in your offer else we assume that you have accepted all terms of BHEL. In case of e procurement enquiries as tender is submitted by verified DSC of vendor hence it will be presumed that all terms and conditions of tender and annexures are accepted in TOTO unless if any deviation is submitted or written in your online quotations .**

- 16) Part 2 price bid shall be opened to confirm L1 rate for RA.

BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed

- 17) envelope price bid along with applicable loading, if any, shall be considered for ranking

Inspection clause for NIT:

Important note: Loading factor for third party inspection charges done by BHEL :Stage and final inspection is in BHEL scope hence a loading factor @Inspection Charges (0.250% - loading on basic rate) for local inspection and for outside bhopal inspection @ 0.261% - loading on basis rate will be done to arrive at landed cost to BHEL hence PIs take cognizance of loading factor for Inspection Charges while submitting your quotation.



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Annexure II

NEW BANK GUARANTEE SYSTEM 2016 FOR ALL LABOUR BASIS & MIXED BASIS POS

Pls refer B-2-B site in bhel Bhopal website and contact our BG section in ASX deptt for complete details in Office hrs.

a) In case of order, the vendor would be required to furnish Bank Guarantee (BG) as follows, if not stated otherwise in the main Enquiry :

1. First order:-Bank guarantee for vendors executing first order of ancillary & sub-contracting division shall be for 30% cost of free issue material subject to maximum BG of Rs 30 lakhs for first order.



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2. Subsequent orders: - Bank guarantee shall be for 10% cost of free issue material subject to maximum BG of Rs 30 lakhs for subsequent orders.
 3. 10% BG of highest balance of MWF value (taking into account both PMIV & SMIV held by the fabricators), for A category i.e. for normal material of MS, SS, HSS, CRGO & CRNGO etc. for machining, Fabrication and lamination purpose and copper sheets for welding to transformer tank (based on highest balance of MWF value appearing at the end of each month starting from January to December of the previous calendar year)
 4. 10% BG of highest balance of MWF value (taking into account both PMIV & SMIV held by the fabricators & based on highest balance of MWF value appearing at the end of each month starting from January to December of the previous calendar year) or value of material to be issued whichever is more for B category i.e. for high value item e.g. , thermal blades, turbine runner, liners and labyrinth for HVOF coating etc.
 5. 100% BG of value of material to be issued for C category i.e. for very high value item like copper for moulding of conductors, silver for soldering etc.
 6. Subject to minimum BG of Rs. 1,00,000 (Rupees one lakh only)
 7. "UNDERTAKING FOR FREE ISSUE MATERIAL" on plain paper / letter head from vendors to be submitted (where 10% BG is proposed) which will be a part of every enquiry **In case of e procurement enquiry your digital signature is enough for acceptance & digitally signed by you is considered as your acceptance unless you specifically submit a deviation in this regard**
 8. Solvency certificate of equivalent amount of free issue material.
- Note: - The BG is to be furnished in prescribed Performa and from BHEL approved Banks only (available in B2B site).
- a. Discontinue the practice of taking IB on Stamp paper and Net worth Certificate.
 - b. "UNDERTAKING FOR FREE ISSUE MATERIAL" ON PLAIN PAPER (unstamped) from vendors will be obtained (where 10% BG is proposed) which will be a part of every enquiry . In case of e procurement enquiry your digital signature is enough for acceptance & digitally signed by you is considered as your acceptance.
 - c. To continue to obtain solvency certificate of equivalent amount free issue material.

BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available

on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed

envelope price bid along with applicable loading, if any, shall be considered for ranking."

Annexure III

UNDERTAKING FOR FREE ISSUE MATERIALS



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**M/s Bharat Heavy Electrical Limited,
Piplani, Bhopal-462022 (M.P.)**

Whereas M/s Bharat Heavy Electrical Limited (hereinafter referred to as 'The Customer' which expression shall unless repugnant to the context includes their legal representatives, successors and assigns having their office at Piplani, Bhopal-462022, MP has entered in to a contract with M/s..... (hereinafter referred to as 'The Contractor' which expression shall unless repugnant to the context includes their legal representatives, successors and assigns for supply for free issue material on the terms and conditions as set out inter-alia, in the above said Purchase order/various purchase orders and various documents forming part thereof hereinafter collectively referred to as the 'Said Contract' which expression shall include all amendments, modifications and / or variation thereto. This will also include other future fabrication and machining orders placed by BHEL during below mentioned period.

AND WHEREAS the customer has agreed to supply to the contractor major portion of raw materials / components etc. for the purpose of execution of the said contract by the contractor (the raw materials/ components etc.) to be supplied by the customer to the contractor hereinafter for the sake of brevity referred to as the "Said Materials" shall be under the custody and charge of the contractor and shall be kept, stored, altered, worked upon, machined/fabricated at the sole risk and expense of the Contractor.

Now Therefore in consideration of the pre-condition to the supply of the said materials by the Customer to the contractor, the Contractor hereby irrevocably and unconditionally undertake to compensate and keep compensated the customer from and against all loss, damage and destruction (inclusive but not limited) to any or all loss or damage and destruction to or of the said materials or any item or part thereof by theft, pilferage, fire, flood, storm, tempest, lightning, explosion storage, chemical or physical action or reaction, bending, warping, exposure, resting, faulty workmanship, fabrication or faulty method or technique of fabrication, strike, riot, civil connection or other act or omission or commission whatsoever within or beyond the control of the Contractor, misuse and misappropriation (Inclusive but not limit to misuse or misappropriation by the contractor and the contractor's servant and or agents) Whatsoever to or of in the said materials or any part of item thereof from the date that the same or relative part of item thereof was supplied to the Contractor up to until the date of return to the Purchaser of the said material or relative part of item thereof or completed construction works incorporating the said material and undertake to pay to the customer forthwith on demand in writing without protest or demur the value as specified by the Customer of the said material or item or part thereof lost, damaged, destroyed, misused and / or misappropriated, as the case may be, together with the Customers costs and expenses (inclusive of but not limited to handling, transportation, cartage, insurance freight, packing and inspection costs/ or expenses) upto and aggregate limit of **Rs. _____/- (Rupees _____ only)** and/or additional value of material, if supplied to contractor.

1. The Undertaking shall be a continuing/ Undertaking and shall remain valid and irrevocable for all claims of the purchaser arising hereunder upto and until the midnight of However, if the Contract for which this Undertaking is given is not completed by this date Contractor hereby agrees to extend the Undertaking till such time as is required to fulfill the Contract.
2. This Undertaking shall not be determined on change of constitution or insolvency of the Contractor but shall be in all respects and for all purpose be binding and operative until payment of all moneys payable to the Customer in terms hereof.
3. The mere statement or allegation made by or on behalf of the customer in any notice or demand or other writing addressed to the contractor as to any of the said material or item or part thereof having been lost, damaged, destroyed, misused or misappropriated while in the custody of the contractor and / or prior to completion of the completed fabrication/ machining works and handing over the completed job thereof incorporating the said materials shall be conclusive of the factor of the said material or item or part thereof having been supplied to the Contractor and / or the loss, damage, destruction, misuse or misappropriation thereof, as the case may be, while in the custody of the Contractor and / or prior to the completion of the fabrication/ machining/processing works and handing over the completed job thereof incorporating the said materials without necessity on the part of the customer to produce any documentary proof or other evidence whatsoever in support of this.
4. The amount stated in any notice of demand addressed by the customer to the Contractor as to the value of such said materials lost, damage, destroyed, misused or misappropriated, inclusive relative to the costs and expenses incurred by



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India undertaking)

"Marching Towards Business Excellence"

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Special terms and conditions TENDER DOCUMENT FOR ENQUIRY

the Customer in connection therewith shall be conclusive of the Value of such said materials and the said cost and expenses as also of the amount liable to be paid to the customer without producing any voucher, bill or other documentation or evidence whatsoever in support thereof.

The undersigned has full power to execute this undertaking on behalf of the Contractor under the capacity as Chairman & Managing Director/ owner/partner of the Company.

Place :



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India undertaking)

"Marching Towards Business Excellence"

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Special terms and conditions TENDER DOCUMENT FOR ENQUIRY

Date:

Witnesses

For (Co. name) _____

1. Signature

Signature.....

Name

(Name, sign & seal of Co.)

Address.....

2. Signature

Name

Address.....

:

Part I/Cover 1: Techno-Commercial Bid (To be filled by supplier and submit with offer)				
BHEL BHOPAL Tender No.		E2813042/BHEL BHOPAL/LABOUR BASIS		
Item Description :	Sl No	SHORT DESCRIPTION	QUANTITY(ST)	
	1	M/CING OF ANTI VIBRATION FLAT OF MODERATOR HEAT EXCHANGER TO DRG NO-11650340826 REV-03 VAR-00 AS PER ATTACHEDANNEXURE A-1.	4.000	
	2	M/CING OF ANTI VIBRATION FLAT OF SHUT DOWN HEAT EXCHANGER TO DRG NO-11650340896 REV-01 VAR-00 AS PER ATTACHEDANNEXURE A-2.	8.000	
	3	M/CING OF ANTI VIBRATION FLAT OF BLEED COOLER TO DRG NO-11650340900 REV-01 VAR-00 ATTACHED ANNEXURE A-3.	4.000	
	4	M/CING OF ANTI VIBRATION FLAT OF REGENERATIVE COOLER TO DRG NO-11650340893 REV-01 VAR-00 AS PER ATTACHED ANNEXURE A-4 .	4.000	
NIT Remarks :	(1) LABOUR BASIS OPEN TENDER ENQUIRY. (2) REF. ENCLOSED ANNEXURES FOR ALL OTHER T & C. (3) TOOL/JIGS AND FIXTURES WILL NOT BE PROVIDED BY US IF ASKED YOUR OFFER WILL NOT BE CONSIDERED. (4) SCRAP SHALL BE RETAINED BY VENDOR ON CHARGEABLE BASIS AND COST OF SCRAP @ RS 74.80/-PER KG ALONG WITH GST ON SCRAP RETAINED BY VENDOR SHALL BE DEDUCTED FROM SUPPLIER INVOICE. (5) PO TO BE PLACED ON INDIVIDUAL LI BASIS. (6) SOURCE INSPECTION BY BHEL AND JOINT INSPECTION BY BHEL & CUSTOMER REQUIRED. (7) ENQUIRY TECHNICAL TERM: AS PER DRAWING AND TECHNICAL SPEC (8) SUPPLIER TECHNICAL TERM: TO AVOID DAMAGE DURING TRANSIT TO OUR STORE (9) INSPECTION TERMS: DIM REPORT SHOULD BE SIG. BY AUTHORIZED INSPECTION AGENCY (BHEL/ CUSTOMER) (10) VENDOR TO SUBMIT QA PLAN AND ASSOCIATED DOCUMENTS WITHIN 7 DAYS OF PO PLACEMENT. (11) CREDENTIALS OF TECHNICALLY QUALIFIED.VENDORS SHALL BE SUBMITTED TO NPCIL FOR APPROVAL AND PRICE BID TO BE OPENED FOR NPCIL APPROVED VENDORS ONLY. (12) DELIVERY SHALL BE 12 WEEKS FROM APPROVAL OF QAP SUBMITTED BY VENDOR OR RECEIPT OF MATERIAL AT VENDORS WORK, WHICHEVER IS LATER (13) MATERIAL INFORMATION AS PER A FORM. (14) SUPPLIERS IDENTIFICATION LIKE PO NO DRG NO AND SUPPLIERS NAME WITH HARD PUNCH AND WHITE PAINT ON EACH ITEM REQUIRED. (15) BHEL RESERVES THE RIGHT TO REDUCE THE QUANTITY (UPTO NIL) AS PER REQUIRMENT (16) MATERIAL REQUIRED AS PER DRG AND SPEC. (17) RA SHALL BE DONE TO DECIDE LI. (18) PL SUBMIT PQR FORMATE DULY SEALED & SIGNED ALONG WITH YOUR OFFER WITH OUT WHICH YOUR OFFER SHALL BE REJECTED.			
Special Remarks :	Preference to Make in India Offers from Foreign vendors will not be considered. Offers of local vendors with less than the minimum local content as prescribed in this Tender will also not be considered.In the absence of any such information in the tender, the required minimum local content shall be 20% For this procurement, Public Procurement (Preference to Make in India), order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective Nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable. Default margin of purchase preference shall be 20% to local suppliers with default minimum local content of 50%.			
		Standards	To be offered/confirmed by supplier	Remarks, if any
Sr No.	ELEMENTS			
1	BHEL BHOPAL Supplier Code	As per supplier		
2	Supplier Name	As per supplier		
3	GSTIN NUMBER	As per supplier		
4	PAN NUMBER	As per supplier		

5	Quotation Reference	As per supplier		
6	Quotation date	As per supplier		
7	HSN Code (in case of product as per GST ACT)	As per supplier		
8	GST TYPE & ITS PERCENTAGE APPLICABLE item wise mentioned in the offer (IGST/CGST+SGST/UGST)	As per supplier		
9	CGST %	As per supplier		
10	SGST %	As per supplier		
11	IGST%	As per supplier		
12	UGST %	As per supplier		
13	Supply from (City Name, State / UT)	As per supplier		

14	Delivery Point (City Name, State / UT)	As per supplier		
15	Quotation Currency	In INR		
16	Primary E-Mail	As per supplier		
17	Primary Phone/Mobile	As per supplier		
18	Main Contact Person	As per supplier		
19	Secondary E-Mail	As per supplier		
20	LANDLINE PHONE	As per supplier		
21	CONTACT PERSON	As per supplier		
22	DESIGNATION CONTACT PERSON	As per supplier		

23	MOBILE	As per supplier		
24	ADDRESS	As per supplier		
25	Minimum delivery period to be quoted in no of weeks/days from the date of receipt of Purchase Order.	1 Accepted as per NIT (DELIVERY SHALL BE 12 WEEKS FROM APPROVAL OF QAP SUBMITTED BY VENDOR OR RECEIPT OF MATERIAL AT VENDORS WORK, WHICHEVER IS LATER. (item wise basis) or 2) Not accepted then supplier to mention the delivery conditions in lot wise basis in weeks		
26	Prices shall be firm till delivery	Yes		
27	INSPECTION: At BHEL Bhopal/Third Party inspection.	Yes		
28	Delivery Destination - The material is required to be supplied to FOR BHEL Bhopal with all freight charges on paid basis.	Yes		
29	Price to be furnished on FOR destination BHEL Bhopal, duly insured basis inclusive of P&F charges.	Yes		
30	Quoted for all the items of tender enquiry	Yes / No. (If "No" please mention item number of regretted items)		

31	Technical Specifications /conditions /scope of work	Accepted as per enquiry / Accepted with deviation (If select Accepted with deviation, please mention the deviation)		
32	TC , GC and ALL Inspection report as per tender enquiry and specification will be submitted along with each consignment.	Yes (In case of "No" your offer may be rejected).		
33	Supply from	As per supplier		
34	Quotation Validity will be 90 days from the date of techno-commercial bid opening.	Yes		
35	Are you registered under MSMED ACT 2006 as small or micro.	Yes / No (If select Yes, please enclosed valid UDYAM registration certificate /UAM certificate)		
	<p>Payment terms: 100% payment within 90 days of receipt (45 days for MSE / NSIC registered suppliers under as per relevant act in force) subject to acceptance of material at BHEL, on direct presentation of the documents. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate + 6% for the purpose of bid evaluation.</p> <p>Important note: An MSE enterprises who are traders/agent/dealer shall not be benefitted</p>			

36	under public procurement.	90 days / 45 Days (If supplier is MSE, please select 45 days and if supplier is non -MSE or Trader/Dealer/Agent, please select 90 days)		
	Therefore, no benefit including terms of payment within 45 days shall be passed on to MSE vendor who are trader, dealer and agent. If you are not an "original manufacturer" of indented product against above enquiry, please accept the payment terms as " 100% payment in 90 days after receipt & acceptance of material at BHEL". In case of non- acceptance or any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate+ 6% for the purpose of bid evaluation.			
37	Transit Insurance will be in supplier scope	Yes		
38	Penalty: - LD shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value (Please refer clause 9 of GCC - BP200102).	Yes / No (In case of "No", your offer will be loaded suitably)		
39	Acceptance of General Terms and Conditions of enquiry (Form No. BP- 200102) & BHEL P.O. Terms & Conditions (Indigenous) MM5527 (available at B2B site of BHEL Bhopal).	Yes (In case of "No" your offer may be rejected).		
40	Kindly confirm whether other family firms or sister concern affiliates / subsidiary firms are participating in the same tender, so as to eliminate the possibility of cartel formation. (if yes kindly attach filled, sign & sealed copy of Annexure-IX).	Kindly attach 'Annexure -IX' with seal & sign.		
41	Confirm whether bidder is Manufacturer or Trader or Dealer or Agent of items under enquiry. In case of Trader or Dealer or Agent, please furnish authorization certificate from OEM.	As per supplier		
41.1	I/We hereby certify that the quoted items(s) offered by us in this enquiry is /are having local content (in %) of	As per supplier		
41.2	I/We hereby certify that the local content % certified above is in line with definition of local content given in Public Procurement (Preference to Make in India), Order 2017 Dtd. 4-6-2020 and I/We qualify as (Class-I/Class-II/Non-Local supplier – Fill in one which is applicable).	As per supplier [Class I – Equal to or more than 50%, Class II – More than 20% but less than 50%, Non - Local (Less than or equal to 20%) [NOTE: Please provide Certification regarding local content on your letter head for the quoted items with sea& sign.] format is enclosed for reference		
41.3	Address of location at which the local value addition is made:	As per supplier		
42	By filling "Yes" in adjacent Box, I hereby declare & confirm that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.	As per supplier	p	

1) Deviation in any commercial condition shall be suitably loaded in the offered price.

2) In case of any conflict, confirmation by vendor provided here will supersede.

3) In case bidder is not making an offer against this enquiry, we request the bidder to post the regret letter

Name of Supplier:.....

Seal & Sign of supplier

DECLARATION CERTIFICATE

(FOR LOCAL CONTENT / MAKE IN INDIA)

This is to certify that the M/s has quoted in BHEL, Bhopal against tender enquiry no. for item in which the minimum Local content* is%. Details of the location at which this local value addition has been done is

***Local Content** means amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent. (As per Government of India circular no. P-45021/2/2017-PP (BE-II) dtd. 04.06.2020)

Date :

(Sign. & seal of vendor)

DECLARATION BY VENDOR

We declare that following family firms or sister concern affiliates/subsidiary firms are participating in tender No. E.....

1.0.....

2.0.....

3.0

I, hereby declare on behalf of M/sand the family firms or sister concern affiliates /subsidiary firms listed above that we are not indulging in cartel information for Enquiry No. E.....

(.....)

For M/s.....

(Sign & Seal)