

A faint, light blue world map is visible in the background of the slide, centered behind the text.

200 TPH Frac Sand Wash Plant Proposal

Company Name:	Vono
Project Ref:	BQ_VONo SM_Rev.0
Date:	22 March 2024

PROJECT OUTLINE

CDE are delighted to offer our world class silica sand washing solution for your proposed project. CDE wash over half a billion tons of sand each year for some of the biggest companies the construction and the industrial minerals market carrying out some major infrastructure projects.

We feel that it is this experience that positions us well to understand the requirements to bring your material market. Our direct to customer approach enables us to understand the complexity of each market and project first-hand and as a result provides us with real life experience to assist you in making the right decisions. We look forward to working through this project with you.

Objectives

The goal of this budgetary proposal to VONO is to present CDE's modular and compact solution for the new silica sand wash plant with integrated water recycling. Due to the modularity of the plant can be implemented in phases and expanded according to VONO requirements:

- High Capacity Plant – 200 ton/h
- Production of the following products:
 - Screen Oversize 1 (Size to be defined with VONO)
 - +30 mesh Oversize 2
 - 30/140 mesh
 - Fines from CFCU
 - Thickened Sludge

Feed Material

Material	Silica Sand
Bulk Density	1,5

*It's important to have a representative gradation of the material that will be ed to the plant in order to confirm the solution presented in this proposal.

Malla #	% Retenido
18	1.2
20	1.1
30	4.1
40	9.59
50	13.9
60	14.63
70	11.56
80	7.5
100	6.8
120	5.29
140	1.73
200	1.3
Fondo	0.6
Arcillas	20.3

Plant Data

Feed Capacity	Approx. Water Requirement	Approx. Energy Requirement
200 mtph	90m ³ per hour (Top Up)	1150 kW

Please note, all data used to allow this budget quotation to be produced, is for reference only and is subject to testing. All data and values specified are assumed design calculation data for which we cannot accept any guarantees.

The client is responsible for providing a representative raw material feed analysis and final products specification requirements; any information provided by CDE is for indicative purposes only.

PROPOSED LAYOUT

CDE modular and compact concept allows for it to adapt to VONO requirements and availability. The layout below are examples of proposed plant layouts that can be easily accommodated in your available area, estimated area of 70m x 80m – RSeries (Scalping Screen) not illustrated in the layout below



BUDGETARY PROPOSAL

ITEM 1: R SERIES™

Primary Feeding System

Model: R4500

Proposed Product Specifications:

- Belt feeder
- Integrated mild steel hopper with replaceable Hardox wear liners around base of hopper
- Infinity P2-75R sizing screen with bespoke media
- Modular mild steel chassis
- Collection conveyor
- Oversize conveyor
- Galvanised GRP walkways and access steps, for easy access to both sides of the machine
- Automated control panel fitted for plant operation

CDE Infinity screen includes the following features:

- Galvanised finish
- All structural connections and sidewalls secured by vibration resistant fasteners including lockbolts
- Discharge chutes with wear liners specific to application
- Suspension units

The R-series is the market-leading primary feeding and screening system. Its unique design delivers unrivalled protection of your downstream processes. From clay bound gravel, rock and mineral ores to sticky construction, demolition & excavation waste and mine overburden the patented R-Series makes it easy to maximize product yield from a range of difficult feed materials. The transport width of conventional scalpers often compromises maintenance access which is why accessibility has been a key focus in the design of the R4500. The integrated Infinity screen on your R-Series features tapered discharge chutes which ensure the efficient transfer of material from the screen to the integrated conveyors.

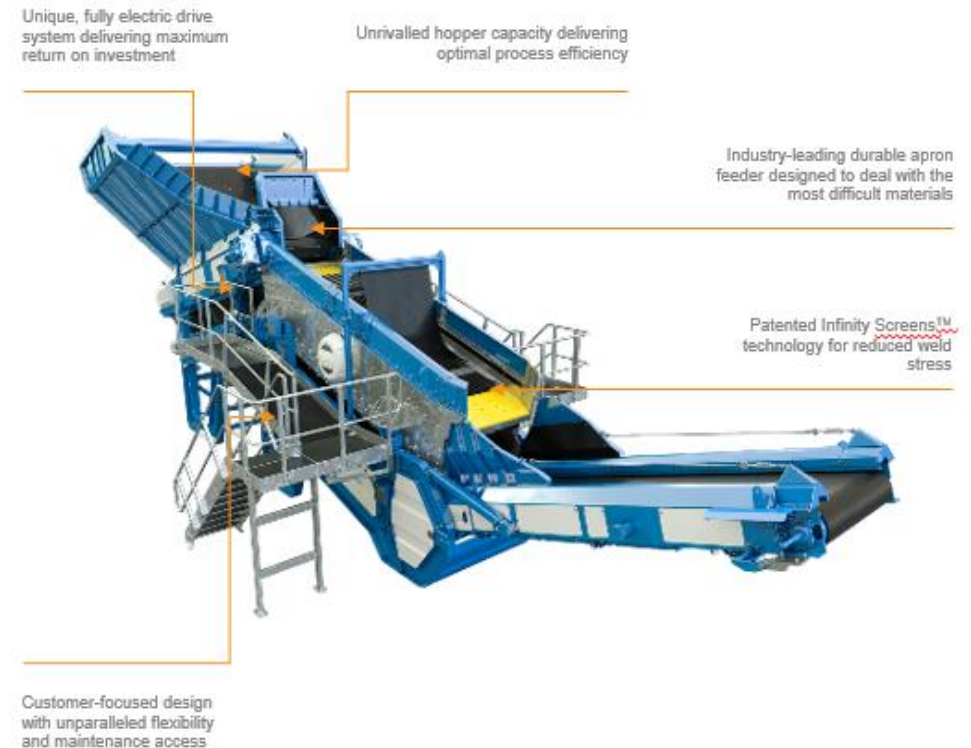


Photo is for illustrative purposes only and includes all available options. This does not necessarily reflect final product as proposed within.

Patents:

Infinity Screens™ P-Line

Trilogy side walls - GB 2505483, US 9643115 and CA 2882997, U-Span cross members – GB 2515489

ITEM 2: M-SERIES™ M4500

Integrated Washing Solution

M-SERIES™	M4500 E1
Sizing Screen	P2-108 (6.0m x 1.8m)
Dewatering Screen	D1-65 (1.8m x 4.0m)

Model: E1

Proposed Product Specifications:

- Integrated feed conveyor
- Infinity ProGrade P2-108 screen with mild steel sump with rubber lined impact areas
- Integrated CDE EvoWash with Infinity D1-65 dewatering screen with mild steel sump with rubber lined impact areas and Hydrocyclone assembly
- Heavy duty centrifugal sand slurry pumps complete with motor and drive
- Integrated stockpile conveyors
- Galvanised walkway and stairs including GRP for plant with access around both P2-108 screen and dewatering screen, complete with safety kickboard and handrails to CDE standards
- Automated control panel fitted for plant operation

CDE Infinity screens include the following features:

- Galvanised finish
- All structural connections and sidewalls secured by vibration resistant fasteners including lockbolts
- Isenmann polyurethane screening media
- Spraybars fitted to screens
- Discharge chutes with wear liners specific to application
- Firestone Marsh Mellow® supports – D Line screens
- Suspension units – ProGrade

With patented* technology, the M-Series™ is the world's first modular, mobile washing plant to integrate feeding, screening, sand washing and stockpiling on a compact chassis. Designed and built for maximum return on investment, the M-Series™ has the potential to transform your operations with its unrivalled cutpoint and robust nature.

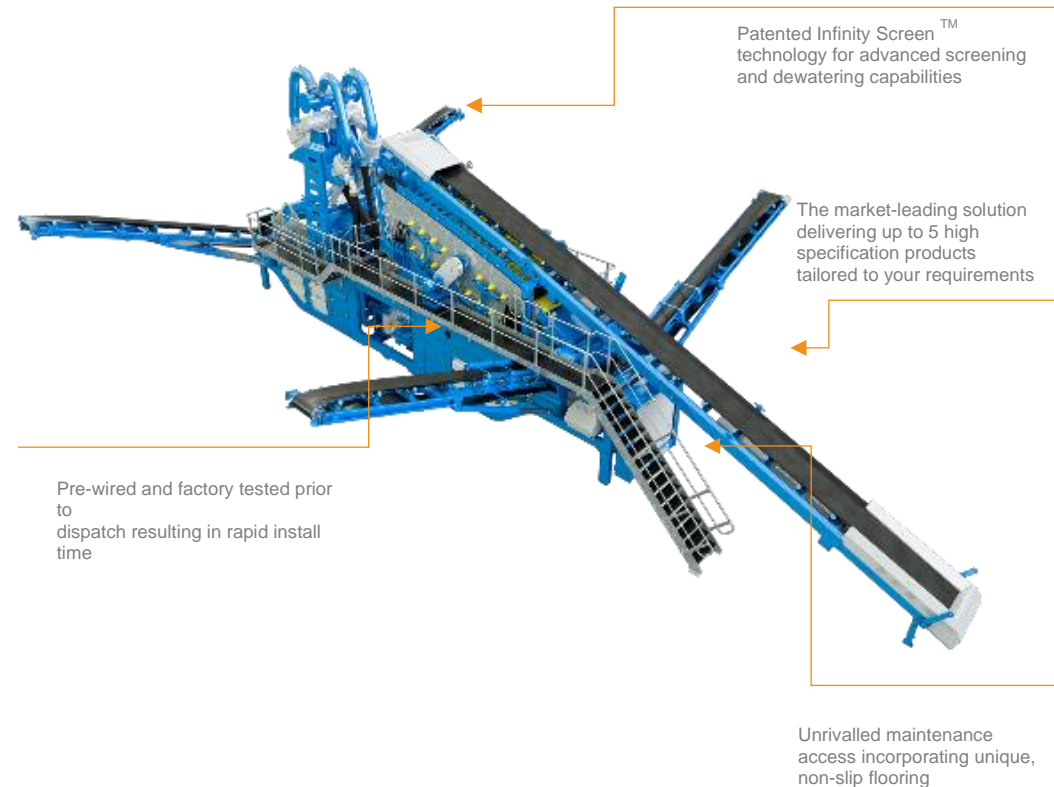


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Patents:

Infinity Screens™ D-Line

Trilogy side walls - GB 2505483, US 9643115 and CA 2882997, U-Span cross members – GB 2515489

ITEM 3: INFINITY SCREENS™ F-LINE

Patented Screening Technology

Model: F1-64 (1.8m x 3.4m)

Quantity x 3

Proposed Product Specifications:

- Patented Feedbox
- Rubber lined sand slurry sump
- Anti-pegging spraybar system
- Support structure
- Galvanised GRP walkways and access stairs
- Heavy duty centrifugal sand slurry pump complete with motor and drive

CDE Infinity screens include the following features:

- Galvanised finish
- All structural connections and sidewalls secured by vibration resistant fasteners including lockbolts
- Iseman polyurethane screening media
- Spraybars fitted to screen
- Discharge chutes and wear liners specific to application
- Firestone Marsh Mellow® supports

CDE Infinity Screens™ are a unique range of circular and linear motion screens for optimal performance and reliability. It is a comprehensive range of screening solutions with innovative technology to suit every application.

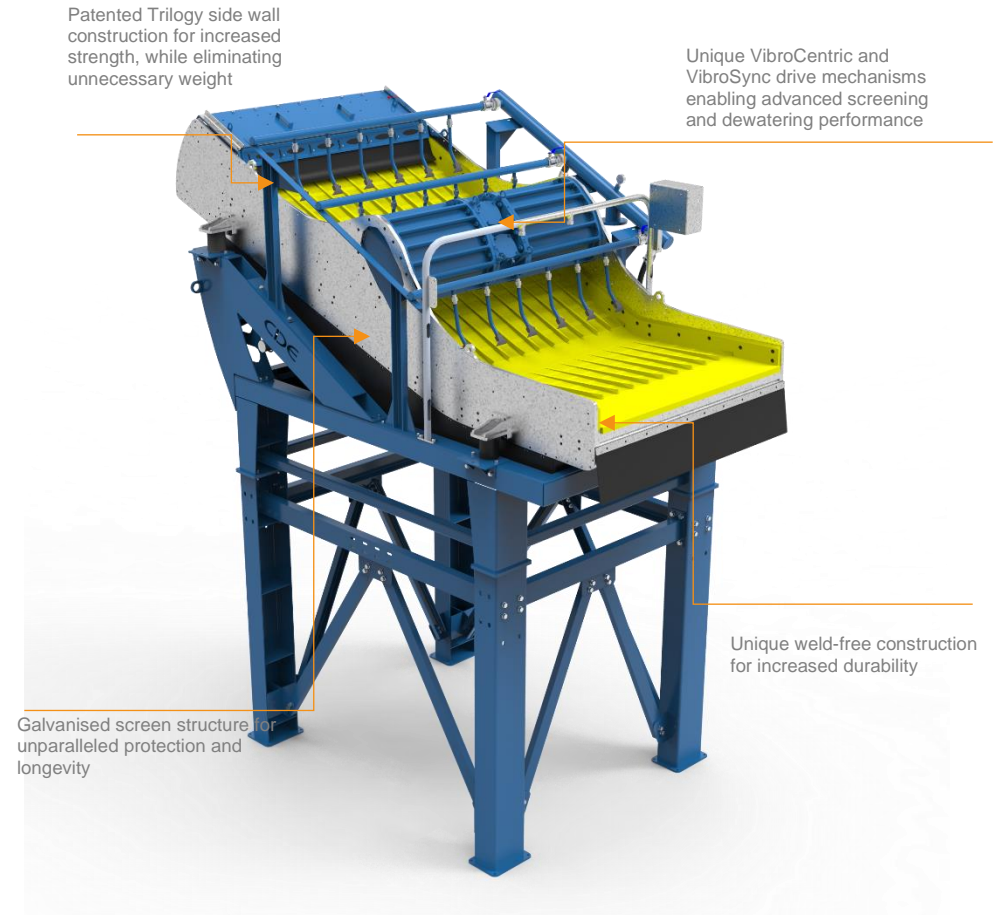


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Patents:

Infinity Screens™ F-Line:

Trilogy side walls - GB 2505483, US 9643115 and CA 2882997, U-Span cross members - GB 2515489
Feedbox design - GB 2503812 and US 9636688, Combined Screening / Dewatering - GB 2524651 and US 9409208 B2

ITEM 4: SHEARCLEAN™ ATTRITION CELLS

Model: DS60-4

Proposed Product Specifications:

- Scrubbing unit complete with motors, gearboxes, mechanisms and tanks
- Rubber lined internal surfaces and attrition impeller blades
- The mechanism assemblies comprise the bearing housings, bearings, shaft and grease seals
- Robust and low maintenance design with wear protection
- All wear liners can be replaced
- Access hatch in each cell
- Intensive particle-on-particle impact is carried out using special stirrers in wear-protected steel cells or tanks at high solids concentration.
- Optimum effect is achieved when the ratio of water to solids is reduced to the point where the slurry is just able to flow while the agitators are running.
- Adhesive contaminants are loosened from the particle surface and agglomerates dispersed.
- The suspended solids can finally be clarified with water.
- Attrition cell coolers
- Inlet and outlet chutes
- Flush pipework
- Support chassis, galvanised walkways and access

Model: CDE Sump and Pump

Proposed Product Specifications:

- Mild steel sand slurry sump
- Automatic sump level controls (stainless steel)
- Feed / overflow points each side
- Steel backed rubber pump protection mats
- Skid mounted with integrated base for pump and motor
- Heavy duty centrifugal sand slurry pump complete with motor and drive

Designed and built for maximum removal of contaminants from your fine material, ShearClean ensures the production of consistently graded material, allowing you to improve the efficiency of your downstream production processes. This patented technology consistently provides efficient contaminant removal for high quality sand products. ShearClean requires less power, reducing your running costs and maximising the efficiency of your processing plant.

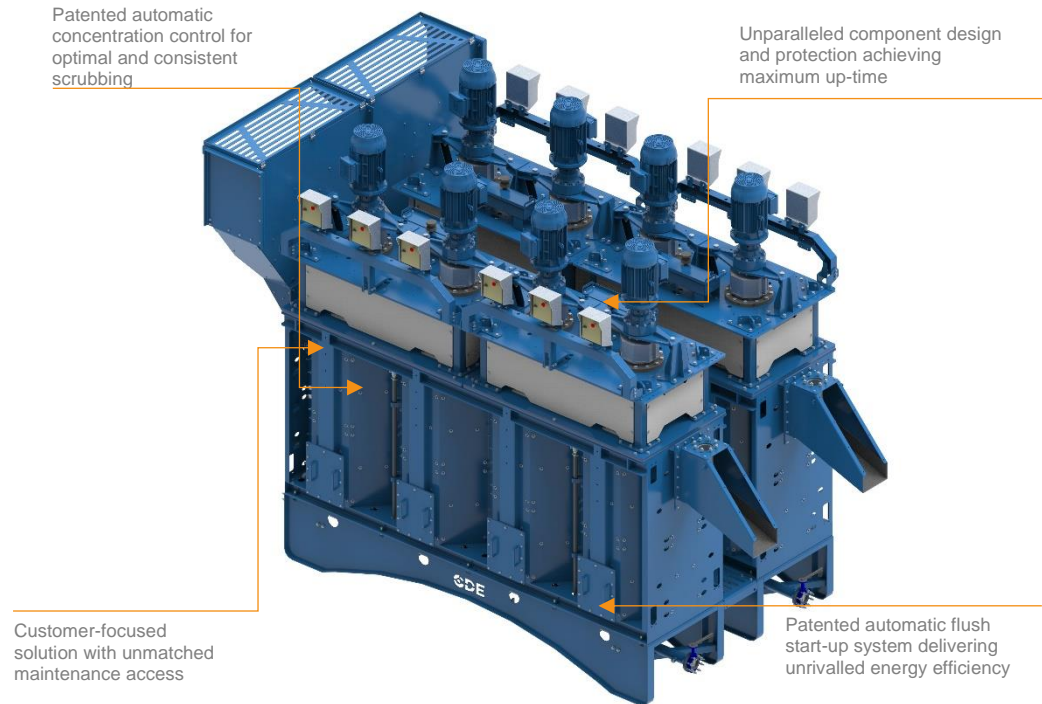


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Patents:

ShearClean™

Water optimisation feature GB 2549290, Water flush starting design GB 2533597

ITEM 5: EVOWASH WITH CFCU

Density & Sizing Classification System

Model: EvoA.62.150.55

Qty: 2x

Proposed Product Specifications:

- Infinity D1-65 dewatering screen (1.8m x 4.0m)
 - Dual product
- Mild Steel cyclone frame cyclone frame
- Linatex rubber lined modular cyclone(s)
 - Overflow discharge chamber
 - Dual pass cyclone arrangement
- Mild steel sand slurry sump sand slurry sump
- Heavy duty centrifugal sand slurry pump complete with motor and drive
- Screen cover independent of vibrating screen
- Galvanised walkways and handrails with GRP flooring and steps, for easy access and maintenance

CDE Infinity screens include the following features:

- Galvanised finish
- All structural connections and sidewalls secured by vibration resistant fasteners including lockbolts
- Isenmann polyurethane screening media
- Spraybars fitted to screen
- Discharge chutes with wear liners specific to application
- Firestone Marsh Mellow® supports

Model: CFCU 300

Qty: 2x

Proposed Product Specifications:

- Mild steel tank with rubber lined floor, overflow weir, feed box and discharge pipework
- Integrated water pipework and pneumatic flushing sequences
- Ceramic pressure transducer and PLC controlled pinch valves to monitor and control teeter bed height
- Digital flow meter to monitor upward flow water supply
- Support structure with integrated work platform
- Galvanised walkways

Developed over 25 years, our signature product, the EvoWash™, embodies CDE's focus on innovation and engineering excellence. This innovative Counter Flow Classification Unit (CFCU) provides an effective system for removal of lightweight contamination from your fine material fraction. Its unique features provide sand classification by mass & density where water is used to suspend particles at the cut point. This machine can be used in a wide range of applications such as:

- **Glass/ Casting/ Frac sands:** Control of particle size distribution and Removal of organics

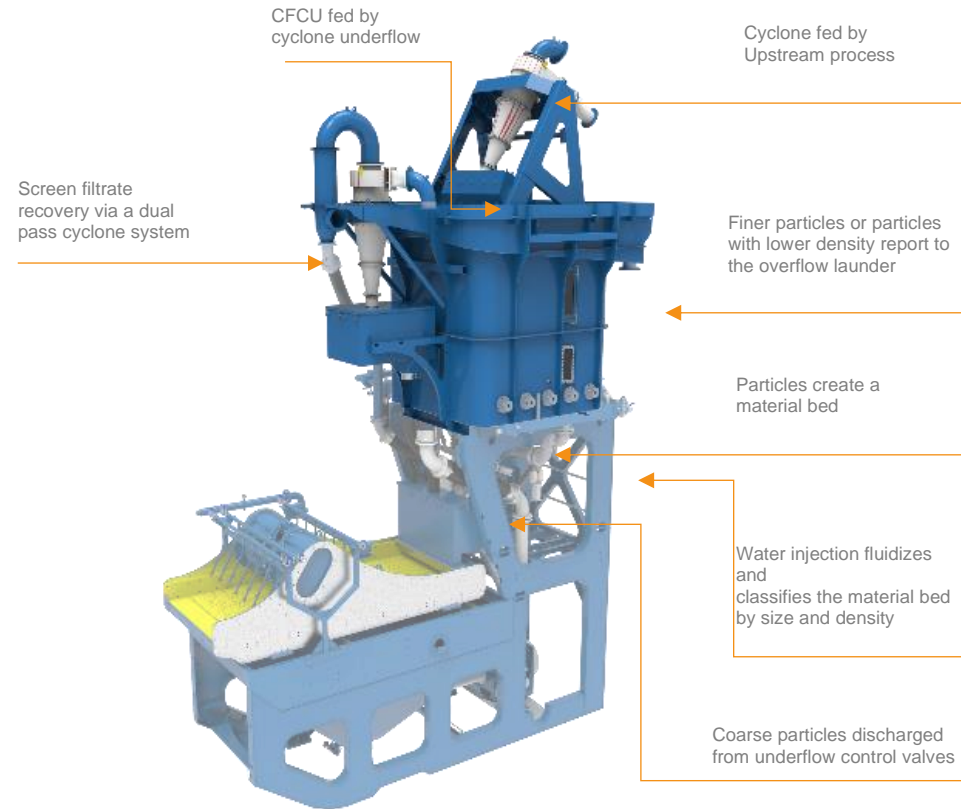


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Patents:

Infinity Screens™ D-Line

Trilogy side walls - GB 2505483, US 9643115 and CA 2882997, U-Span cross members – GB 2515489

ITEM 6: CONVEYORS

Static Conveyors (5x)

Proposed Product Specifications:

- Feedboot to receive material
- Multi-ply fabric rubber conveyor belt
- Tungsten tipped belt scraper
- Adjustable skirting rubbers
- All necessary troughing and return rollers
- Motorised head drum
- Lagged head drum
- Crowned tail and head drums to assist belt tracking
- Guarded to CDE specification

Additional Specifications:

- Galvanised walkway along one side and around head section, complete with handrails and emergency pull cord (Static Conveyors only)
- SNL series bearings fitted on belt feeder to suit heavy duty application with exception of gearbox side of the head drum which is fitted with a Cooper split bearing unit to allow replacement without need of gearbox removal (Static Conveyors only)
- Motorized radial action (inc radial train, buffers and rotating structure) (Radial conveyors only)
- Beltweighers, Quantity x2

CDE offer a range of conveyors for all your material transfer and stockpiling requirements. CDE conveyors are custom built to provide the optimum transfer point and plant layout. Only the highest quality components are used so that our conveyor is robust and long-lasting.

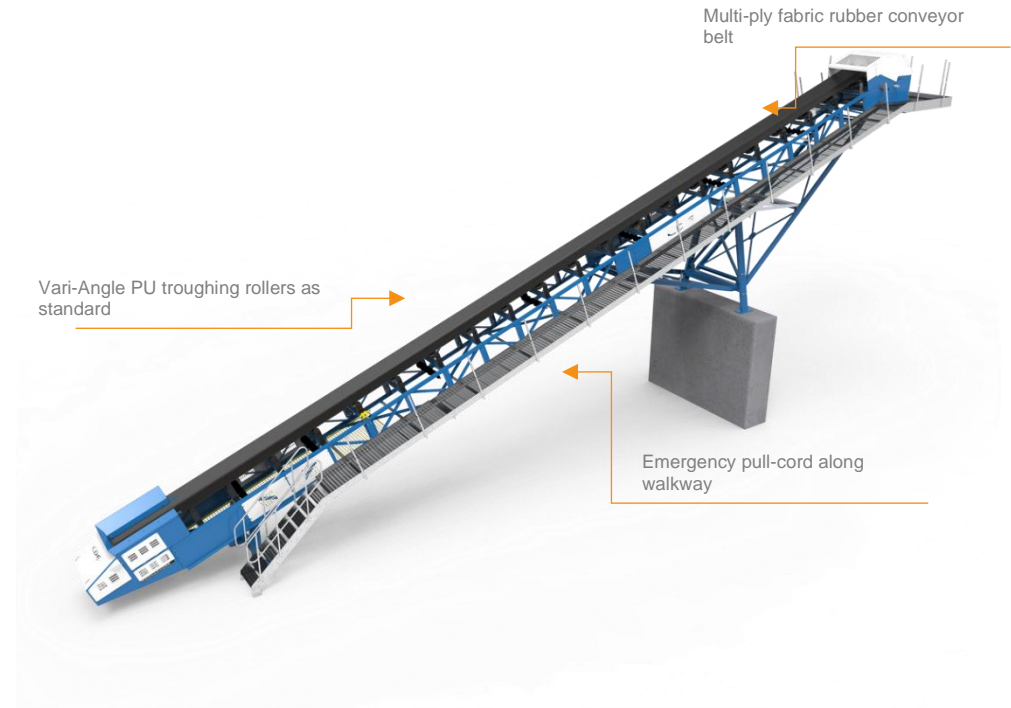


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ITEM 7: EVOWASH™

Sand Classification & Dewatering System

Model: 251

Proposed Product Specifications:

- Infinity D1-65 dewatering screen (1.8m x 4.0m)
 - Single product
- Mild Steel cyclone frame cyclone frame
- Linatex rubber lined modular cyclone(s)
 - Overflow discharge chamber
- Mild steel sand slurry sump lined sand slurry sump
- Heavy duty centrifugal sand slurry pump complete with motor and drive
- Screen cover independent of vibrating screen
- Galvanised walkways and handrails with GRP flooring and steps, for easy access and maintenance

CDE Infinity screens include the following features:

- Galvanised finish
- All structural connections and sidewalls secured by vibration resistant fasteners including lockbolts
- Iseman polyurethane screening media
- Spraybars fitted to screen
- Discharge chutes with wear liners specific to application
- Firestone Marsh Mellow® supports

Developed over 25 years, our signature product, the EvoWash™, embodies CDE's focus on innovation and engineering excellence. Custom-made to our clients' specifications, no other fine material washing and classification plant can match the quality or refinement of the EvoWash™

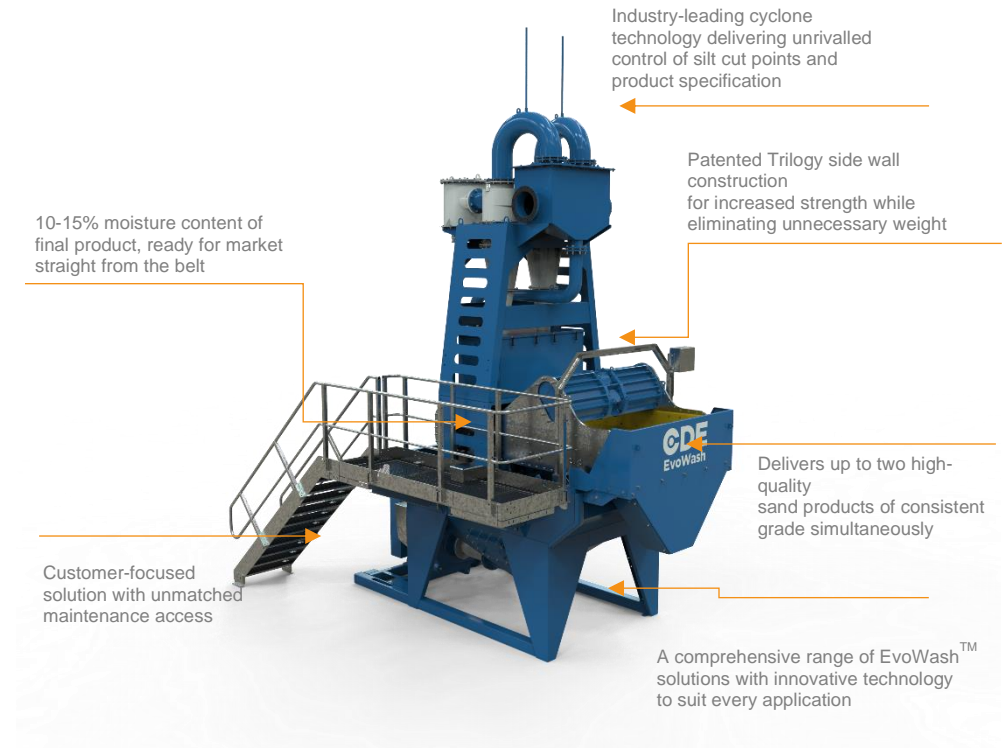


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Patents:

Infinity Screens™ D-Line

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ITEM 8: AQUACYCLE™

High-rate thickener for primary stage water management

Model: A1500

Proposed Product Specifications:

- Mild steel thickener tank coated in marine spec paint with flushing valves and pipework
- CDE optimised slurry feed system including multiple poly dosing locations, integrated deaeration chamber and centre feedwell
- Rake torque monitoring system for accurate sludge level control including motor, gearbox and heavy-duty transmission shaft
- Rake support bridge and galvanised walkways and access
- Centrifugal pump to discharge thickened sludge
- The AquaCycle requires constant uninterrupted 3-phase power supply
- Compressor fitted into cabin for pneumatics
- PLC Control panel fitted into 12m control cabin
- FlocStation installed and pre-tested in control cabin
- Modem included for remote diagnostics
- Air conditioning unit installed to maintain safe working temperature of control unit

The AquaCycle™ is a high-rate thickener, recycling up to 90% of the process water for immediate re-use in the system. It is a cleaner, more environmentally-friendly solution designed with a minimal footprint.



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Patents:

Slurry concentrator GB 2488995

ITEM 9: AQUASTORE WITH STATIC SCREEN

Model: AS1015

Proposed Product Specifications:

- 100m³ sectional steel water tank complete with water recycle pump
- Radar Sensor for measuring water level
- Manual drain valves
- Inspection hatch

Model: CDE Static Screen

Product Specifications:

- Static Screen for removal of lightweights
- Inlet chamber to distribute evenly over width of screen
- Horizontally slotted apertures
- Gravity Solids discharge
- Galvanised Access Stairs & Platform for Static Screen
- Water pipework to enable attachment of Static Screen over AquaStore

The AquaStore system is designed to make your processes more efficient and environmentally friendly. It is a skid frame pumping system for use in the water treatment phase of sand washing, quarrying and recycling operations. The AquaStore receives recycled water from the AquaCycle thickener which is then recirculated, reducing the volume of fresh water required to feed your washing plant.

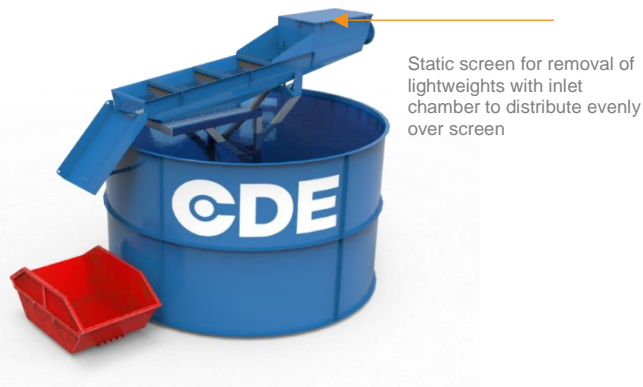


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ITEM 10: CONTROL CABIN & PANEL

- 12m insulated control station
- Secure and vandal proof complete with lights
- PLC control panel to control the complete plant
- Air conditioning unit installed to maintain safe working temperature of control unit



SCOPE OF SUPPLY DESCRIPTION	RESPONSIBILITY		
	CDE	Customer	N/A
Product layout design and drawings	*		
Site layout drawings		*	
Outline civil drawings – detailing concrete loading and service details. Site assembly and transport drawings	*		
Concrete and rebar design		*	
All necessary civil works including ducting and pipework where applicable		*	
Mechanical Installation Team (Where CDE is not responsible for provision of craneage, the Customer must make available to CDE for review its lift plan two weeks prior to CDE arriving on Site)		*	
Technical Advisor for Installation (The CDE appointed representative made available to the Customer with specialist technical knowledge of the equipment supplied and able to advise the customer on the installation of the equipment only, for the avoidance of doubt such advice does not include labour, supervising of Customer provided labour or slinging operations)	*		
Commissioning Engineer	*		
All necessary craneage, elevated working platforms, telehandlers and other working at height equipment for erection and commissioning (as indicated by CDE) <ul style="list-style-type: none"> Where CDE is not responsible for provision of cranes, the Customer must ensure they follow the legal requirements for their jurisdiction including the provision of crane supervisor, slinger/banksman, lift plans and lifting gear 		*	
Principal contractor requirements		*	
Fresh water supply / pipework / connection		*	
Top-up water supply / pump / pipework / connection		*	
Waste water / emergency overflow pipework / connection / supply		*	
Poly dilution water supply / pump / pipework / connection		*	
Control panel form 2 for washing plant	*		
3 Phase, 400V, 60Hz, neutral and earth supply		*	
Mains supply (T-N-CS required) / connection to control panel(s) (cable and labour)		*	
Distribution board to supply separate equipment - including cables and connections		*	
Power factor correction unit		*	

SCOPE OF SUPPLY DESCRIPTION	RESPONSIBILITY		
	CDE	Customer	N/A
Standard pre-wiring of CDE plant to UK/European standard, internal cable cores brown, black, grey and earth (yellow/green) (outside of UK/Europe the colour identification on internal cables will be sleeved to suit regional legislation)	*		
Site wiring (supply and connection of all site cables that cannot be pre-wired at CDE factory)		*	
Electrical commissioning	*		
Site lighting		*	
Site CCTV cameras		*	
Any disconnections (existing plant items on Site)		*	
Vulcanising of conveyor belts that cannot be vulcanised prior to dispatch (where CDE are not responsible for mechanical installation) (if within proposed scope)		*	
Polyelectrolyte / Coagulant / Antifoam supply. [Outside UK] Customer must ensure to have a supply of these available for the Commissioning process		*	
Re-gasing of air-conditioning unit		*	
Water storage tank for cloth washing system if specified		*	
Modifications / Adjustments to existing plant items		*	
Legalization / Certification of documents		*	
Any item or service not specifically mentioned		*	
Sample of raw feed material that is representative of all material available on Site for processing, including an analysis of such sample		*	

Please note that in some instances and depending on complexity, CDE reserve the right to supply services where possible and practical on a remote basis.

ADDITIONAL SERVICES

Health & Safety

- CDE undertakes rigorous checks to ensure its products comply with UK health and safety standards. However, given the differences in opinion amongst CDE's customer base regarding health and safety compliance, the Customer must satisfy itself that the Products meet its own health and safety standards. In this regard, CDE will make available, upon request, the relevant manuals, pictures and site visits to demonstrate current standards adhered to prior to signature of this Order Acknowledgement. Any requests after the Order Acknowledgement is signed for amendments to the Products to comply with the Customer's health and safety standards will be subject to execution of a variation agreement and a mutually agreed upon fee.

Please note all travel and attendance onsite by CDE employees is subject to UK Foreign and Commonwealth Department advice found at <https://www.gov.uk/foreign-travel-advice>. In the event that a travel advisory against travel to the particular country or region in which the site is located is issued, CDE employees will be unable to attend site. In this event CDE may elect at its own discretion to either use its best endeavours to comply with its contractual obligations via a third party or refund the equivalent portion of the contract it is unable to perform.

Operator Training

- Training on plant operation.
- It is preferred that the operator will be present for Installation.
- It is essential that the operator is present for Commissioning.

Delivery Process

- Analysed, Assembled, Tested, Quality checked, Dismantled and packaged before leaving CDE headquarters. (F.A.T. if required)
- Delivery to CIP Port Buenos Aires (Argentina) of all listed items
- INCOTERMS® 2020 (CIP)

Other Services

- CDE ProMan (World Class Project Management)
- Pipework within proposed washing system (no pipework to or from CDE system)
- Operation and maintenance manuals
- Painted to standard CDE colours, RAL 5015 & RAL 9016

TERMS AND CONDITIONS

Warranty

- CDE provides warranty cover for the Products as detailed in the CDE Warranty Terms and Conditions, available at <https://www.cdeglobal.com/media/8415/cde-wtcs-february-2018.pdf>
- The Warranty Period is the earlier of: (i) 36 months or 6000 hours (whichever is sooner) from the date of Commissioning, or delivery of the Products where CDE is not responsible for Commissioning; or (ii) 36 months from receipt of Goods Readiness Notification.

CDE equipment complies with rigorous Health & Safety Standards based on our experience with global aggregate producers over many years. Given the differences in opinion amongst our Customer base regarding H&S compliance, the Customer must satisfy himself at the outset that the Equipment supplied satisfies their own Company H&S Standards. In this regard, CDE will make available, upon request, the relevant manuals; pictures and site visits to demonstrate current standards adhered to prior to confirmation of the Order. Any requests, after the Order is agreed and signed, for amendments to equipment regarding compliance to individual company standards will be charged on a mutually agreeable fee.

Approximate Dispatch Period

- Design work shall commence when the last of the following is received: (i) signed Order Acknowledgement; (ii) Deposit in full; and (iii) any agreed security (if applicable).
- The Dispatch Period shall commence upon receipt of full deposit and sign-off of the Layout by CDE and the Customer.
- With CDE's programme of works as at the OA Issue Date set out above, it is anticipated that dispatch will occur within an approximate period of 28-32 working weeks following commencement of the Dispatch Period.
- The Dispatch Period shall be reviewed and confirmed by the CDE ProMan immediately following commencement of design work and sign-off of the Layout to ensure validity.
- The Contract shall be deemed complete once all concerns from the "Punch List" (being the register compiled by the Customer to be agreed with CDE one week after Commissioning, irrespective of any performance criteria) are satisfactorily resolved. In the event that the Punch List is not presented by the Customer at the end of this one week period, CDE will compile the Punch List and it will be deemed accepted as final by the parties.

PRICING SUMMARY

Summary	
TOTAL (including additional services) USD	USD 6,800,000

Payment Terms

- 30% Deposit on signature of this Order Acknowledgement
- 50% To Facilitate Start of Final Assembly and Testing of products
- 20% Goods Readiness Notification

Commercial Terms

- Our quotation is valid for acceptance within a period of 30 days
- All prices quoted are USD (American Dollar) and exclude any other relevant taxes or import duties
- This quotation is subject to CDE General Terms & Conditions of Sale including CORE (CAPITAL EQUIPMENT) - August 2021 – a copy of which is available on request