BHEL Reply to Pre-Bid Query_21.09.2022

Name of the Work: "Hiring of 800 MT Crane for Incinerator Vent Stack Erection Works in (525) TPD Standby SRU Project, IOCL Paradip Odisha". Tender ref no.: T0AVX00049_NIT-68294 in (www.bhel.com), dated 10.09.2022
Tender id in https://eprocurebhel.co.in: 2022_BHEL_17647_1

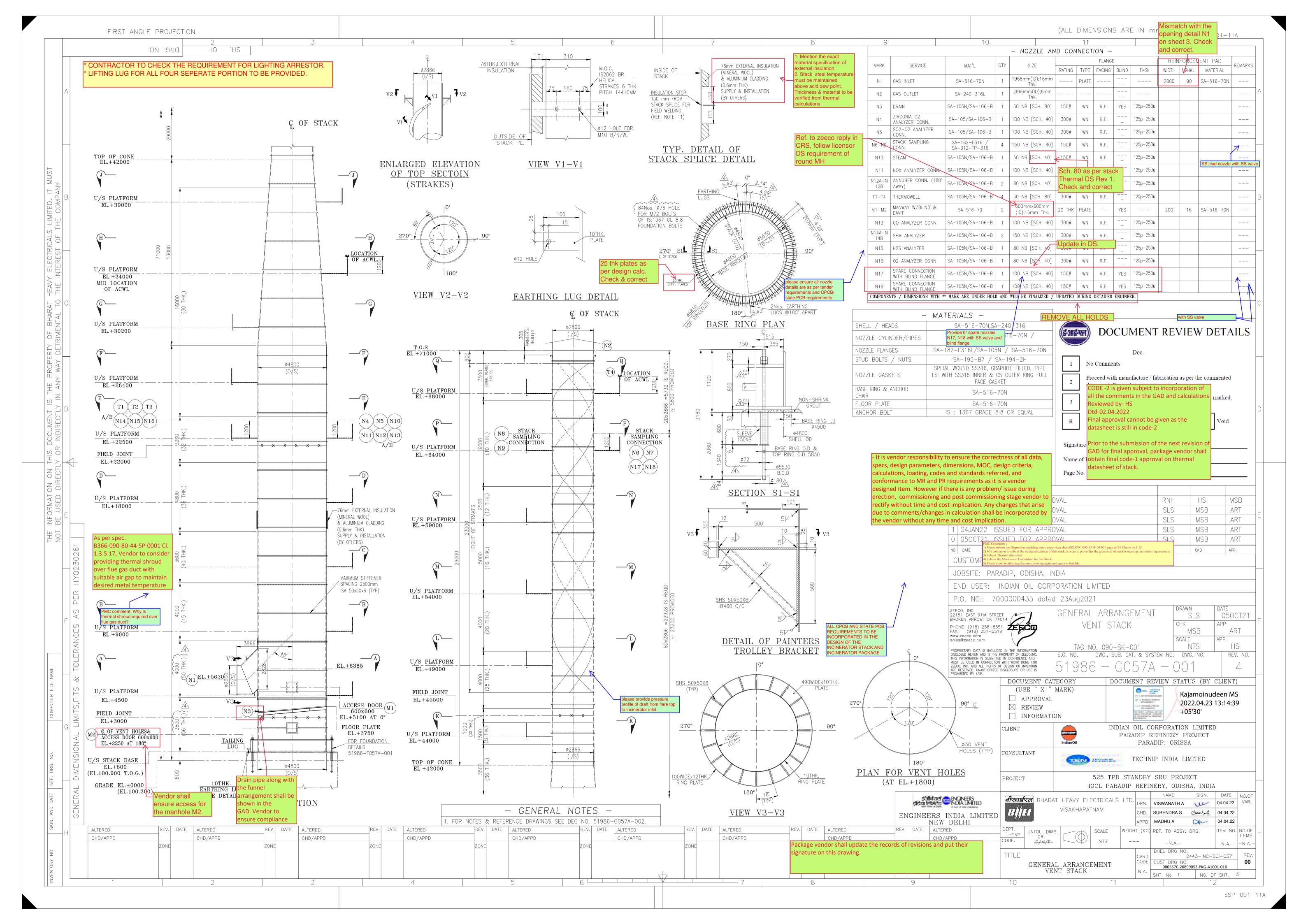
Bidder Name	C2 No. No. Cause Discription Stitle/S Reply				
	1		Net worth of the Bidder based on the latest Audited Accounts as furnished for 'C1' above should be positive. C3: Cash Profit: Bidder must have earned cash profit in any one of the three Financial Years as applicable in the last three years defined in 'C1 above based on latest Audited Accounts. NET cash	Tender as contractor has to mobilize the crane which is contractor's asset and the same would be available with BHEL for complete contract period without any advance payment from BHEL. Further, all the payments will be paid by BHEL only after work completion or completion of milestone and once the contractors' crane is at site, it will be under the jurisdiction of the Site-In-Charge and without proper approval, permission & support of BHEL, contractor cannot leave the site premises. Thus, here net worth & Profit of contractor are not the binding factors for successful execution of a contract at site rather than crane availability, ownership, technical competence & Turnover PQR requirements. Due to covid-19 epidemic, many of service providers are unable to participate in hiring tenders due to negative net-worth and profit in last financial year requirements. Hence we request BHEL, to review these qualification requirements and remove it to maximize the participants in order to get the competitive pricing. (or) we request you to kindly include the following note similar to Tender No. BHE/PW/PUR/BWT-HLHR-CRH/2216 dt. 25.10.2019 & BHE/PW/PUR/NTPRT-HLHR-CRH/2211 dt. 17.10.2019 as below. Special Note: Bidder whos is 50% and above subsidiary of any other company (Including those registered outside india) and does not meet any of the above PQR criteria such bidder may be qualified based	Please follow the tender specification.
India Pvt. Ltd.	2	CONDITIONS OF CONTRACT (TCC) / Chapter III- Facilities in the	The first assembly of the entire crane including the required boom length, as decided by BHEL Engineer, and dismantling for demobilization are in the regular scope of these services. For any in-between requirement of boom extension or reduction of the cranes at site, the manpower, tools, and tackles required shall be in the scope of crane agency. This duration	mobilisation & demobilization (as mentioned in Chapter V), we request BHEL to provide the support equipment (Crane, Hydra & Trailer) for boom extension / reduction, configuration change, counter weight shifting during the contract period as and when required. Otherwise, crane agency has to keep the additional resources through out the contract which would be additional	Tender spec to be followed.Support will be provided by BHEL/BHEL's Erection contractor

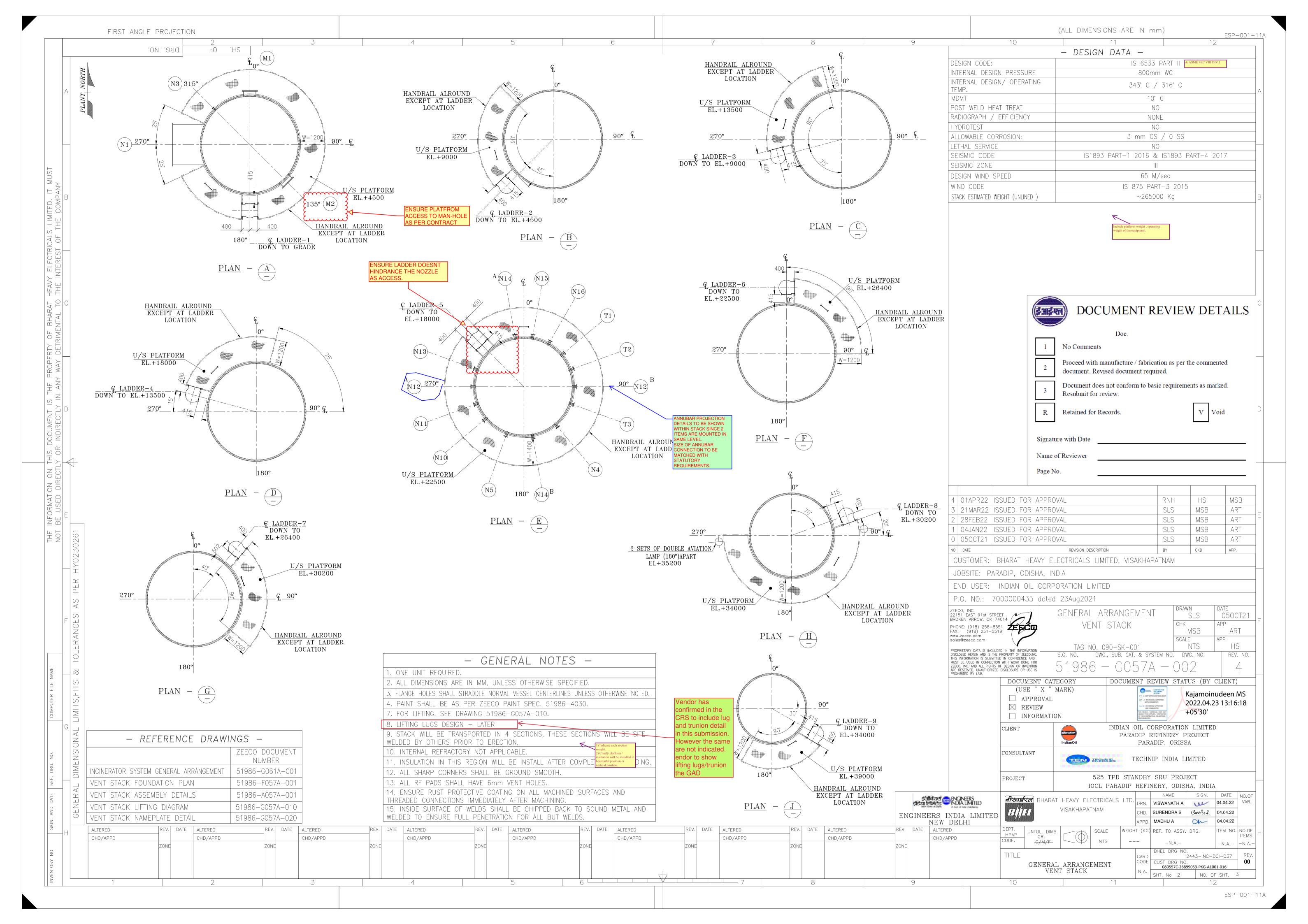
Bidder Name	Sl. No	Clause	Tender Clause Description	Bidder's Query	BHEL's Reply
Ms SARENS Heavy Lift.	2	TECHNICAL CONDITIONS OF CONTRACT (TCC) /Chapter- V: Facilities by BHEL / Page 12 of 22	Support Cranes for Assembly/ Disassembly of Crane: BHEL's erection contractor shall provide support cranes up to capacity of 75MT for assembly/ Disassembly of cranes during mobilization/ demobilization. Support cranes required of capacity more than 75MT shall be arranged by the contractor and cost of the same shall be included in the quoted price.		
	3	TECHNICAL CONDITIONS OF CONTRACT (TCC) / Chapter-IX: General / Page 19 of 22	6. INSURANCE COVER FOR MEN & MATERIALSBHEL/Client has obtained comprehensive Marine cum Erection All Risks Insurance Policy for the plant under installation and other assets of BHEL. Accidental loss/damage to these materials will be covered under this policy	Kindly include contractor & its sub-contractors as co-insured and waiver subrogation in favour of Contractor & its sub-contractors in BHEL erection all insurance policy.	Noted

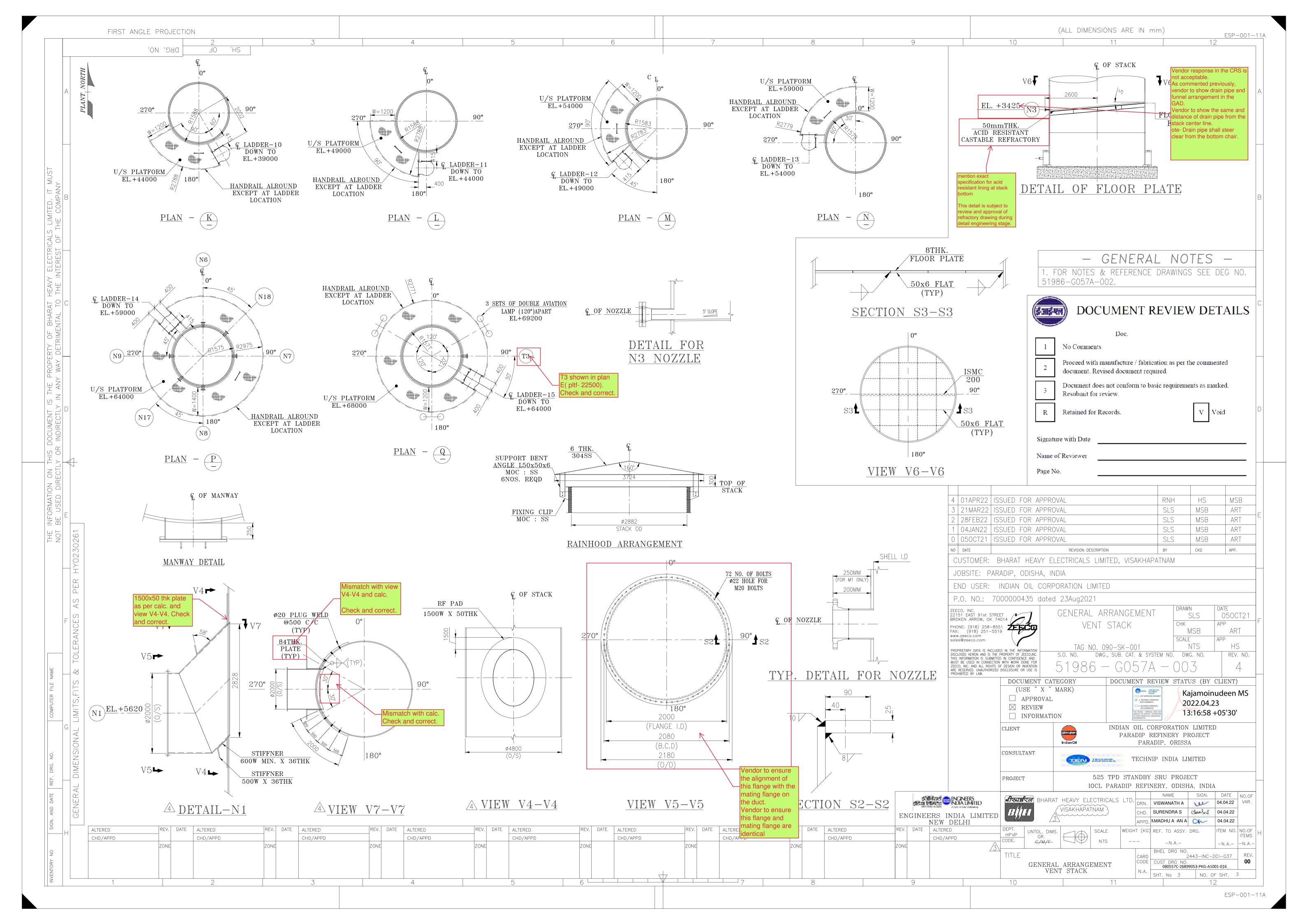
D:11			Tender Clause		
Bidder Name	Sl. No	Clause	Description	Bidder's Query	BHEL's Reply
	4	General	Bid Due date extension	We request to kindly extend the bid due date extended by atleast one week.	Noted. Please keep on visiting the website for extension, if any
	5	TECHNICAL CONDITIONS OF CONTRACT (TCC) / Chapter-IX: General / Page 19 of 22	Support Cranes for Assembly/ Disassembly of Crane: BHEL's erection contractor shall provide support cranes up to capacity of 75MT for assembly/ Disassembly of cranes during mobilization/ demobilization. Support cranes required of capacity more than 75MT shall be arranged by the contractor and cost of the same shall be included in the quoted price.	Please note that it requires minimum 1 No. of 250 MT crawler crane & 1 No of 150 MT tyre mounted crane are required for Assembly & dis-assembly of 800 MT crawler crane. As the 800 MT crane is required for 1 month only, it would be difficult for the bidders to bring the complete set of support equipments. Hence, we request you to provide BHEL to provide the support equipment for assembly / dis-assembly, boom configuration change, inter shifting & etc.	Tender spec to be followed.Support will be provided by BHEL/ BHEL's Erection contractor
	6	Annexure – I, Prequalifying Requirements, Page 1 of 10.	Partnership firm or Proprietor firm. Bidder to submit the document for same.	Please note that only few companies in India has 800 MT crawler crane. We shall participate with financial qualification support from our Foreign Parent company. Hence, we request you to review our request mentioned at Point No.1 below and allow the financial support from parent company similar to the technical support mentioned in the tender.	
overs	1			Please share dimension details of incinerator vent stack (if drawing please share)	Plot plan and GA drawing of Incinerator stack area attached for bidder reference
ghvi M imited	2			Please mention what elevation height 340MT weight need to be lifted	
M/s Sanghvi Movers Limited	3			Please share plot plan drawing if available	
General	1	NA	Bankrupcy clause	NA	Following to be complied by bidders: Bidder must not be under Insolvency Resolution Process or Liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render him ineligible for participation in this tender, and shall submit undertaking (Annexure-4) to this effect. Format attached

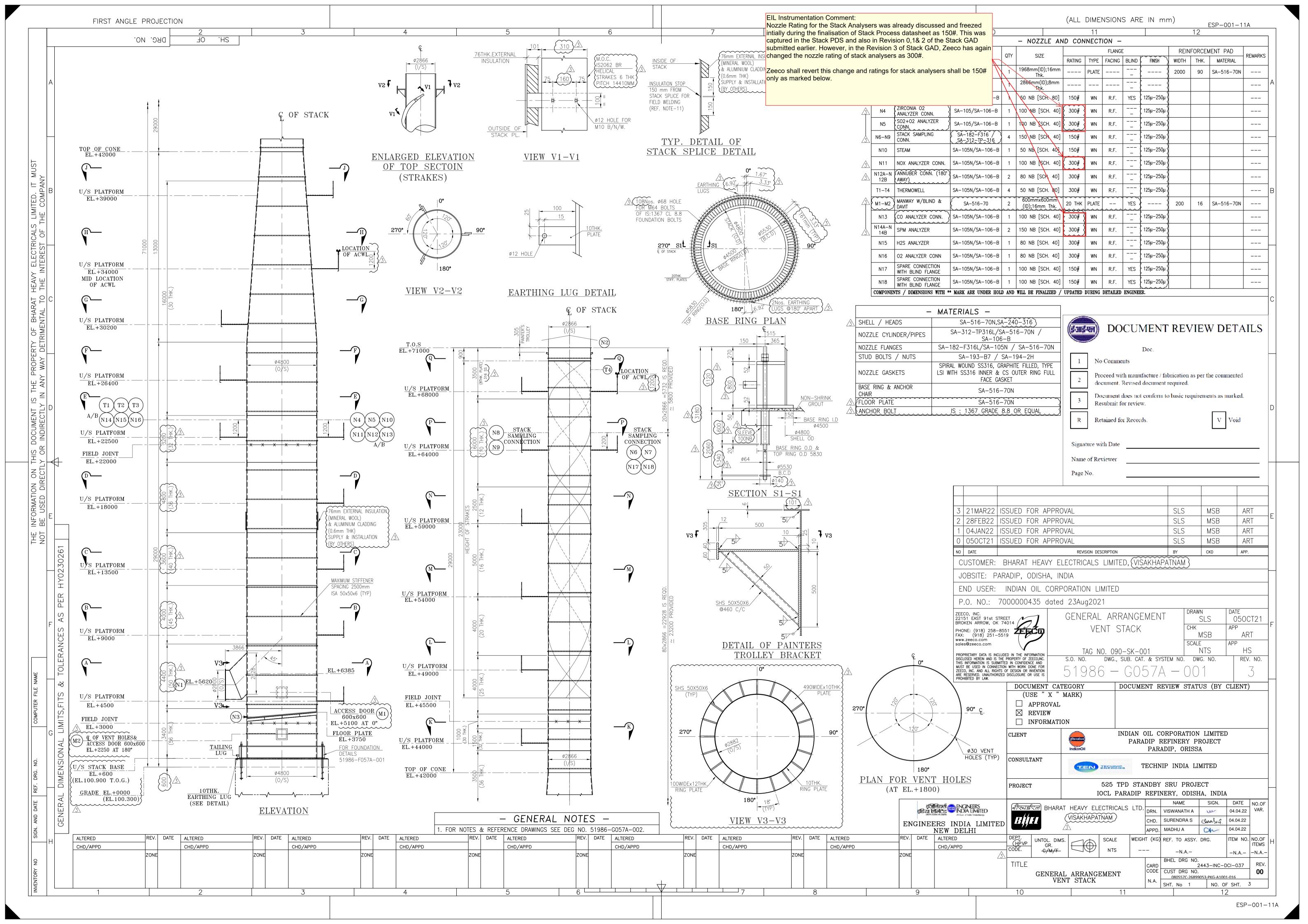
DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017 (To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable) To, (Write Name & Address of Officer of BHEL inviting the Tender) Dear Sir, Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 Ref: 1) NIT/Tender Specification No:, 2) All other pertinent issues till date I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries. I certify that (SPECIFY THE NAME OF THE ORGANIZATION HERE), is not from such a country/ has been registered with the Competent Authority (attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT); and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. (attach relevant valid registration, if applicable) I hereby certify that we fulfil all requirements in this regard and is eligible to be considered. Thanking you, Yours faithfully, (Signature, Date & Seal of Authorized Signatory of the Bidder)

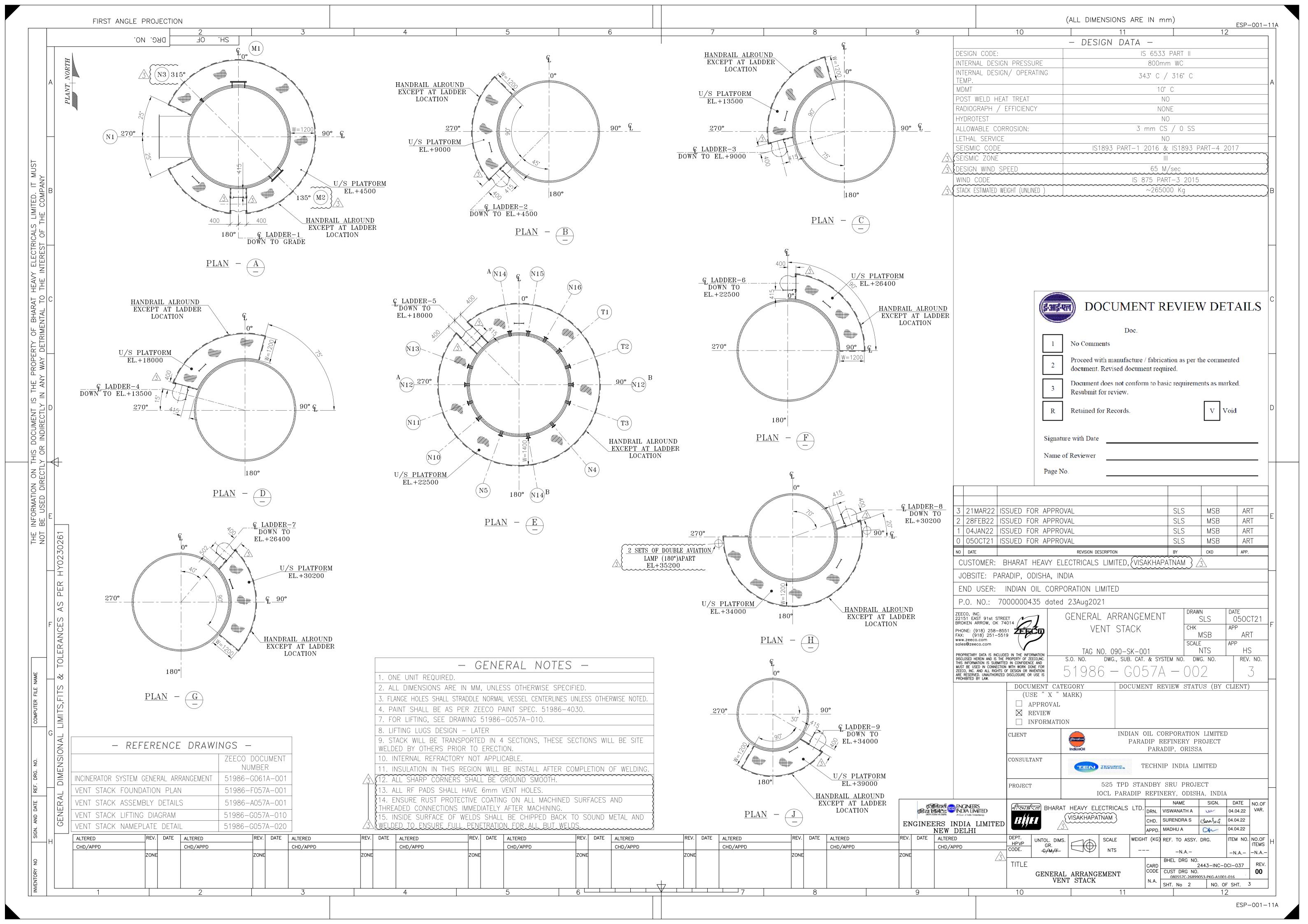
Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

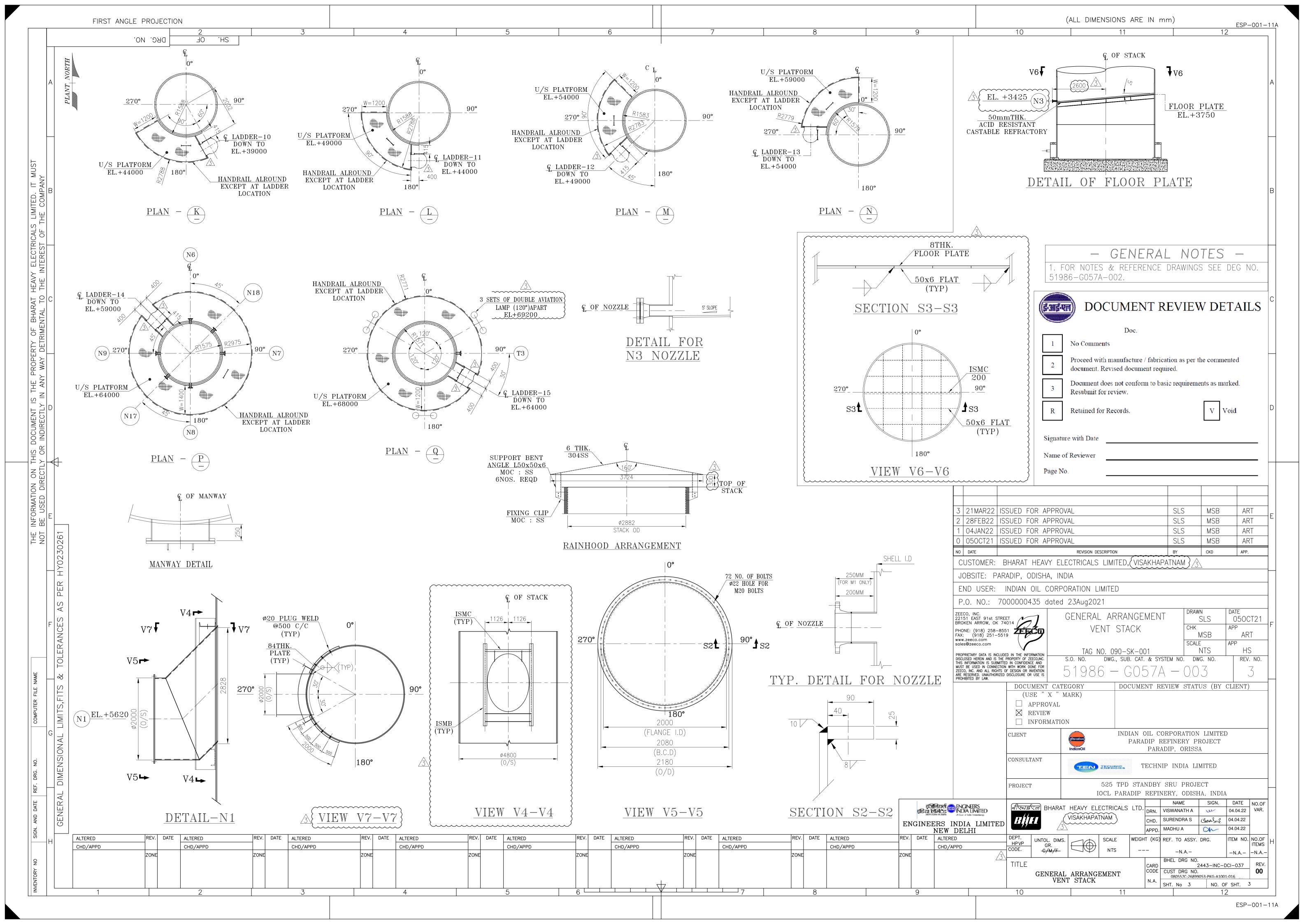








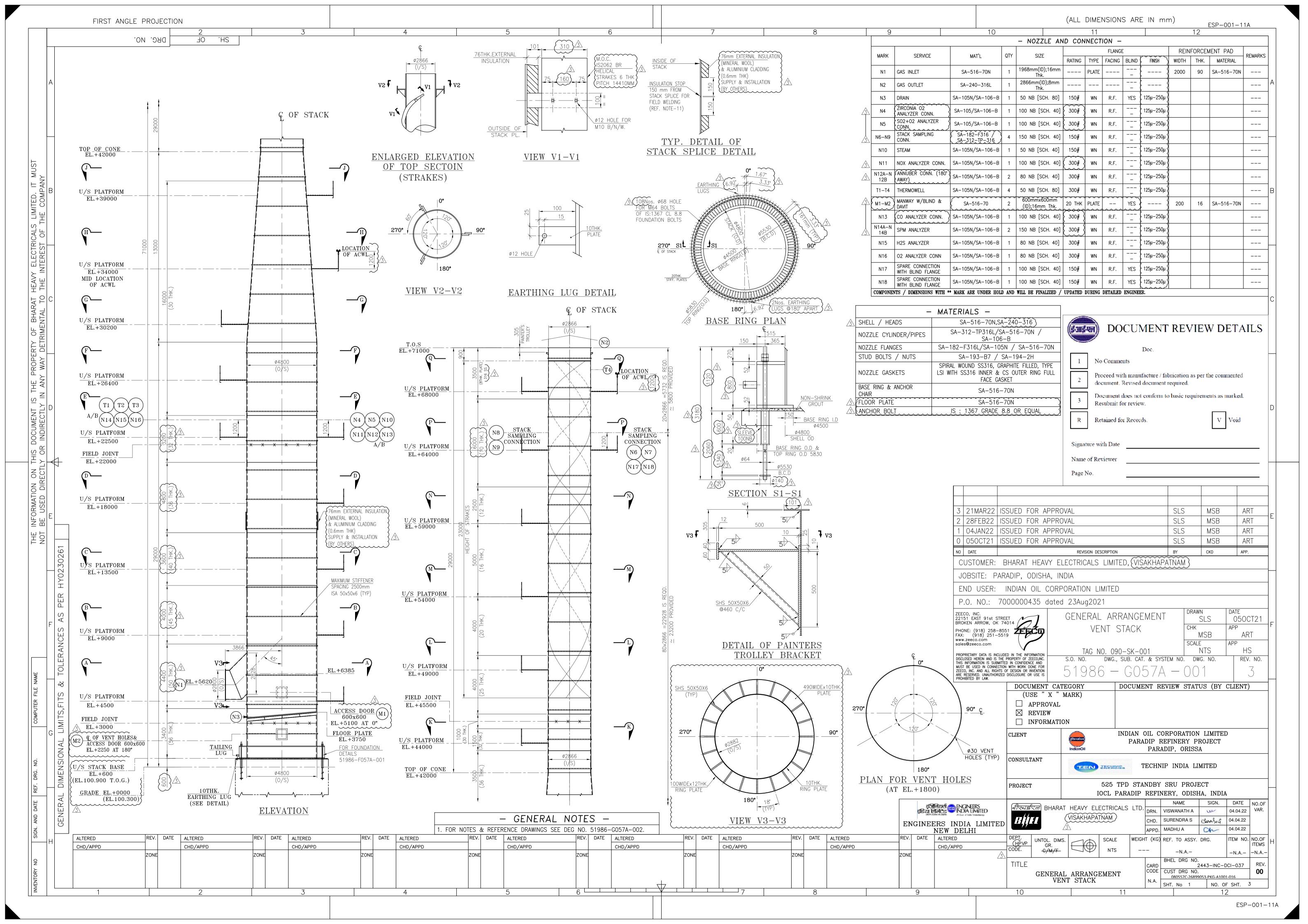


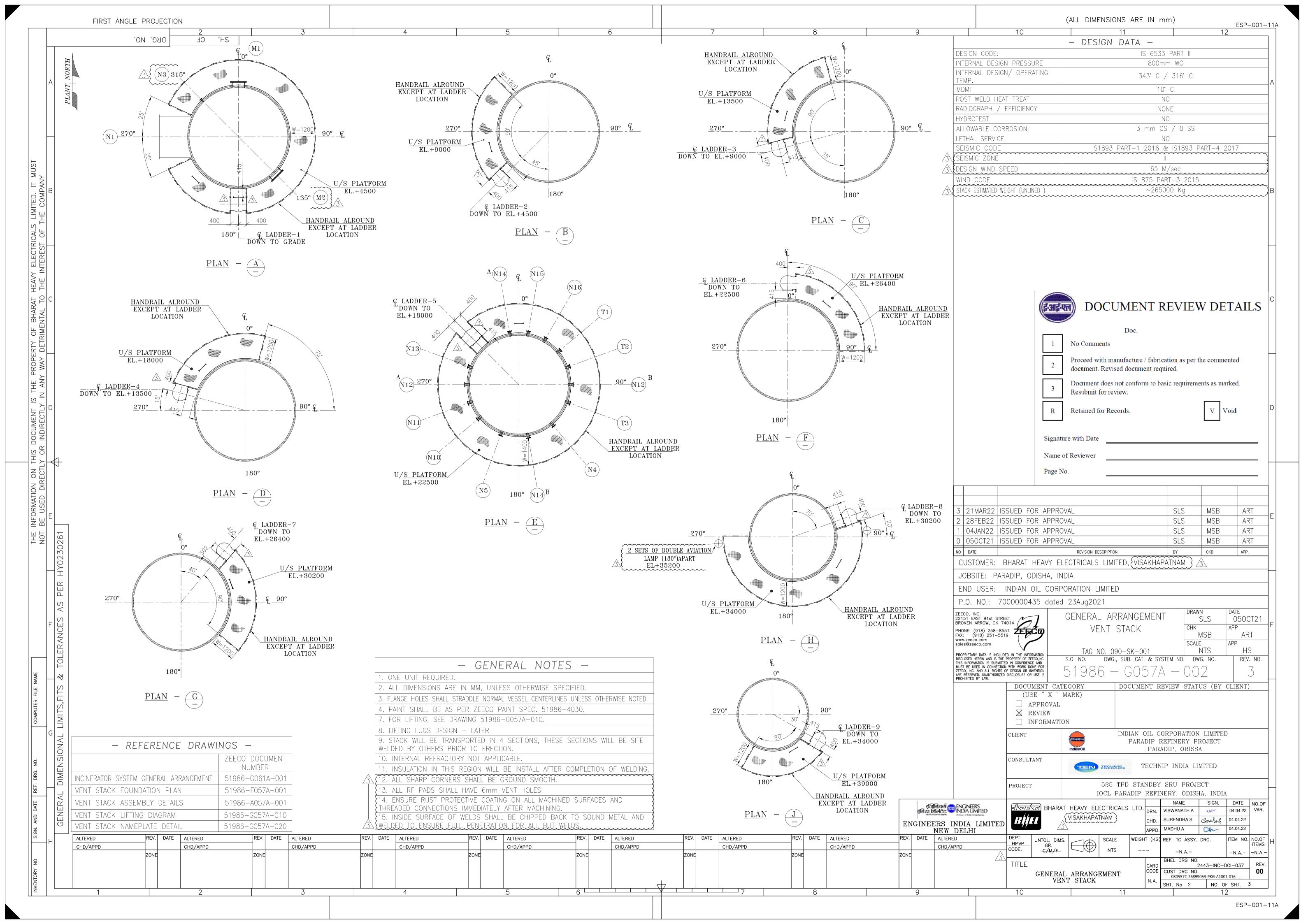


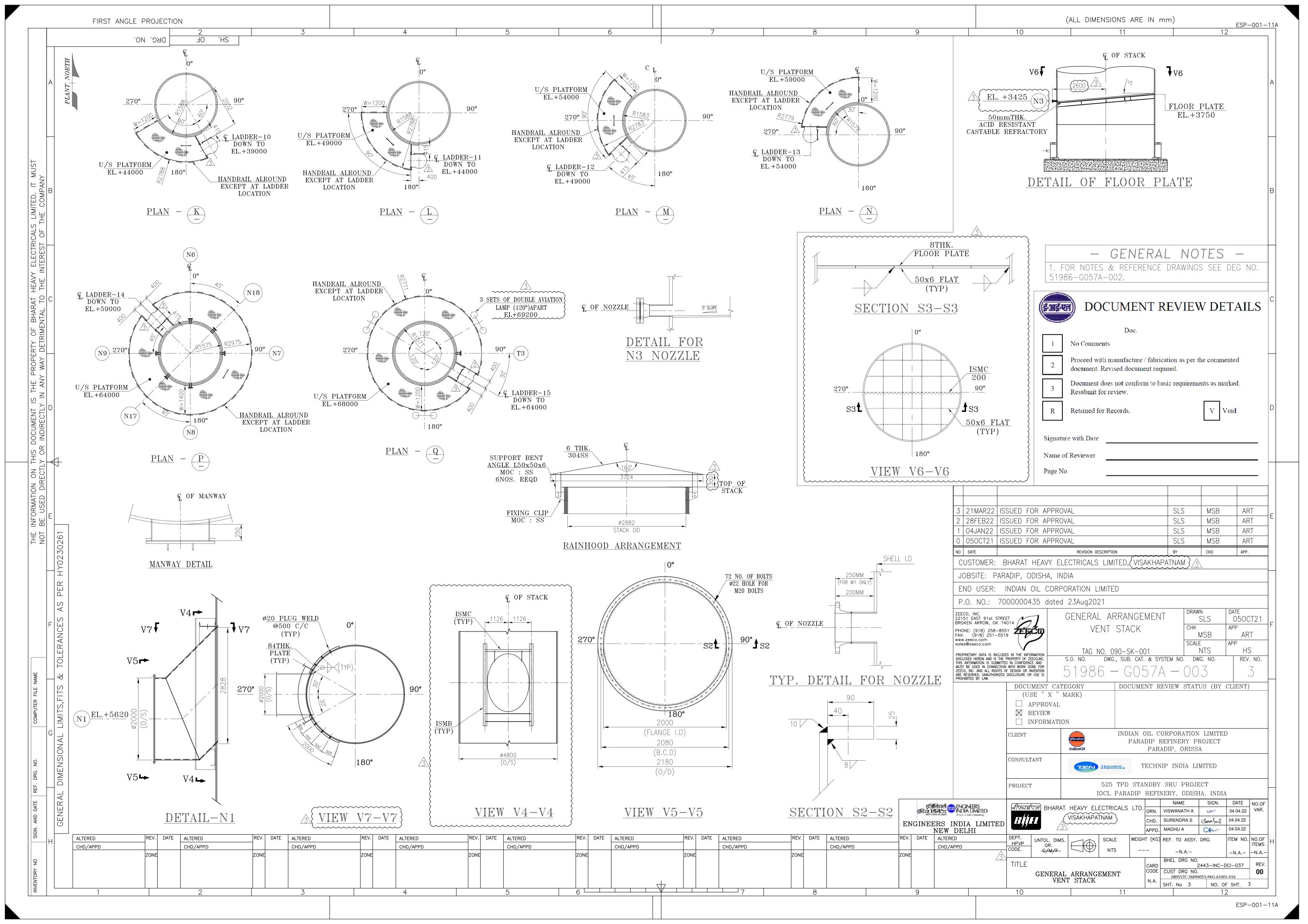
Project Na	ame	525 TPD STANDBY SRU PROJECT IOCL PARADIP REFINERY, ODISHA, INDIA							
CRS Date)	15-Mar-22							
CUSTOM	ER DOC. NO.	080557C-26899053-PKG-A0102-237							
Zeeco DV		51986-G057A-001							
BHEL DO		2443-INC-DCI-037							
Documen	it Name	Vent Stack GAD							
Subject Rev		CRS of Vent Stack GAD Incinerator							
No.	Pg. No.	Comments	M/s Zeeco's Response						
1	1	This calc. is closed as void due to the following reasons: In reference to the previous comments, vendor has agreed to compliance to all the code and requisition requirements. However, we find that vendor is not complying with the requirements specified at Cl. 7.2.4a of IS 6533 Pt. 2 pertaining to the the height of the belling/ flaring. Vendor to ensure compliance to code. -Dynamic load calculations are incorrect as the Units considered for Pdyn shall be Kg and not Kg/m. Vendor to check and correct the calculations. -There is an error in the duct opening reinforcement calculations. Vendor to check and correct	The gemetry proposed is superior than the codal specification. We request to accept the geometry followed. Dynamic loads & Duct openning calculations will be revised as per comments.						
2	1	Vendor to clarify how differential expansion shall be taken care between shell and strakes	Slots are provided in the cleat welded on stack and the strake and the same are connected with each other by bolts. The same arrangement is followed in the						
3	1	Vendor to add painting and primer details, surface prep. details. Vendor to ensure compliance to PR requirements.	Zeeco will ensure MR requirement as per painting spec Hwever GAD will not have painting details. Seperate painting procedure will be submitted for review. Painting procedure documet ref number will be mentioned in GAD						
4	1	In reference to the previous comments, vendor has agreed to compliance to all the code and requisition requirements. However, we find that vendor is not complying with the requirements specified at Cl. 7.2.4a of IS 6533 Pt. 2 pertaining to the height of the belling/ flaring. Vendor to ensure compliance to code.	With reference to the response for point no 1 the geometry is superior than the codal specification						
5	1	Strake projection of 290 is incorrect as per code. Same shall be 310 mm min. Vendor to check and correct as per IS 6533 pt. 2. As commented previously, specify strake thickness.	Noted and updated in the revised drawing						
6	1	Add following notes -All sharp corners shall be ground smooth All RF pads shall have 6mm vent holes - Ensure rust protective coating on all machined surfaces and threaded connections immediately after machiningInside surface of welds shall be chipped back to sound metal and relded to ensure full penetration for all but welds	Noted and updated in the revised drawing						
7	1	Vendor to include the following information in design data: - Design wind speed - Seismic Zone - Joint Efficiency. - Weight of unlined stack	Noted and updated in the revised drawing						
8	1	Vendor to consider square (600x600) manway instead of round 600 dia. for ease of access	Noted, Zeeco has followed Licensor Datasheet and designed circular Manhole, however based on comment from EIL we will updateit as Square shape. Please note Obtaining deviation will not be scope of Zeeco for this change						
9	1	Description mismatch with the DS of stack. Check and correct.	Noted and updated in the revised drawing						
10	1	Add column/note for surface finish	Noted and updated in the revised drawing						
11	1	Update in DS. N17 SPARE CONNECTION SA-105/ 1	Noted, will be updated in next revision						
12	1	Vendor had confirmed in the CRS to include lug and trunion detail in this submission. However the same are not indicated. Vendor to show lifting lugs/trunion the GAD	Noted, the lifting lugs and trunnion details will be provided in next revision						
13	1	As insulation thickness is 76 mm, vendor needs to check and correct this dimension.	Noted and updated in the revised drawing						
14	1	Specify Anchor bolt MOC.	Noted and updated in the revised drawing						
15	1	Check and correct the date.	This is Rev.0 date and no need to change for every revision, for latest date refer revison table.						
16	1	Vendor to capture the record of revision in this space.	Per instruction from BHEL, Zeeco will update only Zeeco's Title block, Rest shall be updated by respective agency						
17	1	Vendor has resubmitted doc. on 02.03.22. Previous doc. was closed on 21.01.22. Vendor to ensure timely resubmission of documents	Noted						

No.	Pg. No.	Comments	M/s Zeeco's Response
18	1	IVENDOR SNAIL DUT DIS SIGNATURE DERE	Per instruction from BHEL, Zeeco will update only Zeeco's Title block, Rest shall be updated by respective agency
19	1	Ispecity the variation no	Please note, as per instruction from BHEL, the same shall be updated by BHEL while submitting futher
20	1	Vendor to clarify why the GAD is NTS. Vendor to prepare the GAD as per scale.	we confirm here that drawing is in scale, However there are many views in one sheet with different scale for clear visulization of parts, and we can not mention one scale for one sheet, due to this reason NTS mentioned in title block.
21	2	It is vendor responsibility to ensure the correctness of all data, specs, design parameters, dimensions, MOC, design criteria, calculations, units, loading, codes and standards referred, and conformance to MR and PR requirements as It is a vendor designed item. However if there is any problem/ issue during erection, commissioning and post commissioning stage vendor to rectify without time and cost implication. any changes that arise due to comments/changes in calculation shall be incorporated by the vendor without any time and cost implication.	Noted
22	2	As commented previously, vendor to provide chain type gate at the platform entry from ladder.	Noted and updated
23	3		Only Drain nozle s shown in GAD as it is Equipment GAD. Drain piping will be part of Piping drawings.
24	3	As commented previously, floor plate shall be structurally stiffened/ supported. However, vendor has not indicated the floor plate stiffener details (MOC, size etc. in the GAD. Also indicate the floor plate thickness.	Noted and updated
25	3	Specify refractory and anchor MOC.	Noted.To be updated in next revision after receipt of drawing from refractory vendor.
26	3	Specify gap from stack outlet. Vendor to ensure sufficient gap for flue gas dispersion.	Noted and updated
27	3	Reinforcement detail is not clear. Vendor to show this view in the GAD so that the reinforcement detail can be checked.	Noted and it will be updated based on the final calculations
No.	Pg. No.	Electrical Comments	M/s Zeeco's Response
28	7	1. Vendor shall ensure that the aviation lights at top of stack are placed so farbelow the top, so that generated heat cannot damage the luminaries and its supports.	Noted, Warning lights are located as per IS 6533 guidelines, Top light will come below 1.5mtrs of stack top.
29	7	Separate drawing shall be furnished for lighting of incinerator package(including lighting in stack).	ACWL elevation and quantity is shown in GAD
30	7	3) Proper acess for maintenance of Aviatiation fixtures shall be ensured at respective elevations	Aviatition fixtures are mounted on flatform so proper access is available.
31	7	4) 02 nos. earthing lugs shall be provided at diametrically opposite positions	Noted and updated
32		5) 03 sets of double aviation lamps shall be provided at this elevation	Noted
No.	Pg. No.	Structural Comments	M/s Zeeco's Response
33	13	DIMENSIONS OF ANCHOR PLATE & SLEEVE SHALL BE MENTIONED IN THE DRAWING	
34	13	U/S OF STACK BASE LEVEL HAS BEEN REVISED TO EL. 100.900 (TOG) TO ACCOMODATE FOUNDATION BOLTS IN PEDESTAL, ACCORDINGLY ALL OTHER LEVELS SHALL BE REVIEWED.	

No.	Pg. No.	Comments	M/s Zeeco's Response
35	13	EL+1800 AT 180° U/S STACK BASE EL 100.900 (TOG) LUG EL+500+600 GRADE EL 100.300	Based on request to elevate Pedestal height by 300 , total height of pedestal will be ensured as 600mm
		1. RELEVANT STANDARD FOR HANDRAILS & TYPE TO BE MENTIONED IN THE NOTES.	
		2. RELEVANT STANDARD FOR PLATFORM GRATINGS & THICKNESS/TYPE TO BE MENTIONED IN THE NOTES.	Noted and the relevent details specified in the applicable specifications will be
36	14	3. GRADE OF STRUCTURAL STEEL FOR PLATFORMS TO BE MENTIONED IN THE DRAWING/ NOTES.	taken care.
		4. STRUCTURAL STEEL , GRATINGS & HANDRAIL MTO TO BE PROVIDED IN THE DRAWING. 5. PAINTING OF STRUCTURAL STEEL SHALL BE AS PER REVEVANT TENDER SPECIFICATION.	
		5. FAINTING OF STRUCTURAL STELL SHALL BE AS FER REVEVANT TENDER SFECIFICATION.	
		PLATFORM WIDTH & ELEVATION SHALL BE AS PER VENDOR/ PIPING REQUIREMENTS.	
37	14	HANDRAILS, PLATFORM GRATINGS & STRUCTURAL STEEL SHALL BE INLINE WITH EDB REQUIREMENTS AND TENDER STANDARDS/ SPECIFICATIONS.	Noted







Project Na	ame	525 TPD STANDBY SRU PROJECT IOCL PARADIP REFINERY, ODISHA, INDIA							
CRS Date)	15-Mar-22							
CUSTOM	ER DOC. NO.	080557C-26899053-PKG-A0102-237							
Zeeco DV		51986-G057A-001							
BHEL DO		2443-INC-DCI-037							
Documen	it Name	Vent Stack GAD							
Subject Rev		CRS of Vent Stack GAD Incinerator							
No.	Pg. No.	Comments	M/s Zeeco's Response						
1	1	This calc. is closed as void due to the following reasons: In reference to the previous comments, vendor has agreed to compliance to all the code and requisition requirements. However, we find that vendor is not complying with the requirements specified at Cl. 7.2.4a of IS 6533 Pt. 2 pertaining to the the height of the belling/ flaring. Vendor to ensure compliance to code. -Dynamic load calculations are incorrect as the Units considered for Pdyn shall be Kg and not Kg/m. Vendor to check and correct the calculations. -There is an error in the duct opening reinforcement calculations. Vendor to check and correct	The gemetry proposed is superior than the codal specification. We request to accept the geometry followed. Dynamic loads & Duct openning calculations will be revised as per comments.						
2	1	Vendor to clarify how differential expansion shall be taken care between shell and strakes	Slots are provided in the cleat welded on stack and the strake and the same are connected with each other by bolts. The same arrangement is followed in the						
3	1	Vendor to add painting and primer details, surface prep. details. Vendor to ensure compliance to PR requirements.	Zeeco will ensure MR requirement as per painting spec Hwever GAD will not have painting details. Seperate painting procedure will be submitted for review. Painting procedure documet ref number will be mentioned in GAD						
4	1	In reference to the previous comments, vendor has agreed to compliance to all the code and requisition requirements. However, we find that vendor is not complying with the requirements specified at Cl. 7.2.4a of IS 6533 Pt. 2 pertaining to the height of the belling/ flaring. Vendor to ensure compliance to code.	With reference to the response for point no 1 the geometry is superior than the codal specification						
5	1	Strake projection of 290 is incorrect as per code. Same shall be 310 mm min. Vendor to check and correct as per IS 6533 pt. 2. As commented previously, specify strake thickness.	Noted and updated in the revised drawing						
6	1	Add following notes -All sharp corners shall be ground smooth All RF pads shall have 6mm vent holes - Ensure rust protective coating on all machined surfaces and threaded connections immediately after machiningInside surface of welds shall be chipped back to sound metal and relded to ensure full penetration for all but welds	Noted and updated in the revised drawing						
7	1	Vendor to include the following information in design data: - Design wind speed - Seismic Zone - Joint Efficiency. - Weight of unlined stack	Noted and updated in the revised drawing						
8	1	Vendor to consider square (600x600) manway instead of round 600 dia. for ease of access	Noted, Zeeco has followed Licensor Datasheet and designed circular Manhole, however based on comment from EIL we will updateit as Square shape. Please note Obtaining deviation will not be scope of Zeeco for this change						
9	1	Description mismatch with the DS of stack. Check and correct.	Noted and updated in the revised drawing						
10	1	Add column/note for surface finish	Noted and updated in the revised drawing						
11	1	Update in DS. N17 SPARE CONNECTION SA-105/ 1	Noted, will be updated in next revision						
12	1	Vendor had confirmed in the CRS to include lug and trunion detail in this submission. However the same are not indicated. Vendor to show lifting lugs/trunion the GAD	Noted, the lifting lugs and trunnion details will be provided in next revision						
13	1	As insulation thickness is 76 mm, vendor needs to check and correct this dimension.	Noted and updated in the revised drawing						
14	1	Specify Anchor bolt MOC.	Noted and updated in the revised drawing						
15	1	Check and correct the date.	This is Rev.0 date and no need to change for every revision, for latest date refer revison table.						
16	1	Vendor to capture the record of revision in this space.	Per instruction from BHEL, Zeeco will update only Zeeco's Title block, Rest shall be updated by respective agency						
17	1	Vendor has resubmitted doc. on 02.03.22. Previous doc. was closed on 21.01.22. Vendor to ensure timely resubmission of documents	Noted						

No.	Pg. No.	Comments	M/s Zeeco's Response]
18	1	Vendor shall put his signature here.	Per instruction from BHEL, Zeeco will update only Zeeco's Title block, Rest shall be updated by respective agency	
19	1	Specify the variation no. Specify the variation no. Specify the variation no.	Please note, as per instruction from BHEL, the same shall be updated by BHEL while submitting futher	
20	1	Vendor to clarify why the GAD is NTS. Vendor to prepare the GAD as per scale.	we confirm here that drawing is in scale, However there are many views in one sheet with different scale for clear visulization of parts, and we can not mention one scale for one sheet, due to this reason NTS mentioned in title block.	
21	2	It is vendor responsibility to ensure the correctness of all data, specs, design parameters, dimensions, MOC, design criteria, calculations, units, loading, codes and standards referred, and conformance to MR and PR requirements as It is a vendor designed item. However if there is any problem/ issue during erection, commissioning and post commissioning stage vendor to rectify without time and cost implication. any changes that arise due to comments/changes in calculation shall be incorporated by the vendor without any time and cost implication.		
22	2	As commented previously, vendor to provide chain type gate at the platform entry from ladder.	Noted and updated	
23	3	As commented previously, vendor to show drain pipe and funnel arrangement in the GAD. Vendor to show the same and distance of drain pipe from the stack center line. Note- Drain pipe shall steer clear from the bottom chair.	Only Drain nozle s shown in GAD as it is Equipment GAD. Drain piping will be part of Piping drawings.	
24	3	As commented previously, floor plate shall be structurally stiffened/ supported. However, vendor has not indicated the floor plate stiffener details (MOC, size etc. in the GAD. Also indicate the floor plate thickness.	Noted and updated	
25	3	Specify refractory and anchor MOC.	Noted.To be updated in next revision after receipt of drawing from refractory vendor.	
26	3	Specify gap from stack outlet. Vendor to ensure sufficient gap for flue gas dispersion.	Noted and updated	
27	3	Reinforcement detail is not clear. Vendor to show this view in the GAD so that the reinforcement detail can be checked.	Noted and it will be updated based on the final calculations	
No.	Pg. No.	Electrical Comments	M/s Zeeco's Response	
28	7	1. Vendor shall ensure that the aviation lights at top of stack are placed so farbelow the top, so that generated heat cannot damage the luminaries and its supports.	Noted, Warning lights are located as per IS 6533 guidelines, Top light will come below 1.5mtrs of stack top. Except Aviation	n fixtures other lighting
29	7	Separate drawing shall be furnished for lighting of incinerator package(including lighting in stack).	ACWL elevation and quantity is shown in GAD fixtures also to lighting, in sepa	be shown for area arate drawing
30	7	3) Proper acess for maintenance of Aviatiation fixtures shall be ensured at respective elevations	Aviatition fixtures are mounted on flatform so proper access is available.	
31	7	4) 02 nos. earthing lugs shall be provided at diametrically opposite positions	Noted and updated	
32	8	5) 03 sets of double aviation lamps shall be provided at this elevation	Noted Drawing not found updated.	
No.	Pg. No.	Structural Comments	M/s Zeeco's Response	-
33	13	DIMENSIONS OF ANCHOR PLATE & SLEEVE SHALL BE MENTIONED IN THE DRAWING		
34	13	U/S OF STACK BASE LEVEL HAS BEEN REVISED TO EL. 100.900 (TOG) TO ACCOMODATE FOUNDATION BOLTS IN PEDESTAL, ACCORDINGLY ALL OTHER LEVELS SHALL BE REVIEWED.		

No.	Pg. No.	Comments	M/s Zeeco's Response
35	13	EL+1800 AT 180° U/S STACK BASE EL 100.900 (TOG) LUG EL+500+600 GRADE EL 100.300	Based on request to elevate Pedestal height by 300 , total height of pedestal will be ensured as 600mm
		1. RELEVANT STANDARD FOR HANDRAILS & TYPE TO BE MENTIONED IN THE NOTES.	
		2. RELEVANT STANDARD FOR PLATFORM GRATINGS & THICKNESS/TYPE TO BE MENTIONED IN THE NOTES.	Noted and the relevent details specified in the applicable specifications will be
36	14	3. GRADE OF STRUCTURAL STEEL FOR PLATFORMS TO BE MENTIONED IN THE DRAWING/ NOTES.	taken care.
		4. STRUCTURAL STEEL , GRATINGS & HANDRAIL MTO TO BE PROVIDED IN THE DRAWING. 5. PAINTING OF STRUCTURAL STEEL SHALL BE AS PER REVEVANT TENDER SPECIFICATION.	
		5. FAINTING OF STRUCTURAL STELL SHALL BE AS FER REVEVANT TENDER SFECIFICATION.	
		PLATFORM WIDTH & ELEVATION SHALL BE AS PER VENDOR/ PIPING REQUIREMENTS.	
37	14	HANDRAILS, PLATFORM GRATINGS & STRUCTURAL STEEL SHALL BE INLINE WITH EDB REQUIREMENTS AND TENDER STANDARDS/ SPECIFICATIONS.	Noted

DOC	UMENT C	ATEGORY			OCUMEN	IT REVIE	W STA	TUS (BY CLI	ENT)	
(USE "X" N	//ARK)\								
X APPR	OVAL									
REVIE										
므	-··· RMATION									
	WATION							2		
TEN	TECHNIP ENERGIES	CONTRACTO DOCUMENT REVIEW	R							
1-	NOT REVIEW	VED/ RESUBMIT	t							
✓ 2-	REVIEWED (WITH COMMEN	ITS)				- 6 .1			
3-	3 – REVIEWED (NO COMMENTS) THIS APPROVAL DOES NOT ABSOLVE THE SUPPLIER / CONTRACTOR OF THEIR						100	alakuma	aran	
				T.EN I	CHNIP		Pan	dian		
200 1 (200 (200 (200 (200 (200 (200 (200					hecked	d by	2022.05.02 13:23:54			
CON	CONTRACTUAL O				Hecket	аБу	+05	5'30'		
	KESFONSIE	, i							1	
		1977 (1971) (1971) (1971) (1971)				W	,	Øi.		d
1				D & ISSUEI	AG AG				LSJ	
0				OR ENGIN			AV		LSJ	
RE	/	DATE	DETAIL	S OF RE	VISION	PREPA	ARED	CHECKED	AP	PROVED
CLIENT		इंडियनऔपल IndianOil		11	PARAD		NERY I	ON LIMITEI PROJECT HA	D .	
CONSULTA	ANT	(FREE	J ZEST	SIEs		TECH	NIP EN	NERGIES		
PROJECT					D STANE					
PROJECT		1		CL PARA	ADIP REF	INERY,	ODISH	IA, INDIA		
ESC		इंडिया सिमेट्ड का NX	NERS AUMITED							
बी एचई एल		ВНЕ	ĒL	DRN	AG	A	G .	20.04.22	EIL	
HHH		Hydera	abad	CHD	V UDAY		lay	20.04.22		
DEPT. PE	&SD.	CODE	450	APPD	G SRIKANT	37.0		20.04.22		
				TITLE- U	INIT PLOT P	LAN STAN	D BY SR	RU-3 & TAIL GA	S INCINE	RATOR
HEAVY ELECT	RICALS LIMIT	ent is the property	used directly	BHEL/EII	L DRG NO I	B366-088-1	6-43-000	001		REV
or indirectly i		imental to the inter pany	est of the	CUST. DI	RG NO 080	0557C-2689	9053-PI	P-A0201-001		2
				SHT NO.	- 1 of 2	NO. OF S	SHT 2			
		1		SHT NO.	- 1 of 2	NO. OF S	SHT 2			

