



आईआरईएल (इंडिया) लिमिटेड
IREL (India) Limited

(भारत सरकार का उपक्रम)
(A Govt. of India Undertaking)
CIN : U15100MH1950GOJ008187 Website : www.irel.co.in
ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Company



CORRIGENDUM - I

24.09.2026

Tender Number: IREL/MK//ET/7/2026-27 dated 21.08.2026

Tender Id: 2026_IREL_288436_1 dated 21.08.2026

Work Description: Request for Proposal (RFP) for selection of agency for installation of De-Sliming system at HUS (MK Unit) on Engineering Procurement Construction (EPC) Basis

With reference to the above tender, the following changes in the tender documents are proposed to be incorporated:

Description	Existing	To be read as
Date of closing of bid for submission of bids	08.10.2026, 15.00 Hrs	09.10.2026, 13.00 Hrs
Date & time of opening of cover 1	09.10.2026, 15.30 Hrs	10.10.2026. 13.30 Hrs

Modifications in the tender document along with the responses to the queries raised by the bidders are attached as enclosures.

All other terms and conditions shall remain unaltered.

24 Sep 26.
HOD (Purchase)

मणवाळकुरिचि, कन्याकुमारी, जिला, तमिलनाडु - 629 252
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Regd. Office: Plot No.1207, Veer Savarkar Marg, Near Siddhivinayak Temple, Prabhadevi, Mumbai - 400 028.

Corrigendum - I

Sl. No	Description	Existing	To Read as
1	Clause 6.2.8 Performance Guarantee Pg 96/248	During the PG test, if there are interruptions because of the reasons attributable to IREL, the duration of PG test shall be extended by the duration of interruptions to enable PG test for 5 days. However, if during the test runs, there is an interruption exceeding 1 hour due to reasons attributable to the Selected Bidder, e.g. Equipment breakdown, resource mobilization etc. the PG test will be discontinued. The PG test shall be repeated by the Selected Bidder on mutually decided date by both the parties	During the PG test, if there are interruptions because of the reasons attributable to IREL, the duration of PG test shall be extended by the duration of interruptions to enable PG test for 5 days. However, if during the test runs, there is an interruption exceeding 1 hour due to reasons attributable to the Selected Bidder, e.g. Equipment break down resource mobilization etc. the PG test will be discontinued. The PG test shall be repeated by the Selected Bidder on mutually decided date by both the parties In the event of interruptions for reasons not attributable to the selected bidder while conducting the PG test, the duration of such stoppages shall be excluded from the test duration and the resumption thereafter shall be treated as continuous test for the purpose of PG.
2	Clause 6.3 Implementation Period Pg 96/248	The Selected Bidder shall complete the commissioning of all proposed installations/ circuits & associated facilities in this ToR including 2 months of operation and maintenance assistance within a period of fourteen (14) months from the effective date. Level-II Network shall be updated monthly by the Selected Bidder and detail status/ delay analysis reports shall be submitted to IREL along with the Monthly Progress Report.	The Selected Bidder shall complete the commissioning of all proposed installations/ circuits & associated facilities in this ToR including 2 months of operation and maintenance assistance within a period of Seventeen (17) months from the effective date. Level-II Network shall be updated monthly by the Selected Bidder and detail status/ delay analysis reports shall be submitted to IREL along with the Monthly Progress Report
3	Article 5 Cl.No.5.1,	This Agreement shall take effect from the Effective Date of the Agreement and shall remain in force till completion	This Agreement shall take effect from the Effective Date of the Agreement and shall remain in force till completion of

	Duration of Agreement Pg 193/248	of operation & maintenance assistance subsequent to commissioning (for a period of fourteen (14) months). In case of any delay in commissioning of the project by the Agency the duration of agreement shall be suitably extended.	operation & maintenance assistance subsequent to commissioning (for a period of Seventeen (17) months). In case of any delay in commissioning of the project by the Agency the duration of agreement shall be suitably extended
4	Article 18 Cl.No.18.2.1, Pg 208/248	The De-sliming system will be commissioned within 12 months from the Effective Date and followed by 2 months of operation and maintenance assistance.	The De-sliming system will be commissioned within 15 months from the Effective Date and followed by 2 months of operation and maintenance assistance.
5	Article 16 Cl.No 16.6, Pg 204 / 248	The Agency shall ensure that installation and Commissioning on the land/ space provided by IREL, within a stipulated period of fourteen (14) months from the Effective Date of the Agreement, subject to the terms mentioned in Clause 16.11& Article 16 herein below	The Agency shall ensure that installation and Commissioning (inclusive of O&M period) on the land/ space provided by IREL, within a stipulated period of seventeen (17) months from the Effective Date of the Agreement, subject to the terms mentioned in Clause 16.11&Article 16 herein below.
6	Article 27 Cl.No 27.4.1.c, Pg 222 / 248	The Agency fails to ensure that Works Completion Date of the De-sliming system is achieved within fourteen (14) months of the Effective Date;	The Agency fails to ensure that Works Completion Date of the De-sliming system is achieved within seventeen (17) months of the Effective Date;
7	Article 6 Cl.No 6.2, Pg 194/ 248	Bank guarantee shall be as per format given at Annexure-I, valid for sixteen (16) months (2 month beyond the Duration of Agreement) from the date of issue with an additional claim period of ninety (90) days beyond expiry and shall be issued from any scheduled bank. Other instruments for Security Deposit in place of bank guarantee shall be in favour of "IREL (India) Limited" payable at Manavalakurichi, Kalkulam, Kanyakumari, Tamil Nadu;	Bank guarantee shall be as per format given at Annexure-I, valid for nineteen (19) months (2 month beyond the Duration of Agreement) from the date of issue with an additional claim period of ninety (90) days beyond expiry and shall be issued from any scheduled bank. Other instruments for Security Deposit in place of bank guarantee shall be in favour of "IREL (India) Limited" payable at Manavalakurichi, Kalkulam, Kanyakumari, Tamil Nadu;
8	Article 6 Cl.No 6.4.1,	The Agency may initially provide the Security Deposit for a period of sixteen (16) months ; provided that it shall procure the extension of the	The Agency may initially provide the Security Deposit for a period of nineteen (19) months ; provided that it shall procure the extension of the validity of

	Pg 194/ 248	validity of the Security Deposit, as necessary, at least 2 (two) months prior to the date of expiry thereof. Upon the Agency providing an extended Security Deposit, the previous Security Deposit shall be deemed to be released and IREL shall return the same to the Agency after submission of the extended Security Deposit.	the Security Deposit, as necessary, at least 2 (two) months prior to the date of expiry thereof. Upon the Agency providing an extended Security Deposit, the previous Security Deposit shall be deemed to be released and IREL shall return the same to the Agency after submission of the extended Security Deposit.
9	6.1.9,(e)(ii) Page 30/248	Part II Programme for completion of scope of work covering all major Project Milestones within the time period of 14 months specified for the complete project.	Part II Programme for completion of scope of work covering all major Project Milestones within the time period of 17 months specified for the complete project.

Response for the queries submitted by the prospective bidders

Sl. No	Clause No.	Description	Query	Clarification
1.	2.3 Conditions of Eligibility of Bidders	In case the member of consortium or their subcontractor/supplier is from a country which shares a land border with India, such consortium member/ subcontractor / supplier shall be registered with competent authority as per Rule 144 (xi) of the GFRs 2017 for meeting eligibility	Considering that the registration process with competent authority involves certain procedural requirements and may require a reasonable period for processing, kindly clarify whether such registration may be obtained/submitted after award of the contract subject to compliance with all applicable statutory requirements on furnishing an undertaking in respect of the same at time of bidding.	RFP condition would prevail.
2.	2.4 Pre-Qualification Criteria	The Bidder should have completed at least 1(One) EPC Project (engineering, procurement/supply, construction, erection and commissioning) on lump-sum turnkey basis in any mining or mineral processing industry. The Bidder shall submit Contract copies and Completion Certificates/ final acceptance certificates/commissioning certificates or any other relevant supporting documents in evidence of meeting the above requirement, as per format on Annex-II of Appendix-1	We respectfully request the authority to also consider completed EPC projects on lump sum turnkey basis in Thermal Power plants and Refineries. Given the similar nature, scale and technical complexity of bulk handling and process installations in these core sectors, this inclusion will ensure wider competition and enable established EPC players to submit competitive techno-commercial bids for this prestigious project.	RFP condition would prevail.
3.	1.4 & 2.11.2	-	Please confirm the applicable Tender Document Cost, as Clause 1.4 indicates INR 5,900 whereas Clause 2.11.2 indicates INR 5,000 plus GST.	The tender document cost is INR 5,000 +Rs.900 GST= Rs.5,900.

4.	-	-	Please provide the latest HUS General Arrangement drawings, elevations, plot plans, PFDs and P&IDs. This is required for accurate brownfield EPC engineering.	GA drawing with elevation & PFD attached. (Annexure-I). P&IDs are not applicable.
5.	-	-	Please provide topographical survey and geotechnical investigation reports for the proposed project area. Required for and structural design.	The layout finalization and structural design is under bidders' scope. The study, if any required is to be undertaken by the bidder.
6.	-	-	Please provide detailed feed characterization data, including historical HM percentage, slime percentage, PSD and seasonal variations. Required for process design and equipment sizing.	Feed characterization data is attached (Annexure-II). There will not be any seasonal variation in the feed material composition.
7.	-	-	Please confirm whether alternative process configurations may be proposed, provided all performance guarantees are achieved. Enables technical optimization and value engineering.	Please refer to Clause no. 6.1.3 (p)
8.	-	-	Please clarify sample quantity, sampling location and validation methodology for post-award test work. Required for process-development planning.	Sample can be collected from the HUS stockyard and the Successful Bidder shall follow appropriate methodology to meet the performance requirement as specified.
9.			Please provide marked drawings showing exact mechanical, civil, electrical and instrumentation battery limits. Avoid scope gaps and interface disputes.	Please Refer to the stipulations given at Clause no. 6.1.2. (page no.25/248)
10.			Please clarify MCC nomenclature and interfaces, particularly MCC5H, MCC6H and MCC7H references. Required for electrical design and costing.	MCC 5H is in use in the existing process at HUS and shall continue to exist. Supply & installation of MCC 6H & 7H shall be under bidder's scope.

11.			Please provide available electrical system information, including SLDs, transformer ratings, fault levels and feeder capacities. Required for complete electrical engineering.	Electrical SLD of HUS containing all details is attached (Annexure-III).
12.			Please provide existing PLC/SCADA architecture, communication protocol, spare I/O availability and integration philosophy. Required for automation scope definition.	Make – Phoenix Contact Communication Protocol: OPC-UA Model Number: AXC F1152. Spare I/O modules are not available.
13.			Please provide data sheets and layout drawings of existing CPD tanks, pumps and associated equipment. Required for tie-in and hydraulic calculations.	The tie-in interface pump details are attached (Annexure-IV).
14.			Please provide existing drawings of the trommel screen, mixing chamber, RCC Tank P1 and associated foundations. Required for demolition and installation planning.	Drawings of trommel screen, mixing chamber are attached (Annexure-V). Foundation drawing of RCC tank P1 (around 35 years old) is not available. However, drawing of the superstructure is attached (Annexure-VI).
15.			Please confirm whether the five-day shutdown period can be split into multiple shutdown windows.	Permissible.
16.			Please clarify the difference between the five-day shutdown provision and the fourteen-day shutdown reference in the Draft Agreement.	Five days shutdown is only for mixing chamber & trash screen replacement. Total shutdown period of 14 days includes the 5 days as stated above and for complete installation & integration of de-sliming system.

17.			Please provide pond water-level data and confirm the available space for the proposed pumping station.	Pond layout along with depth details attached. (Annexure-VII)
18.			Please confirm available footprint and height restrictions for thickener and filter-press installation.	Please refer Pond area footprint. (Annexure-VII)
19.			Please clarify construction-water and power-supply capacities available at the battery limit.	Required water & power shall be made available for execution of the work.
20.			Please identify areas available for laydown, storage, fabrication and temporary office facilities.	IREL shall provide open buffer area for storage. However, the responsibility towards safety & security of the men & materials shall rest with the bidder.
21.			Please clarify the design basis regarding seismic Zone III and the increased coefficient corresponding to Zone IV.	RFP condition would prevail.
22.			Please clarify the scope of approval by IIT/NIT/SERC/WAPCOS and the expected review procedure.	Structural design criteria specific to the location and structural detailed designing shall be prepared by bidder and got it approved by IIT/NIT/SERC/WAPCOS before submitting to IREL for approval.
23.			Please confirm the procedure for approval of equivalent equipment makes.	Approval shall be based on the proof of satisfactory Performance of the proposed equipment make used in Mining/Mineral industry.
24.			Please provide the detailed Performance Guarantee test protocol, sampling frequency and evaluation methodology.	Please refer to Clause 6.2.6 of Performance Guarantee

25.			Please clarify treatment of interruptions caused by feed unavailability, utility failure or IREL instructions during PG testing.	In the event of interruptions for reasons not attributable to the Successful Bidder while conducting the PG test, the duration of such stoppages shall be excluded from the test duration and the resumption thereafter shall be treated as continuous test for the purpose of PG. Considered and Corrigendum has been issued.
26.			Please provide laboratory-testing methods and the dispute-resolution process for PG evaluation.	As envisaged in Clause 6.2.6 of Performance Guarantee. In case of any dispute on the above, the decision of the EIC shall be final.
27.			Please clarify contractual treatment of concealed underground utilities and unforeseen subsurface conditions.	The price accepted by IREL at the time of award of the contract shall be firm & final.
28.			Please confirm the change-order mechanism for post-award engineering or scope modifications.	The price accepted by IREL at the time of award of the contract shall be firm & final.
29.			Please specify milestone-certification requirements and payment-approval timelines.	Please refer to Article 19, "Billing & Payment"
30.			Please clarify treatment of exchange-rate variation, customs duties and statutory changes for imported equipment.	The price accepted by IREL at the time of award of the contract shall be firm & final.
31.			Please confirm that extensions of time will be granted for IREL-caused delays, delayed approvals or shutdown unavailability.	EOT shall be provided for delays after investigation by IREL on the causes leading to the delay.

32.			Please confirm the consortium qualification methodology, particularly turnover, net worth and technical-qualification evaluation.	Please refer to PQC, Clause 2.4
33.			Trash Screen Configuration The tender document specifies a single-deck linear motion horizontal screen. Based on our experience with similar mineral sands operations and considering the anticipated volume of feed material and potential trash content, we recommend the use of a double-deck circular motion rinsing screen. This arrangement is expected to improve screening efficiency, trash removal, and operational reliability. Please confirm whether this alternative screen configuration would be acceptable.	Please refer to Clause no. 6.1.3 (p)
34.			Process Water/ process Pumps Our standard mineral sands process plant designs utilize Metso process water pumps, which have proven reliability and established service support. As the tender documentation does not specify Metso as preferred pump manufacturer, please confirm whether the proposed use of Metso water pumps is acceptable for this project.	Approval shall be based on the proof of satisfactory Performance of the proposed equipment make used in Mining/Mineral industry.
35.			Attrition Scrubber Slimes Generation For equipment sizing, water balance development, and thickener design, please provide details regarding the anticipated	The equipment selection & finalization falls under bidder's scope to meet the Performance Guarantee parameters.

			generation of slimes following attrition scrubbing. Specifically, please advise the expected percentage or tonnage of material reporting to the -45 micron fraction after attrition scrubbing.	
36.			Spiral Concentration Product and Tails PSD To enable detailed process design and equipment selection, please provide the Particle Size Distribution (PSD) data for: • Spiral Concentrate • Spiral Tails This information is required to verify downstream classification, hydrosizer performance, and dewatering requirements.	PSD details of the spiral concentrate and tails are to be derived through the test work after taking into account the existing spirals and this falls under bidder's scope to meet the Performance Guarantee parameters.
37.			Hydrosizer Overflow Stream The tender documentation does not clearly define any desliming or dewatering stage associated with the hydrosizer products. However, the process flowsheet indicates a hydrocyclone on the hydrosizer discharge stream, with the hydrocyclone overflow reporting to the thickener feed. Please provide: • PSD of the hydrocyclone overflow stream. • Expected solids concentration in the overflow stream. • Confirmation of any downstream treatment requirements associated	The information sought are to be derived through test work and this falls under bidder's scope.

			with this stream.	
38.			Attrition Scrubber Feed Preparation The current flowsheet appears to indicate feed preparation to the attrition scrubber through hydrocyclone classification alone. To achieve improved consistency and better control of feed density, we propose feeding the attrition scrubber using a combination of: • Hydrocyclone classification; and • Dewatering screen. This arrangement would provide improved control of the solids percentage entering the attrition scrubber and enhance scrubbing performance. Please confirm whether this proposed modification would be acceptable.	The equipment selection & finalization falls under bidder's scope to meet the Performance Guarantee parameters and suiting to the site condition.
39.			Thickener Design Criteria To facilitate proper thickener sizing and selection, please provide any available laboratory or pilot-scale data relating to: • Settling characteristics of slimes • Flocculant consumption data • Filtration characteristics • Underflow density targets • Overflow clarity requirements	The information sought are to be derived through test work and this falls under bidder's scope

40.			Thickener Type Selection Considering the anticipated slurry throughput and solids handling requirements, we believe a High-Rate Thickener (HRT) equipped with an appropriate rake mechanism would provide an efficient and robust solution for the application. Please confirm whether a High-Rate Thickener would be acceptable under the tender requirements.	The equipment selection & finalization is under bidder's scope.
41.			Thickener Installation Location During our previous site visit, it was indicated that the proposed thickener may be installed in the area currently occupied by the existing concrete settling ponds. If this remains the intended installation location, we request clarification on the following: • Depth and construction details of the existing ponds. • Whether the ponds will be decommissioned and filled by IREL prior to installation. • Whether a concrete foundation pad will be provided to achieve a thickener base elevation consistent with surrounding plant levels. We note that the thickener overflow pipeline may otherwise require routing across the site access road, potentially creating operational and maintenance	The layout and details of Settling Ponds which includes depth is enclosed. It is to be noted that Pond 1 alone has concrete flooring while Pond 2 & 3 are of natural earth. Process water shall be isolated from the Pond for execution of the work and filling material (Silica sand – HUS tailings) shall be provided by IREL. Concrete foundation pad etc., shall be under bidder's scope.

			challenges. Confirmation of the intended civil arrangement would therefore be appreciated.	
42.			Filter Press Requirements Please provide any available test work data and design criteria relating to the proposed filter press installation, including: • Feed PSD to the filter press. • Feed solids concentration. • Filtration test work results. • Expected cake moisture specification. • Required processing capacity. In addition, please clarify: • Whether IREL has a preferred filter press manufacturer or technology. • Whether equipment manufactured in China would be acceptable for this specific package. For clarity, all other major process equipment would be sourced and/or manufactured in India where practical. This query of Chinese equipment relates solely to the filter press package.	The information sought are to be derived through test work and this falls under bidder's scope Supply of equipment should conform to the guidelines issued by GFR and any other directives issued by Government of India.
43.			Material Transfer Points and Site Dimensions The tender documentation references various tie-in points including existing pumps, MCCs, pipelines, and process connections. To accurately estimate piping, pumping requirements, cable routing, structural steelwork, and	Please refer details of Tie-in furnished in Annexure-I, III, IV & VII. Since the equipment selection & finalization is under bidder's scope, exact details shall be decided by the bidder.

			installation quantities, please provide: • Exact coordinates or locations of collection and discharge points. • Elevations of tie-in points. • Interconnecting distances. • Existing plant drawings showing equipment locations. These dimensions are required to establish accurate engineering quantities and cost estimates.	The bidder who already visited the site and obtained site visit certificate from IREL may again visit the site before bid submission to assess the site conditions with prior intimation to IREL.
44.			Process Flow Diagram and Mass Balance Please provide a detailed Process Flow Diagram (PFD) showing: • Stream numbers • Flowrates • Solids percentages • Water balances • Mass balance information. This information is essential for verification of process equipment sizing and overall plant performance.	Process flow diagram is enclosed (Annexure-I, Pg 2/2).
45.			Site Layout and Tie-In Information Please provide the latest available: • Site General Arrangement (GA) drawings • Plant layout drawings • Equipment location plans • Tie-in details for existing services and process circuits. This information is required to assess installation constraints, constructability, equipment accessibility, and tie-in	Please refer details of Tie-in furnished in Annexure-I, III, IV & VII

			methodology.	
46.			Definition of Battery Limits The tender documentation does not clearly define the battery limits of the proposed scope. To avoid ambiguity during tender preparation and project execution, please provide a clear definition of: • Process battery limits • Mechanical battery limits • Electrical battery limits • Instrumentation battery limits • Civil and structural battery limits • Utility connection points. A battery limit drawing would be preferred where available.	Please refer to RFP clause 6.1.2 of scope of work.
47.			Existing Slurry Pump at RCC tank below the trash screen Existing slurry pump specification and duty parameters	At present two pumps are available in RCC tank. 1. 8/6 EAH Warman make slurry pump duty @ 10 m static head and 670 rpm 2. 4/3 AH Warman make slurry pump @ 9 m static head and 960 rpm
48.			Overflow of the existing CPD tank • As per the tender, there will be some overflow from the existing CPD tanks which will report to the thickener. Flowrate and percentage of solid need to be known to select the downstream	The present flowrate from CPD tanks overflow is approximately 400 m ³ /hr.

			equipment. Apart from the above, if there is any o/f reports to the thickener, percentage of solid and flowrate need to be specified for mass-water balancing.	
49.			Desliming of feed material before rougher spiral It is recommended to use dual washing for desliming considering the percentage of slimes in the raw material. Please confirm whether this would be acceptable. If the above is acceptable, the 2nd stage hydrocyclone will be above the distribution chamber of rougher spiral. Please confirm the space/height availability to accommodate the above modification.	The flowsheet and equipment selection falls under the bidder's scope. The space available between the roof and Spiral distributor is 4 m.
50.			Filter press conveyor - Specify the length of the conveyor of the filter press - Discharge height	Length of the conveyor will be around 50 m and above 4 m height from the surface.

51.			Execution time Given that representative samples are required to be shipped to and analysed by an international laboratory, we request an extension of the execution period from 12 + 2 months to 16 + 3 months.	Implementation Period is revised : 15 months (installation & commissioning) + 2 months (O&M assistance) Corrigendum has been issued.
52.	Clause 1.2.5, 6.1.3 (p), 6.2	Process flow sheet and performance guarantee: Bidder to develop and guarantee flow sheet performance.	Performance guarantee to be linked to approved test work and feed quality range established during pilot testing. PG parameters to be revisited.	PG parameters as per the RFP condition would prevail.
			Representative Sample to be collected by IREL and handed over to Bidder	Please refer clause 2.7.8 & 2.7.9
53.	Clause 1.2.2, 6.2	Feed characteristics: Feed contains 10-20% slime and throughput 180-220 TPH	PG guarantees applicable only within agreed feed PSD, mineralogy and slime content envelope based on the test work undertaken. The limits of variability in feed parameters shall be defined in the PG document. PG parameters shall be mutually discussed and agreed after test work.	PG parameters as per the RFP condition would prevail.

54.	Clause 6.2.2	PG test: Waiver for requirement of PG test	Not with standing anything to the contrary contained in the Contract, if the Contractor is unable to demonstrate the Performance Guarantees(PG) stipulated under Article12 of the Contract Agreement with in three (3) months from the scheduled date for the Performance Guarantee Test, for reasons not attributable to the Contractor, the requirement to demonstrate such Performance Guarantee parameters shall be deemed waived by the Owner. Upon the Contractor serving a written notice invoking such waiver, the Owner shall issue the Commissioning Certificate within seven(7) days from the date of Receipt of such notice.	RFP condition would prevail.
55.		PG test: Waiver for requirement of PG test	Bidder suggests to amend clause 6.2.2 as "Selected Bidder shall demonstrate the performance of de-sliming system for a minimum period of 72 hours of continuous operation at throughput of 180-220tph in HUS, through meeting the following Process deliverables"	RFP condition would prevail.
56.		PG test: 120-hour continuous operation PG test	In the event of interruptions for reasons not attributable to the Bidder while conducting the PG test, the duration of such stoppages shall be excluded from the test duration and the resumption thereafter shall be treated as	Considered and Corrigendum has been issued.

			continuous test for the Purpose of PG.	
57.	Clause 6.2(c)	Process parameters: Recycled water<1000 ppm solids	Clarify whether TSS, turbidity or particle concentration basis.	Particle concentration basis.
58.	Clause 6.2(d)	Process parameters: Filter cake moisture ≤30%	Subject to feed mineralogy and filter ability characteristics Established during test work.	RFP condition would prevail.
59.	Clause 1.2.5	Test Facility Criteria: Mandatory internationally reputed test facility	Equivalent internationally reputed mineral processing laboratory Should be acceptable.	RFP condition would prevail.
60.	Clause 6.1.3(p)	Indicative flow sheet Provided: Indicative flow sheet provided	Bidder should be allowed to optimize process route and Equipment selection without affecting bid evaluation.	Please refer to clause 6.1.3 (p)
61.	Clause 4.3.4	No deviation permitted After LOI	Technical refinements during detailed engineering should be Permitted with IREL approval.	RFP condition would prevail.
62.	Clause 6.1,I,7	Trash Screen	It defined in Clause 6.1.11-I-7, type of Trash screen is a wet vibrating screen. This can be replaced with a linear screen for the Purpose of trash removal.	Please refer to clause 6.1.3 (p) and last paragraph of V. Technical Specification of Process Equipment Part (page no. 55)
63.	Clause 6.1,V	Technical Specification and Process Equipment Part: Specific motor vendors listed	IEC-compliant equivalent manufacturers to be acceptable.	RFP condition would prevail.
64.	Clause 6.1.2	Battery Limit	Please share the data sheets/GA drawing, Layout and sectional drawings of the all equipments/systems sharing desliming process battery limit including but not limited to items mentioned as per Clause 6.1.2:	Please refer details of Tie-in furnished in Annexure-I, III, IV & VII
65.	Clause 6.1.2	Battery Limit: Battery limits defined but tie-in details absent	All tie-in points to be jointly verified before detailed engineering.	Agreed.

66.	6.1.5(c),6.1.7(c)	Structural Design Criteria	Kindly provide the detailed geotechnical investigation report including SBC, soil strata, ground water level and soil parameters For design of all foundations and structures.	Geotechnical investigation etc., falls under the scope of the Bidder.
67.	Appendix-10	Site Conditions	Kindly provide detailed topographical survey drawing with contours and existing reduced levels (RLs) within the project area.	Details sought falls under the scope of the Bidder.
68.	6.1.4(a)	Plant Layout: The Bidder is required to develop suitable layouts for the circuit within the available space. The bidder shall also develop their layout in such a way that the incoming, outgoing and in-plant slurry and water pipelines length are minimized. Layout shall be compact and optimized so that length of electric cables, pipe work, drainage system etc, are kept at the minimum without sacrificing the comfort of operational and maintenance requirement.	Kindly provide AutoCAD/Editable version of layout drawing of existing HUS plant showing all structures, equipment and available construction space. Also, please landmark the location of the new desliming plant.	PDF file attached. (Annexure-I & VII). Selection of equipment & layout shall be within the scope of bidder.
69.	Appendix-10	Seismic Design: Falling under zone–III as defined in IS:1983 However, an increased horizontal seismic coefficient corresponding to Zone–IV shall be used for project Execution purposes.	Kindly clarify the applicable seismic design basis as site is stated in Zone III whereas design requires Zone IV coefficient.	RFP conditions would prevail.
70.	57.2(c)	Wind Loading: Structural stability wind load has to be calculated as Per IS875(Part.III) with its latest amendments as plant is situated in a cyclonic prone Area.	Kindly provide design wind speed to be adopted for structural and building design considering coastal and cyclone-prone location.	The bidder shall comply with respective IS code and relevant information for the purpose shall be collected by the bidder from the concerned Authorities.
71.	II.3(a)	Site Development: Site clearance after removing all bushes, shrubs, uprooting stubs, clearing of Slime from pond, pipelines, any other scrap materials like cables, pipes, debris etc; are a survey of the proposed area of	Kindly indicate approximate quantity of bushes, debris, scrap materials and accumulated slime to be removed under site clearance scope.	Since the flow sheet design, equipment selection & design etc falls under the scope of the bidder, assessment of quantity to be removed for site development falls under the

		construction including site survey, area cutting/leveling are a development.		bidder's scope. The bidder who already visited the site and obtained site visit certificate from IREL may again visit the site before bid submission to assess the site conditions with prior intimation to IREL.
72.	37.3(e)	Existing Foundation Modifications: Construction of RCC framed foundations/ modification of existing foundation as per process/technological requirement for installation of trash removal from feed to HUS, slime removal from feed to HUS prior to processing in spiral, an Attrition scrubber for slime removal from output of HUS, de-watering de-sliming in tailing stream and pumping station with control room for process water at Settling pond in HUS	Kindly provide existing foundation drawings and details of structures that require modification or strengthening.	No foundation drawing of pond is available. Any other information required shall be provided during detailed engineering discussion.
73.	38.10(c)	Existing Utility Modification: Modifications in the existing culvert, channel etc, to accommodate the required flow rate and settling pond boundary with necessary supporting structures.	Kindly provide drawings of existing culverts, drains and channels expected to be modified.	Please refer to Annexure-VII.
74.	39.11(c)	RCC Retaining Wall: "Modifications in Pond-1 to ensure process over flow from HUS circuit(Stream-II)shall not contaminate the process water available in settling pond and isolation of the equipment location by construction Of RCC retaining wall.	Kindly provide indicative retaining wall length, height and loading conditions around Pond-1.	Please refer to (Annexure-VII) for dimension of Pond 1. The bidder shall derive the loading conditions from the information provided and site condition.
75.	55.1(iv)	Concrete Design: (Grade of concrete with cement content will be decided based on exposure condition).	Kindly provide exposure classification and durability Requirements to determine concrete grade and cover requirements.	The project site is about 80 meters from High Tide Line.

76.	55.1(xi)	New Foundations Near Existing Structures: The foundation has to be designed and made in such away that it should not harm the existing foundations near by. Adequate gap as per the design has to be maintained between the existing/new foundations. Safe clearance from existing foundation has to be maintained, as per instruction of EIC.	Kindly provide minimum permissible clearance requirements from existing foundations and structures.	The bidder shall ensure the structural stability of the existing structures by taking adequate precautionary measures during the construction. Bidder shall also ensure that no damage is caused to any of the existing structures during the execution of work
77.	56.1(xvii)	Cyclonic Consideration: Seismic zone, Cyclonic effect for IREL has to be taken care for all designs.	Kindly share any site-specific cyclone design data or historical Wind records to be adopted.	The relevant information for the purpose shall be collected by the bidder from the concerned Authorities.
78.	63.10(c)	Structural Painting: All the steel Structures has to be sand blasted (Nearing to white metal)and painted with a single coat of red primer CRB base soon after sand blasting and prior to start of fabrication work. After completion of steel structural construction work 4 coats for CRB/3 coats of paint for Epoxy has to be painted to all fabricated structural with out any exception as per the DFT mentioned in the table below.	Kindly confirm whether all exposed structures shall be designed considering C5 corrosion category due to marine environment.	C5 corrosion category shall be considered for all exposed structures.
79.	37.6	Construction Water & Power: The Selected Bidder shall furnish requirement of construction water & power based on daily peak requirement, average requirement Clean requirement throughout in course of execution of the project. Construction water C power shall be provided by IREL at a single point each for site works, at the boundary of battery limit. The Selected Bidder shall make his own arrangement to tap and lay necessary piping, cables, wiring etc from the source to the user points.	Kindly specify the exact location of construction power and water tapping points.	Water & Power shall be made available for execution of work.

80.	25,36,38,182	Underground Services	Kindly provide drawings showing underground cables, pipelines, Drains and utilities within the project area.	Please refer to Annexure-VII.
81.	37.8(c)	Vibrating Screen Foundation: RCC foundation and support of the vibrating screen to be done without causing any damages in the existing nearby structure. Agency shall carryout detail study and specify the suitable location of foundation and structure to access the scope of the work.	Kindly provide loading data of existing RCC circular tank around which screen foundations are proposed.	Drawing of RCC tank is attached (Annexure-VI). The bidder shall derive the loading conditions from the information provided and site condition.
82.	37.8(c)	Existing Structure Interaction	Kindly confirm whether structural strengthening of existing RCC Tank, if required, will be treated as EPC contractor scope.	Strengthening of RCC tank is not envisaged in the RFP and no additional loading on the existing structure shall be allowed.
83.	39.12	Scope Completeness: Any other work not specifically mentioned but required for completeness of the job considering Technical/Technological aspects shall be included in the scope of work for the Bidder.	Kindly define the extent of "any other work required for completeness" to avoid ambiguity.	The extent of any other works would depend on the validation & finalization of flow sheet which falls under bidder's scope.

84.		General: Spaces for storage of Bulk Material, Batching Plant, Fabrication/Assembly Yard, Reinforcement Assembly & Fabrication Yard/Storage, Equipment Storage, Carpentry & PCM Workshop	Kindly confirm whether IREL shall provide suitable space within the plant premises for establishment of temporary construction facilities such as: Bulk material storage yard Cement and reinforcement storage area Reinforcement fabrication and assembly yard Structural steel fabrication/assembly yard Equipment lay down and storage area Batching plant location Carpentry workshop Plant & machinery maintenance workshop Contractor's stores and site office Space for Workmen Accommodation Further, please provide the available area, location plan, ground condition, access roads and any restrictions applicable for utilization of such temporary construction facilities. In case the above facilities are to be arranged outside the plant premises, kindly confirm the same so that appropriate provisions maybe considered in the bid price.	IREL shall provide open buffer area for storage. However, the responsibility towards safety & security of the men & materials shall rest with the bidder.
85.		General: Approach Roads for Different Site locations	Client will provide construction/improvement of temporary Approach roads, required during execution.	RFP condition would prevail.
86.		General: Labour Wage details and Labour Wage Circular details to be followed.	Kindly share latest labour wage with benefits	The bidder shall comply with the provisions of the prevailing Labour Laws.
87.		General: Existing Weigh Bridge Facilities accessibility at Site	Bidder shall use existing W.B. if available. Kindly confirm.	Bidder shall make their own arrangement for weighment.

88.		General: Process and Scope understanding and location	Please provide the Block flow diagram and plot plan to have an overall understanding of the process and scope and the location wrt. Existing operation for the upcoming de-sliming facility.	Block flow diagram of existing process is provided (Annexure-I).
89.	Clause 6.1.11	Process/Mechanical/ Technological equipment/ Items: Fixed approved makes for motors (ABB/Siemens/CG/Kirloskar etc.)	Equivalent IE3 premium efficiency motor manufacturers	RFP conditions would prevail.
90.		General: Power Availability	Power should be available at bidder's substation	Power shall be made available for execution of work within the premises.
91.		General: Instrument and Automation	Bidder will not be responsible for any hookup or modification of Any sort of Instrument and automation in existing system.	RFP conditions would prevail. (Please refer to Clause IV.1, page no 42/248)
92.		General: Instrument and Automation	Automatic provided by bidder will be standard PLC driven, Bidder is not responsible for installing DCS system.	RFP conditions would prevail. (Please refer to Clause IV.2, page no 42/248)
93.	6.4-Payment Terms & 59.3-Retention Money & 82.0	5%-process flow sheet Finalization 5%-detailed design & engineering document submission 60%-supply/execution(progressive) 10% - completion of erection of plant, equipment an structural works 10%-commissioning, PG test and O & M spares supply 10%-FAC 5%of each Bill shall be retained–to be released on FAC	a. Given that a significant portion of the contract value is linked to the milestones of completion of erection, commissioning, PG Test, and FAC, can the payment schedule be reviewed and restructured to provide a more balanced cash flow aligned with the progress of work? b. Considering that a Performance Bank Guarantee is already being furnished, can the requirement of retention from R.A. bills be waived?	RFP conditions would prevail.

			c. In the event that Commissioning, PG Test, and/or FAC are delayed due to reasons not attributable to the Contractor, such as Owner's readiness, statutory approvals, utility availability, or interfacing agency constraints, will the corresponding milestone payments be released against a suitable Bank Guarantee upon completion of the Contractor's obligations under the Contract?	
94.	Clause 2.12.2	IREL shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to the RFP or the Bidding Process, including any error or mistake there in nor in any information or data given by IREL.	Please confirm whether the data and information provided by IREL in the tender documents shall constitute the basis of design and pricing for the Bidder. If any such information is later found to be inaccurate or incomplete, will the Contractor be entitled to appropriate relief in terms of time and cost?	RFP conditions would prevail.
95.	Clause 7.4	The CONTRACTOR in fixing his rate shall for all purpose what so ever reason may be, deemed to have himself independently obtained all necessary information for the purpose of preparing his tender and his tender as accepted shall be deemed to have taken into account all contingencies as may arise due to such information or lack of same. The correctness of the details, given in the Tender Document to help the CONTRACTOR to makeup the tender is not Guaranteed.	Please confirm whether the information and data provided in the Tender Documents may be relied upon by the Bidder for engineering, design, planning, execution and pricing purposes. If any such information is subsequently found to be incorrect or incomplete, will the resultant impact on time and cost be compensated by the Owner?	RFP conditions would prevail.
96.	Clause 7.4	Any change in layout due to site conditions or technological requirement shall be binding on the CONTRACTOR and no extra claim on this account shall be Entertained.	Please clarify whether post-award layout changes arising from site conditions or technological requirements impacting the	RFP conditions would prevail. The price accepted by IREL at the time of award of the contract shall be firm & final.

			Contractor's scope, quantities, cost, or schedule, be treated as a Variation under the Contract?	
97.	Clause 7.5(b)	CONTRACTOR, if necessary, shall build other temporary access roads to the actual site of construction for his own work at his own cost. The CONTRACTOR shall be required to permit the use of the roads so constructed by him for vehicles of any other parties who may be engaged on the project site. The CONTRACTOR shall also facilitate the construction of the permanent roads should the construction thereof start while he is engaged on this work. He shall make allowance in his tender for any inconvenience he anticipates on such account. Non-availability of access roads, railway siding and railway wagons for the use of the CONTRACTOR shall in no case condone any delay in the execution of WORK nor be the cause for any claim for compensation against the EMPLOYER.	a. Please clarify as to why the Contractor shall be responsible for construction of access roads to be utilized by third parties? Also, if the Contractor is required to construct temporary access roads for execution of the Works, will the Owner compensate the Contractor for the additional construction, maintenance, repair, and reinstatement costs attributable to use of such roads by third parties engaged by the Owner or other contractors at the Project Site? b. Please clarify as to why the Contractor shall facilitate construction of permanent roads, which has no link with execution of the Project? c. In the event construction of permanent roads by others affects the Contractor's work fronts, access, logistics, productivity, or construction sequence, will the Contractor be entitled to corresponding extension of time and/or reimbursement of additional costs arising there from?	No permanent road is envisaged in the RFP.

98.	Clause14	If in the opinion the Engineer, due progress is not made with the work in accordance with the contract, and or the execution there of becomes contrary to specifications, and/or bad work is executed and/or bad materials are used or supplied by the Contractor, and/or any directions given by the Engineer are not properly complied with or attended to, the Engineer may if he considers it necessary or proper for the execution of the work in accordance with the contract, of which his certificate in writing will be sufficient evidence order the employment of extra supervising staff to supervise the work and the expenses of the employment including the salary of the supervising staff shall be provided by the Contractor, provided that the Engineer shall give to the Contractor not less than 7 days previous notice in writing of intention to exercise his power.	a. What objective criteria, measurable parameters, and evaluation methodology will be applied by the Engineer to determine that "due progress "is not being achieved by the Contractor under the Contract? b. In the event additional supervisory staff are deployed under this Clause, what shall be the basis, methodology, and supporting documentation for assessment, verification, and recovery of the associated supervisory costs from the Contractor?	The milestone for the activities will be mutually discussed & decided as per clause 6.1.9 (Pg 29 of RFP) and this will form the basis for the measurable parameters and evaluation methodology.
99.	Clause 38	The Contractor shall on the written order of the Engineer suspend the progress of the works or any part there off or such time or times and in such manner as the Engineer may consider necessary and shall during such suspension properly protect and secure the works of areas is necessary in the opinion of Engineer. Provided that the Contractor shall not be entitled to recover any such extra cost unless he gives notice in writing of his intention to claim to the Engineer within 28 days of the Engineer's order. The Engineer shall settle and determine the extra payment to be made to the Contractor in respect of such claim as the Engineer shall consider reasonable.	a. Will the Engineer provide prior written notice, along with the reasons and expected duration, be for issuing any instruction for suspension of the whole or any part of the Works, except in cases of emergency or safety-related requirements? b. What methodology, evaluation criteria, and supporting documentation will be adopted by the Engineer for assessment, verification, and determination of the additional costs incurred by the	RFP conditions would prevail.

			Contractor due to such suspension of the Works?	
100.	Clause 44.3	IREL shall have the right to suspend the WORK in whole or in part for such time as may be necessary in order that WORKS shall be well and properly executed. In such events, suitable extension of time shall be granted to CONTRACTOR.	Please confirm whether, in addition to extension of time, the Contractor shall be entitled to compensation for demonstrable additional costs incurred as a result of suspension of the Works directed by IREL under Clause 44.3, where such suspension is not attributable to any default of The Contractor.	RFP conditions would prevail. The price accepted by IREL at the time of award of the contract shall be firm & final.
101.		Half percent(0.5%) of the contract value per week of delay subject to a maximum of ten percent(10%) of contract value	Will extensions of time granted on account of events not attributable to the Contractor be treated as EOT with full relief from Liquidated Damages, such that LD shall apply only to the period of delay, if any, Solely attributable to the Contractor?	No LD will be levied for any delay in execution of work for reasons not attributable to the Bidder.

102.	Clause 50.1	In these conditions, the expression "Period of Maintenance" shall be either 12 (Twelve) months or any other period if specifically specified in the special conditions of this contract, and calculated from the date of completion of the works certified by the Engineer in accordance with Clause 49 hereof in the event of more than one certificate having been issued by the Engineer Under the said Clause from the respective dates so certified and in relation to the Period of maintenance, the expression "the works" shall be construed accordingly.	Please confirm whether the "Period of Maintenance" and the Warranty/Defects Liability Period are same or not. If they are different, what are the respective obligations, durations, and contractual implications associated with each period?	Terms "Period of Maintenance" and the "Warranty/Defects Liability Period" are same. The same shall commence from the date of issue of Final Acceptance Certificate.
103.	Clause 53.1&53.2	The 'Engineer shall determine the amount (if any) to be added to or deducted from the sum named in the Tender in respect of any extra or additional work done or work omitted by his order. All such work shall be valued at the rates set out in the Contract, if in the opinion of the Engineer the same shall be applicable. If the Contract shall not contain any rates applicable to the extra or additional work then reasonable prices shall be fixed by the Engineer. Provided that if the nature of amount of any omission or addition relative to the nature or amount of the whole of the contract work or to any part thereof shall be such that in the opinion of the Engineer the rate or price contained in the contract for any item of the work is by reason of such omission or additions rendered unreasonable or inapplicable, the Engineer shall fix such other rate or price as in the circumstance she shall think reasonable and Proper.	a. What shall be the procedure, supporting documentation requirements, approval hierarchy, and time lines for evaluation, determination, and certification of rates and prices for Variation Orders, particularly where the Contract does not contain applicable rates for the additional or omitted work? b. Will the rates and prices applicable to Variation Orders be mutually discussed and agreed between the Owner and the Contractor prior to execution of the changed work, wherever reasonably practicable?	Being a lump-sum turnkey project, the price accepted by IREL at the time of award of the contract shall be firm & final.

104.	Clause 56	The quantities set out in the Tender Schedule are the approximate estimated quantities of the work but they are not to be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfillment of his obligations under the Contract. Any item may be omitted or altered and no claim for compensation will be entertained on this account or for any variation however substantial it may be in the Tender Schedule.	Please confirm whether significant variation in the quantities indicated in the Tender Schedule shall entitle the Contractor to seek revision of rates, Contract Price, and/or schedule. If so, kindly specify the applicable threshold and methodology for such adjustment.	Being a lump-sum turnkey project, the price accepted by IREL at the time of award of the contract shall be firm & final.
105.	Clause 59.4	a) Any sum of money due and payable to the Contractor (including security deposit returnable to him) may be appropriated/ retained/ withheld and/or set off by the Employer or Government against any claim of the Employer or Government or such other person or persons for the payment of a sum of money arising out of or under this contractor other contracts made by Contractor with the employer or Govt. or such other person or persons. b). The Employer will be at liberty to recoup any damage/loss suffered as a result of any action on the part of the Contractor.	Please clarify the reason of the Contractor bearing the impact of setting off the money related to claim by the government or dues payable to the Employer or the government related to other Contracts from this Contract?	RFP conditions would prevail.

106.	Clause 61	The contract shall not be considered as completed until a maintenance certificate shall have been signed by the Engineer and delivered to the Employer stating that the Works have been completed and maintained to his satisfaction. The maintenance certificate will be given by the Engineer twenty-eight days after the expiration of the Period of maintenance (or if different Periods of maintenance shall become applicable to different parts of Works the expiration of the latest such period) or as soon thereafter as any works ordered during such Period pursuant to Clause 50 and 51 here of shall have been completed to the satisfaction of the Engineer and full effect given to this Clause not with standing any previous entry on the Works of taking possession, working or using the re of or any part thereof by the Employer.	Please clarify why the Contractor shall bear the consequence of the Engineer's failure to issue the maintenance certificate within the stipulated period? Also, if the Contractor has satisfactorily completed all obligations during the Period of Maintenance, but the Engineer fails to issue the Maintenance Certificate within the prescribed period, will the Maintenance Certificate be deemed issued and the Contractor's remaining contractual obligations be deemed fulfilled?	RFP conditions would prevail.
107.	Clause 62	If by reason of any accident or failure or other event occurring to in or in connection with the works or any part there of either during the execution of the works or during the Period of Maintenances, any remedial or other work or repair shall in the opinion of the Engineer or the Engineer's representative be urgently necessary for security and the Contractor is unable or unwilling at once to do such work or repair, the Employer may by his own or other workmen to such work or repair as the Engineer or the Engineer's representative may consider necessary. If the work or repair so done by the Employer is work which in the opinion of the Engineer the Contractor was liable to do at his own expense under the contract, all cost and charges properly incurred by the Employer in so	Please clarify as to whether the Employer shall provide sufficient opportunity to the Contractor to prove that the remedial / repair work is not the liability of the Contractor?	RFP conditions would prevail.

		doing shall on demand be paid by the Contractor to the employer or may be deducted by the employer from any moneys due or which may become due to the Contractor. Provided always that the Engineer or the Engineer's representative (as the case may be) shall, as soon after the occurrence of any such emergency as may be reasonably practicable notify the Contractor there of in writing.		
108.	Clause 64.1.2	Before making any departure from the specification or drawings which may be necessary to conform to such requirements, the CONTRACTOR shall give the IREL written notice specifying the departure proposed to be made and the reason for making it and applying for instructions thereon. If the CONTRACTOR does not receive such instructions within thirty (30) days, he shall conform to those requirements and inform the IREL accordingly.	Please confirm whether deviations from the specifications or drawings required to comply with statutory, regulatory, or IREL requirements shall be treated as a Variation, entitling the Contractor to corresponding adjustment in Contract Price and/or Time for Completion where such deviations impact time as well as cost.	Being a lump-sum turnkey project, the price accepted by IREL at the time of award of the contract shall be firm & final.
109.	Clause 65.2.2	On receiving the notice of suspension from IREL, the CONTRACTOR shall stop all such work, which IREL has directed to be suspended with immediate effect. IREL may at any time cancel the suspension notice for all or any part of suspended work by giving written notice to the CONTRACTOR specifying the part of work to be resumed and the effective date of suspension withdrawal. The CONTRACTOR shall resume the suspended work on immediately upon receipt of such withdrawal of suspension notice. In the event of suspension of work, IREL shall not be liable to the CONTRACTOR for any Damage and loss.	Please confirm whether the Contractor shall be entitled to compensation for additional costs and losses arising from a suspension directed by IREL, where such suspension is not attributable to any act, omission, or default of the Contractor.	RFP conditions would prevail.

110.	Clause 65.3.1	IREL may at any time temporarily suspend the progress of work being performed under the Contractor any part thereof by notice in writing to the CONTRACTOR. All the work so suspended shall be resumed by the CONTRACTOR and extended as assessed and deemed fit By IREL.	Please clarify the period up to which a suspension of the Works shall be regarded as a "temporary suspension" and the contractual consequences if such suspension exceeds that period.	As decided by EIC.
111.	Clause 65.3.2	IREL will not pay the CONTRACTOR for any work, which is performed during such an interval of suspension, and IREL shall not be liable to the CONTRACTOR for any Damages or loss caused by such suspension of work.	Please specify there as on for the Contractor being not entitled to compensation for additional costs and losses incurred as a result of a temporary suspension instructed by IREL, where such suspension is not Caused by any act, omission, or default of the Contractor.	RFP condition would prevail. Being a lump-sum turnkey project, the price accepted by IREL at the time of award of the contract shall be firm & final.
112.	Clause 66	100% of Contract Value	Considering the Contractor is furnishing a Performance Bank Guarantee, will IREL consider limiting the Contractor's aggregate liability to areas on able percentage of the Contract Price (20%)?	RFP condition would prevail.
113.	Article 12	a. 120 hours continuous operation b. Achievement of specified process and performance parameters.	Proposed: 72 hours continuous operation. a. Please confirm whether successful completion of a 72-hour continuous operation test shall constitute satisfaction of performance run requirements? If not, please provide technical justification for the stipulated 120-hour continuous run. b. Please clarify the exact feed characteristics, throughput, utility	For a: RFP condition would prevail. For b & c: Please refer to Clause 1.2.1, 1.2.2 (Page no 5/248) and clause no. 6.2, Performance Guarantee (Page no 95/248).

			parameters, and operating conditions under which the Performance Guarantee Test shall be conducted. c. Kindly confirm that PG obligations shall apply only when the plant is operated under the specified design basis.	
114.	Article 12	No such provisions	Please confirm that performance shortfalls resulting from changes in feed quality, feed quantity, utility interruptions, malfunction of Owner-supplied facilities, or upstream/downstream process constraints shall be excluded from Contractor's PG obligations?	Feed quantity & quality will be ensured by IREL as per the RFP. In the event of interruptions for reasons not attributable to the Bidder while conducting the PG test, the duration of such stoppages shall be excluded from the test duration and the resumption thereafter shall be treated as continuous test for the purpose of PG.
115.	Article 27.3	IREL shall not be liable for any damages or loss caused by suspension of work.	Please clarify whether the Contractor shall be entitled to extension of time and reimbursement of demonstrable standby, idle resource, remobilization, and prolongation costs where suspension is directed by IREL for reasons not attributable to Contractor?	RFP conditions would prevail. Being a lump-sum turnkey project, the price accepted by IREL at the time of award of the contract shall be firm & final.
116.	Article 27.7	Termination	Please confirm the Contractor's entitlements in the event of a termination for convenience by IREL, including payment for completed work, work-in-progress, procurement commitments, sub	RFP conditions would prevail.

			contractor liabilities, demobilization costs, and reasonable termination-related expenses.	
117.	Article 28	Sole Arbitrator appointed by CMD,IREL	Please clarify whether the arbitrator shall be mutually appointed by the parties. Alternatively, can the arbitration mechanism be aligned with the Arbitration & Conciliation Act provisions for appointment through Mutual consent or competent judicial authority?	RFP conditions would prevail.
118.	NA	Unforeseen Physical Conditions	Please confirm if in the event of encountering latent site conditions, unforeseen subsurface conditions, buried obstructions, contaminated materials, or other physical conditions not reasonably discoverable during bidding, the Contractor will be entitled to extension of time and reimbursement of additional costs and losses?	The price accepted by IREL at the time of award of the contract shall be firm & final.
119.	NA	Change in Law	Please clarify if any increase in Contractor cost or project duration arising from changes in applicable laws, taxes, duties, environmental regulations, labour laws, or statutory requirements after the bid submission date shall qualify for price and time adjustment?	RFP conditions would prevail. However, any revision in GST shall be admissible on submission of valid documents.

120.	NA	Compensation for Extension of Time	Please confirm if in addition to entitlement for extension of time, whether the Contractor shall be compensated for extended stay/prolongation costs arising from Employer-caused delays, suspension, late approvals, or other events beyond Contractor's Control?	RFP condition would prevail. The price accepted by IREL at the time of award of the contract shall be firm & final.
121.	Article 23	Defect Liability Period	The Defect Liability Period(DLP) shall commence from the date of successful demonstration of the Performance Guarantee (PG) parameters or, where the requirement to demonstrate the PG parameters has been waived, from the date of such waiver, and shall remain effective for a period of twelve (12) months thereafter. However, in no event shall the Defect Liability Period expire later than eighteen (18)months from the date of Supply.	RFP condition would prevail.
122.	Teri Sand Specification		Please share Teri Sand preliminary specification like PSD and other basic data for designing the system at the bid stage.	Details of PSD and bulk density are attached. (Annexure-II)
123.	Plant Layout		As discussed, please share the existing plant layout and sections, marking the disposition of the new equipment. This will be required for:- Sizing the new equipment to suit the space available - foundation and support design Some of the equipment will be mounted on the existing structures/ foundations for	HUS GA drawing and layout are attached. (Annexure-I & VII)

			which the existing drawings will be required	
124.	Process Block Flow Diagram		Process Block Flow Diagram is requested to understand the proposed addition and modification in the existing plant to cater desliming requirement of new feed	Process Flow Diagram is attached (Annexure-I).
125.	Tie in existing equipments		As noted during site visit, there are several interaction / tie ins will come among the new and the existing system. To design and install the new system, detailed technical information is required for the existing equipments as mentioned below: 1. Conveyer profile, length, height and GA drawing 2. Trommel screen GA Drawing 3. Civil drawings of Slurry tanks 4. Slurry Pump Specification 5. Thickener feed flow rate and composition from the different sources 6. Attrition scrubber specification, GA Drawing	Please refer details of Tie-in furnished in Annexure-I, III, IV & VII For 5 & 6: The equipment selection & finalization falls under bidder's scope to meet the Performance Guarantee parameters.
126.	Desliming of tailing from the existing HUS unit		Desliming of tailing from the existing HUS unit is not considered in line with this tender	Please refer RFP condition scope of work 6.1.2 and PG Parameter 6.2.2.b
127.		Page No.96 clause No. 6.3 Implementation Period, Completion Time: 12 months for commissioning + 2 months Assistance with Operation and Maintenance. The commissioning of all proposed installations/ circuits & associated facilities in	Test Works, Flow-sheet finalization shall take a minimum of 2 months from the date of award of contract. After the test works, basic engineering shall be commenced which will take another minimum	Implementation time revised: 15 months (installation & commissioning) + 2 months (O&M assistance) Considering the time period involved in carrying out test

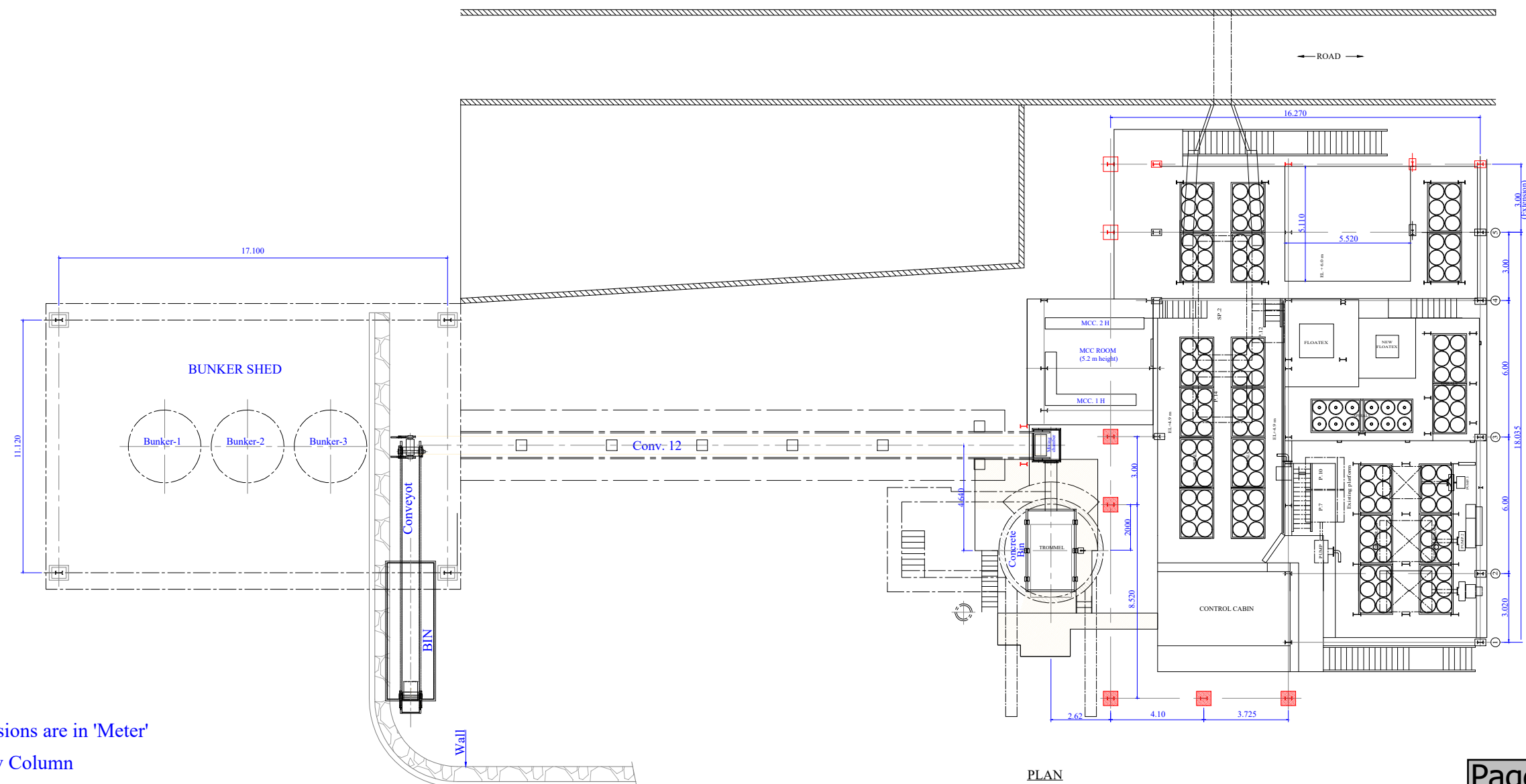
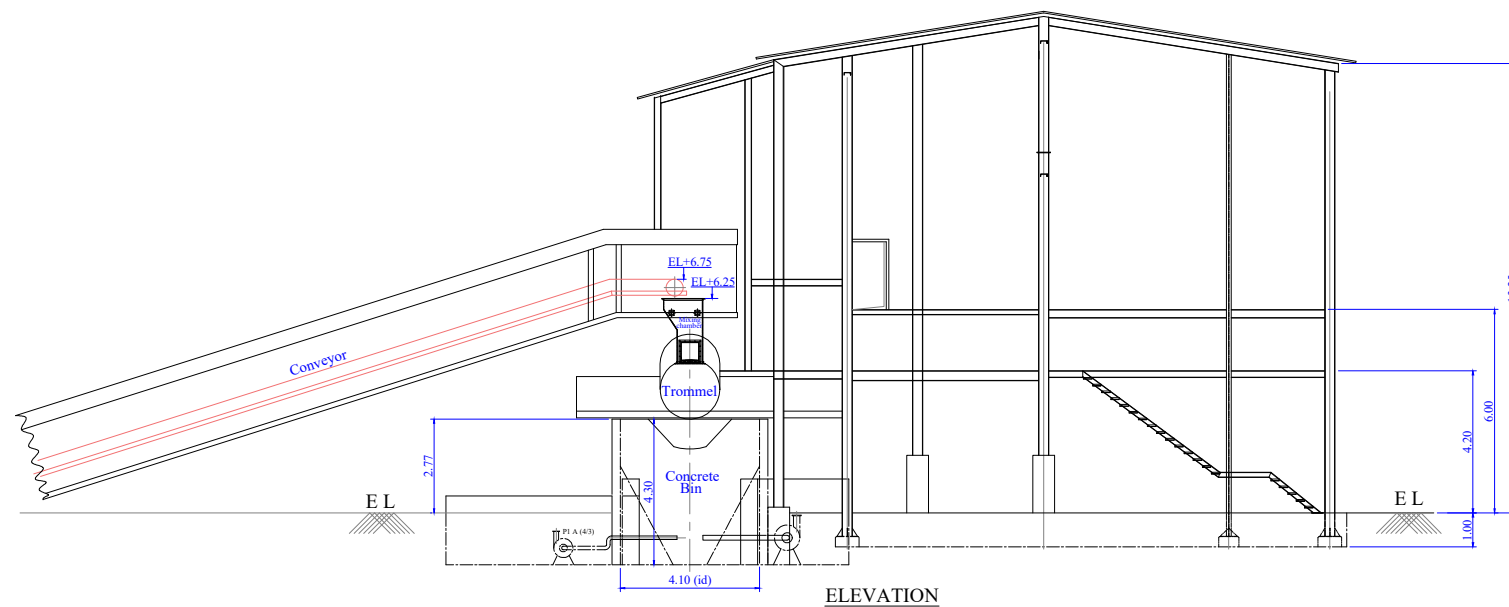
		this ToR including 2 months of operation and maintenance assistance within a period of fourteen (14) months from the effective date.	period of 01 month. Further, As per good industrial practice all necessary guidelines from Govt. of India including CVC / CTE guidelines has to be followed for Procurement of equipment's from respective OEM's/contractors. Also, considering the Quantum of Works involved, adequate completion time may be required. Requesting Completion Period clause may be modified as 20 months for commissioning + 2 months Assistance with Operation and Maintenance. "The commissioning of all proposed installations/ circuits & associated facilities in this ToR including 2 months of operation and maintenance assistance within a period of Twenty Two (22) months from the effective date.	work & validation from internationally reputed test facility, the above is proposed. Corrigendum has been issued
128.			Implementation period of the contract as given in clause 6.3 of the tender is 14 months including 2 months of operation and maintenance. Kindly note that the testing and validation of process flow design and submission of detail engineering for approval to M/s. IREL would take 4 to 6 months. Thereafter to start the work and complete the erection,	Implementation time revised: 15 months (installation & commissioning) + 2 months (O&M assistance) Considering the time period involved in carrying out test work & validation from internationally reputed test facility, the above is proposed. Corrigendum has been issued.

			commissioning and performance test would take at least 12 months from the date of approval of detail engineering drawing by M/s. IREL. Therefore, we request your esteemed organisation to increase the implementation period to 18 months from the date of awarding the contract, We hope that you will oblige us by amending the tender accordingly.	
129.		Net worth of the bidder shall be positive for the last financial year (2024–2025) as per audited balance sheets.	We wish to respectfully bring to your attention that MBECL successfully emerged from the Corporate Insolvency Resolution Process (CIRP) under the Insolvency and Bankruptcy Code (IBC) pursuant to the approved Resolution Plan in December 2025. Consequently, the financial position reflected in the audited financial statements for FY 2024–25 pertains to the period when the Company was undergoing the insolvency resolution process. Accordingly, the net worth of MBECL as reflected for FY 2024–25 does not represent the Company's present financial position following its successful resolution and emergence from CIRP. We are pleased to inform you that MBECL has a positive net worth as of 30.09.2025 and onwards, subsequent to the implementation of the approved Resolution Plan. The Company is presently operating under the new	RFP condition would prevail.

			ownership and management structure and is actively pursuing and executing EPC opportunities across its core business sectors. In view of the above exceptional circumstances and the Company's successful emergence from CIRP, present positive net worth, extensive technical credentials, and long-standing experience in execution of EPC projects, we earnestly request your good office to kindly consider our present financial position and permit MBECL to participate in the tender by suitably relaxing / considering the above-mentioned net worth requirement for FY 2024–25. We believe that such consideration would enable a technically and commercially capable EPC organization like MBECL to participate in the tender and offer its proven capabilities for successful execution of the project. We shall be grateful for your kind consideration and an early confirmation in this regard	
130.	-	-	The earlier tender specifically provided as under: "Bidders are permitted to use the credentials of their technology licensor and/or parent company to meet the technical qualifications at (1) and (2) above."	RFP condition would prevail.

			We observe that the corresponding provision is not presently included in the re-tender under ET7 We therefore request IREL to kindly reinstate the above provision, with suitable consequential modifications to correspond to the technical qualification criteria under the present Clause 2.4(d).	
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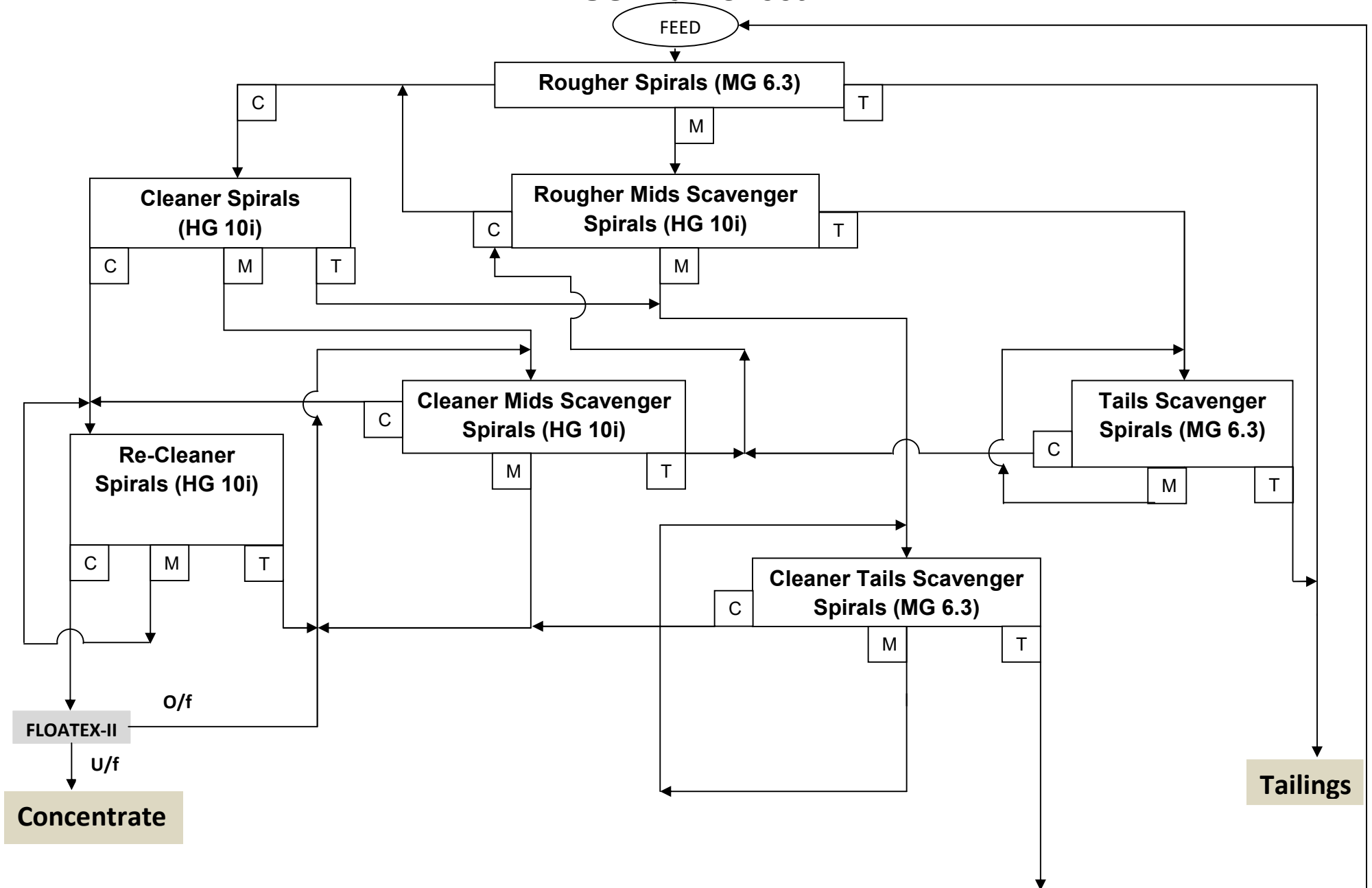
Annexure-I



All dimensions are in 'Meter'

— New Column

HUS Flow sheet

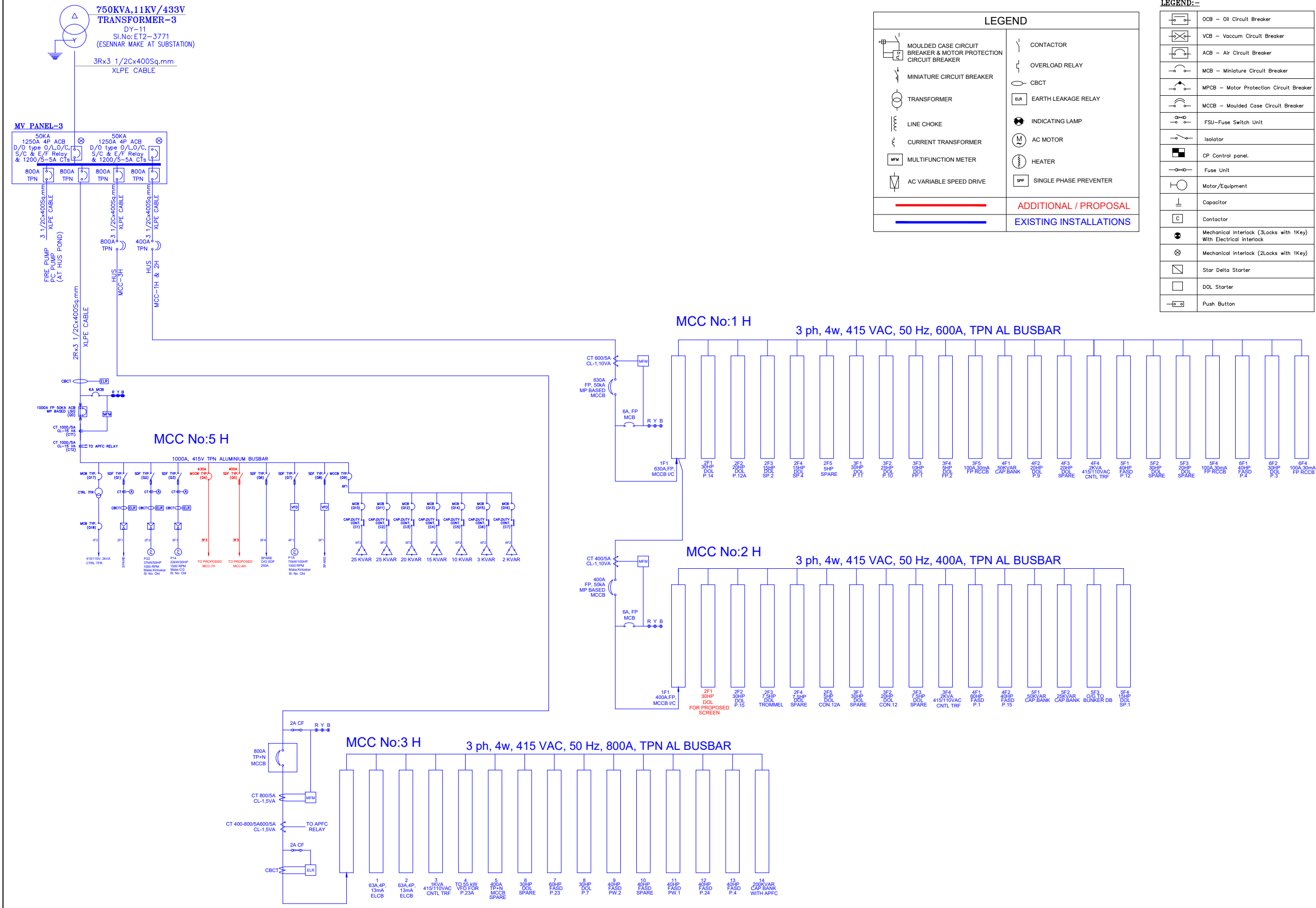


Feed Characterization Data

1. The feed material to HUS shall have particle size distribution as below:

Size (in microns)	Wt% Retained
600	1.34
425	7.86
300	25.08
212	22.02
150	12.88
106	7.70
75	2.28
45	0.81
-45	20.03

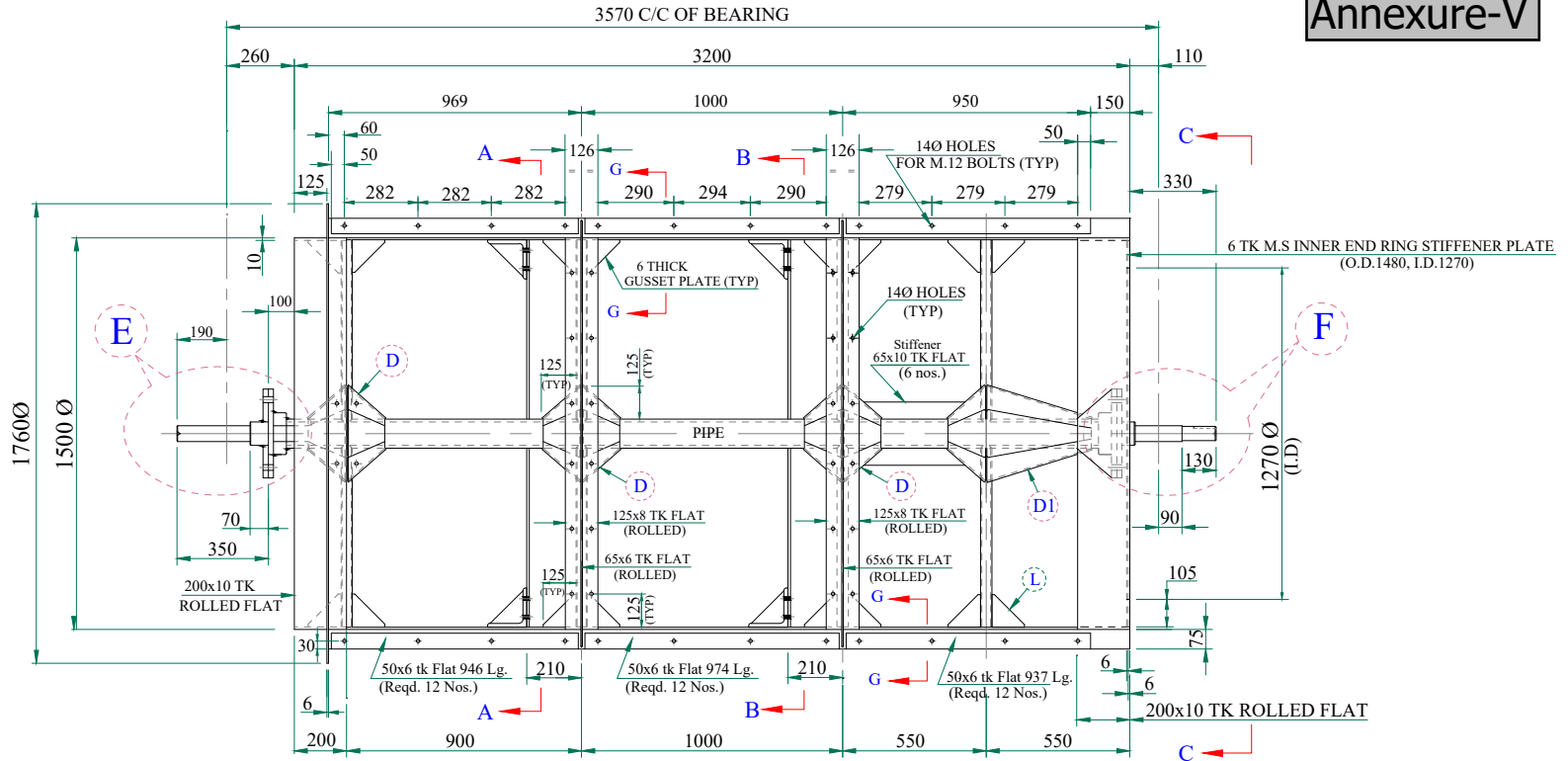
2. Slime content = 10 - 20%
3. Bulk Density = 1.6 t/cu.m
4. Total HM = 10 - 15%



Tie-In Data

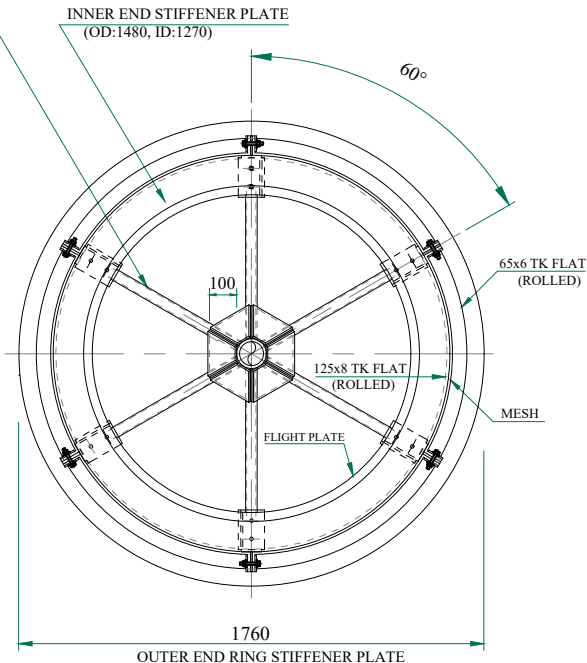
Sl.No	Pump	Duty	Pump Make/Model	Pump Speed, rpm	Drive rating, hp	Static Head, m
1.	P1A	Handling HUS feed (to Rougher spiral)	Warman, 8/6 EAH	670	100	10
2.	P12A	Handling Spiral Concentrate	Warman, 4/3 AH	1333	30	7
3.	P12		Warman, 6/4 DAH	1200	50	8
4.	P23A	Handling Spiral Tailing (to Hydrocyclone)	Warman, 4/3 AH	2000	50	13
5.	P23		Warman, 6/4 DAH	1200	60	13

- Width of existing Belt Conveyor feeding to mixing chamber: **800 mm**



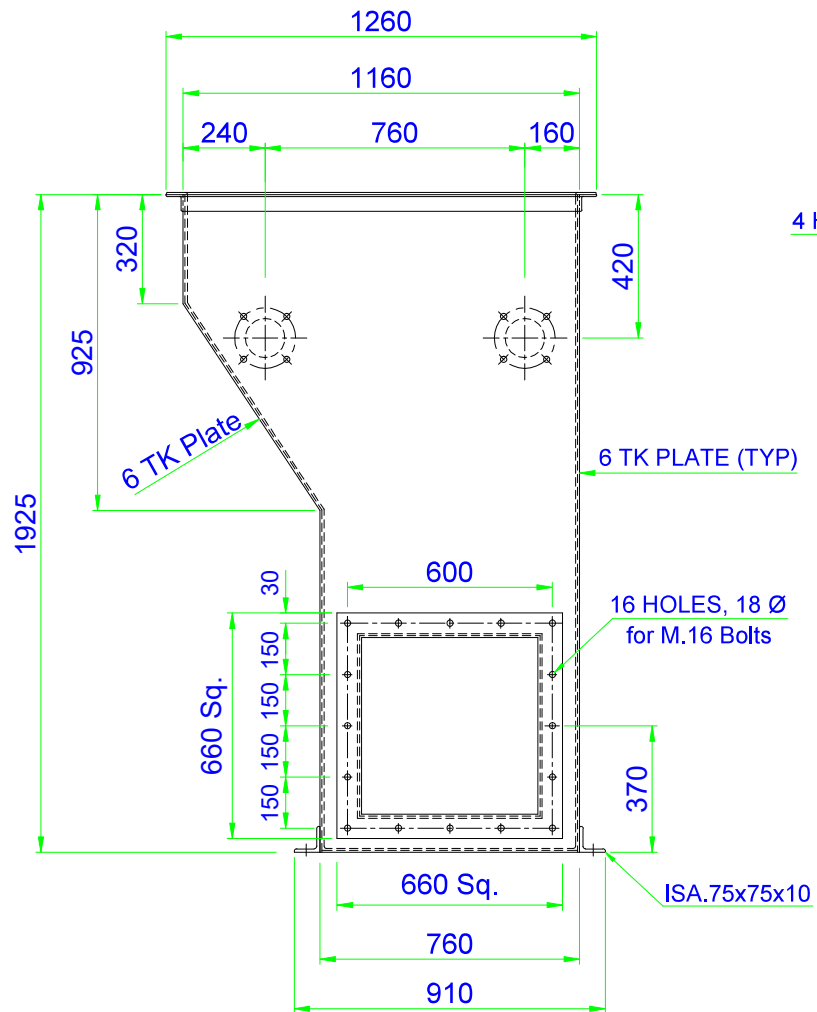
ELEVATION
TROMMEL SCREEN FRAME
 (MESH DETAILS NOT SHOWN FOR CLARITY)

1 $\frac{1}{4}$ INCH CARBON STEEL SEAMLESS PIPE-
SCHEDULE 160, (OD: 42.2mm AND WALL THICK 6.35mm)
AS PER ASTM, A 106 GRADE-B. (TYP)

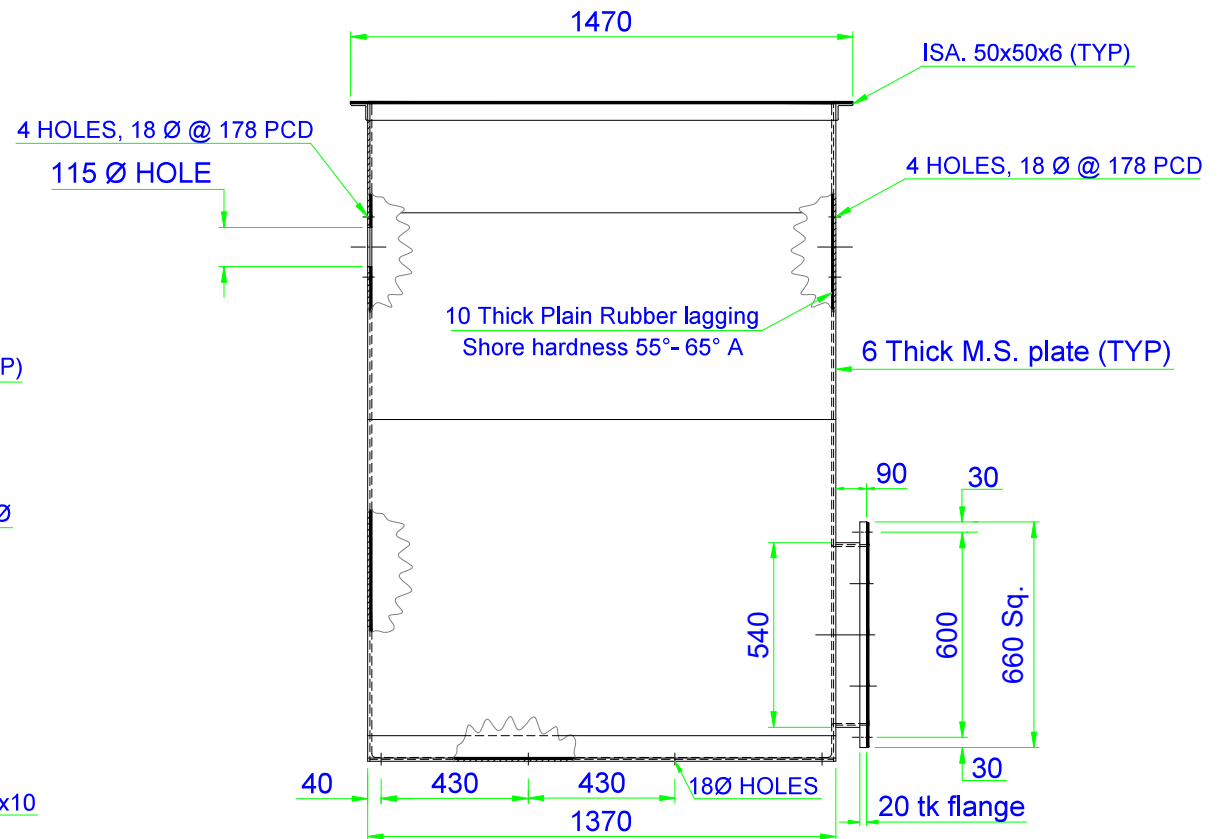


VIEW-CC

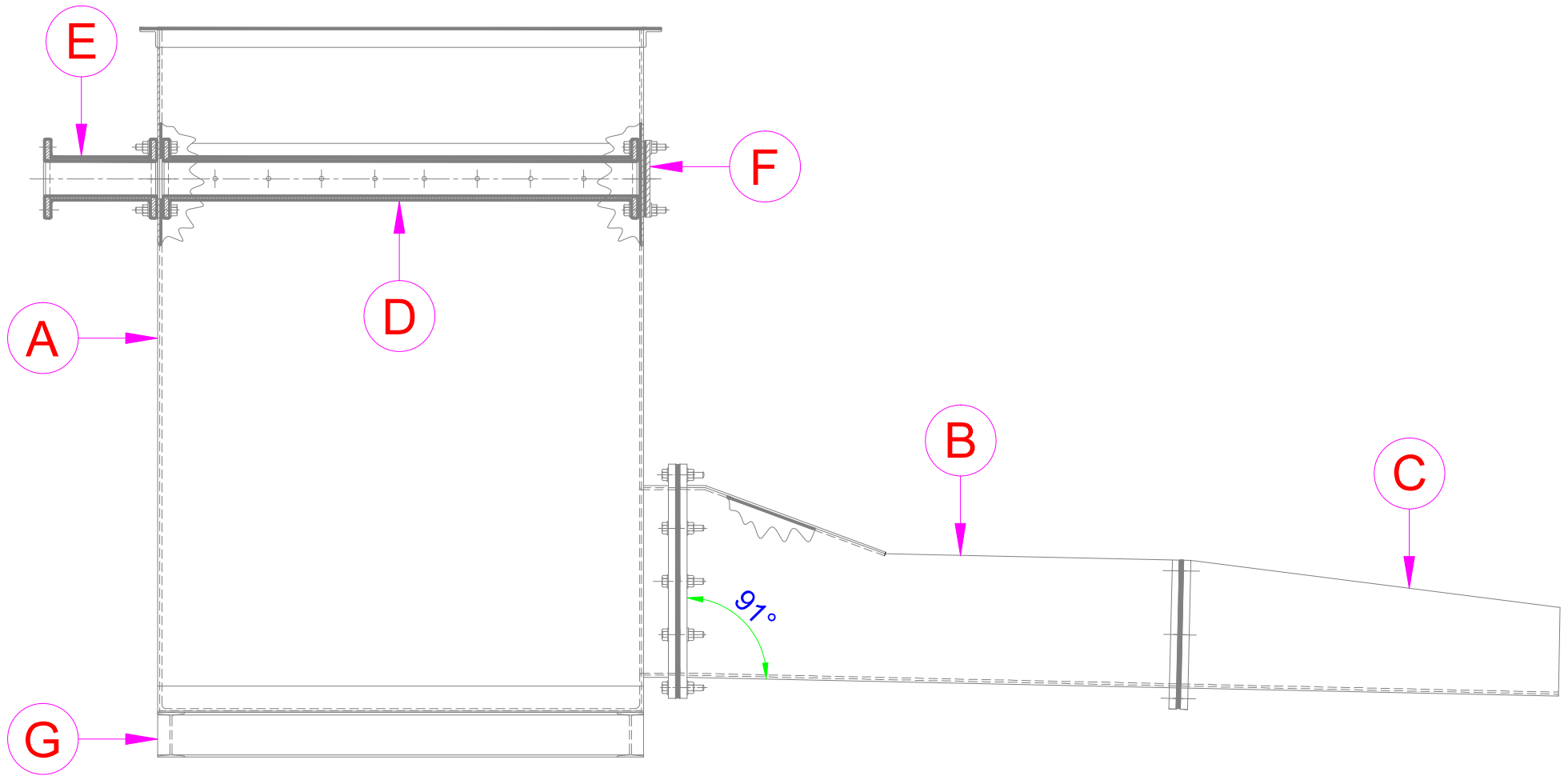
(FLANGE JOINT NOT SHOWN FOR CLARITY)



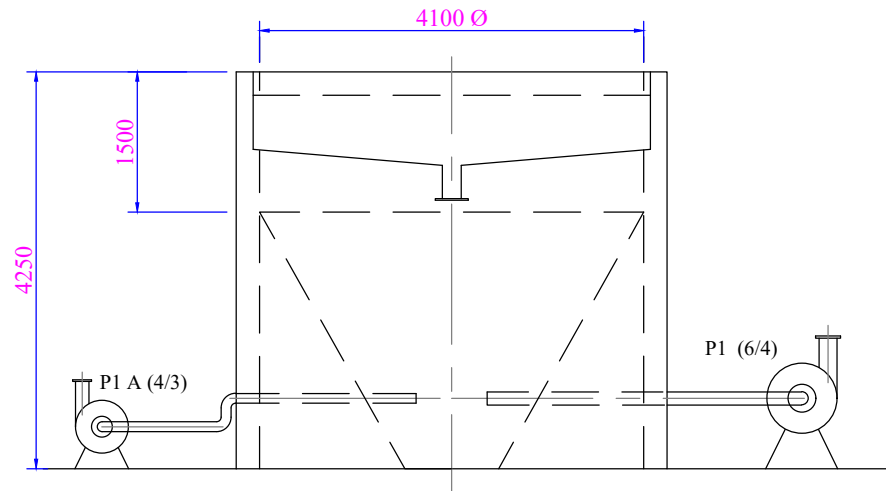
ELEVATION



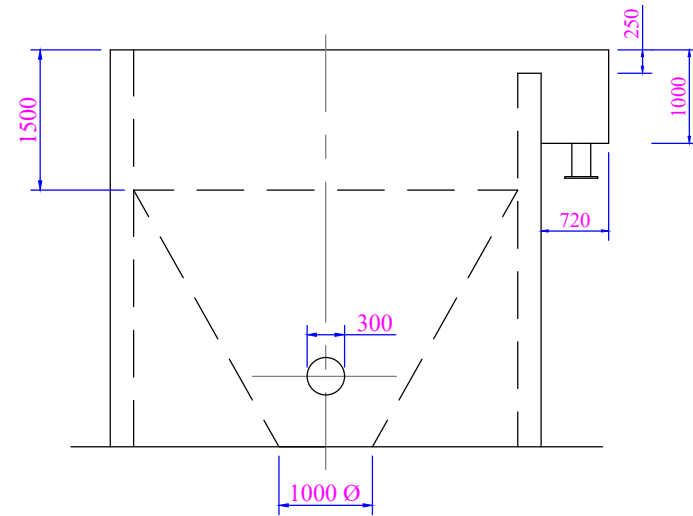
SIDE VIEW



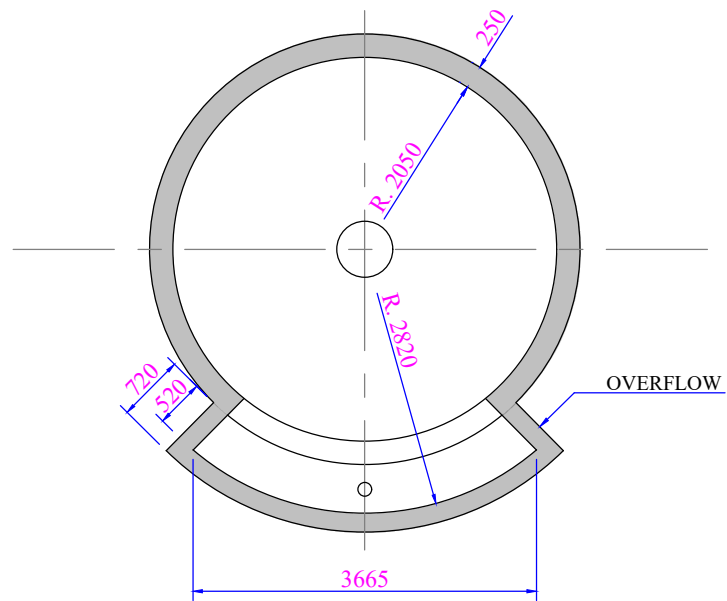
MIXING CHAMBER ASSEMBLED VIEW



ELEVATION



SIDE VIEW



PLAN

RCC Tank

ALL DIMENSIONS ARE IN mm

