

[illegible]

S. NO.	ITEM DESCRIPTION-1	ITEM DESCRIPTION-2	ITEM DESCRIPTION-3	HSN code	QUANTITY	TOTAL EX. WORK PREVIOUSLY PACKAGED (MM)	Freight %	Freight Amount (MM)	Total Price (EX WORKS + FREIGHT) (MM)	GST TYPE	GST IN %	GST AMOUNT (MM)	TOTAL FOR SITE PRICE (MM)	Total For Site Price in words (MM)
I.1(a)	MECHANICAL	Hydro-cyclones (Gypsum Primary Dewatering, Secondary Waste Water and any other Hydro-cyclones)	Hydro-cyclone isolation Valve	84219900	10% of each type OR 1 no. whichever is higher									
I.1(b)	MECHANICAL	Hydro-cyclones (Gypsum Primary Dewatering, Secondary Waste Water and any other Hydro-cyclones)	Hydro-Cyclone	84219900	10% of each type OR 1 no. whichever is higher									
I.1(c)	MECHANICAL	Hydro-cyclones (Gypsum Primary Dewatering, Secondary Waste Water and any other Hydro-cyclones)	Hydro-Cyclone rubber lining - feed chamber & overflow chamber	84219900	10% of each type OR 1 no. whichever is higher									
I.1(d)	MECHANICAL	Hydro-cyclones (Gypsum Primary Dewatering, Secondary Waste Water and any other Hydro-cyclones)	Vortex Finder & Apex Inserts	84219900	10% of each type OR 1 no. whichever is higher									
I.2(a)	MECHANICAL	Vacuum Belt Filter	Filter Cloth	84219900	4 sets									
I.2(b)	MECHANICAL	Vacuum Belt Filter	Belt	84219900	1 sets									
I.2(c)	MECHANICAL	Vacuum Belt Filter	Vacuum Box Seals	84219900	2 sets									
I.2(d)	MECHANICAL	Vacuum Belt Filter	Drive Motor	84219900	1 no.									
I.2(e)	MECHANICAL	Vacuum Pumps	Pump Impeller Assembly	84219900	1 no.									
I.2(f)	MECHANICAL	Vacuum Pumps	Pump Bearing	84219900	1 set									
I.2(g)	MECHANICAL	Vacuum Pumps	Seals	84219900	1 set									
I.2(h)	MECHANICAL	Vacuum Pumps	Motor	84219900	1 no.									
I.2(i)	MECHANICAL	Vacuum Breaker Valves	Valve Assembly	84219900	1 no.									
I.2(j)	MECHANICAL	Vacuum Breaker Valves	Actuator	84219900	1 no.									
I.2(k)	MECHANICAL	Slurry Pumps	Impeller Assembly	84219900	4 no. of each type and size									
I.2(l)	MECHANICAL	Slurry Pumps	Complete Casing	84219900	1 no. of each type and size									
I.2(m)	MECHANICAL	Slurry Pumps	Casing Liners (where replaceable liners are provided)	84219900	1 set*									
I.2(n)	MECHANICAL	Slurry Pumps	Seals	84219900	4 set of each type and size									
I.2(o)	MECHANICAL	Slurry Pumps	Bearings	84219900	1 no. of each type and size									
I.2(p)	MECHANICAL	Slurry Pumps	Motor	84219900	1 no. of each type and size									
I.2(q)	MECHANICAL	Slurry Pumps	Gear Box	84219900	1 no. of each type and size of pump									
I.2(r)	MECHANICAL	Slurry Pumps	Motor Pump Coupling	84219900	1 no. of each type									
I.2(s)	MECHANICAL	NA	Slurry Valves	84219900	4 no. of each type and size									
I.2(t)	MECHANICAL	NA	Slurry Line Bends	84219900	4 no. of each type and size									
I.2(u)	MECHANICAL	Slurry Pumps	Complete Impeller Assembly	84219900	1 no. of each type									
I.2(v)	MECHANICAL	Slurry Pumps	Casing Liners	84219900	1 set* of each type									
I.2(w)	MECHANICAL	Slurry Pumps	Bearings	84219900	1 set									
I.2(x)	MECHANICAL	Slurry Pumps	Motor	84219900	4 no. of each type									
I.2(y)	MECHANICAL	Slurry Pumps	Pump discharge valve assembly	84219900	1 no. of each type									
I.2(z)	MECHANICAL	Horizontal Centrifugal Pumps	Complete Impeller Assembly	84219900	1 no. of each type									
I.2(A)	MECHANICAL	Horizontal Centrifugal Pumps	Casing Liners	84219900	1 set* of each type									
I.2(B)	MECHANICAL	Horizontal Centrifugal Pumps	Bearings	84219900	1 set*									
I.2(C)	MECHANICAL	Horizontal Centrifugal Pumps	Motor	84219900	1 no. of each type									
I.2(D)	MECHANICAL	Horizontal Centrifugal Pumps	Pump discharge valve assembly	84219900	1 no. of each type									
I.1.01.01	MEASURING INSTRUMENTS	MEASURING INSTRUMENTS	(i) Transmitters of all types and model no. (for measurement of pressure, differential pressure, flow, level, temp, etc.) this shall include magnetic/ electromagnetic flow meter, mass flow meter also.	84219900	10% or 1 no. of each type and model, whichever is more.									
I.1.01.02	MEASURING INSTRUMENTS	MEASURING INSTRUMENTS	Temp Elements along with thermo well (except winding temp elements of motor)	84219900	10% or 2 no. of each type, model & length, whichever is more.									
I.1.01.03(a)	MEASURING INSTRUMENTS	MEASURING INSTRUMENTS	(ii) Process Actuated Switches (Pressure, Differential pressure, flow, level, temp, etc.)	84219900	10% or 2 no. of each type and model, whichever is more.									
I.1.01.03(b)	MEASURING INSTRUMENTS	MEASURING INSTRUMENTS	(iii) Limit switches (for pneumatic and manual valves)	84219900	10% or 2 no. of each type and model, whichever is more.									
I.1.01.04	MEASURING INSTRUMENTS	MEASURING INSTRUMENTS	Local Gauges for Pressure, Differential pressure, flow, level, temp.	84219900	1% or 1 no. of each type, model and range, whichever is more.									
I.1.02.01	MEASURING INSTRUMENTS	PROCESS CONNECTION PIPING (For Impulse Piping / Tubing and Air Supply Piping as Applicable)	Valves of all types and models	84219900	10% or 1 no. of each type, class, size and model whichever is more.									
I.1.02.02	MEASURING INSTRUMENTS	PROCESS CONNECTION PIPING (For Impulse Piping / Tubing and Air Supply Piping as Applicable)	2 way, 3way, 5way valve manifolds	84219900	10% or 1 no. of each type, class, size and model whichever is more.									
I.1.02.03	MEASURING INSTRUMENTS	PROCESS CONNECTION PIPING (For Impulse Piping / Tubing and Air Supply Piping as Applicable)	Fittings	84219900	10% or 1 packet of each type, class, size and model whichever is more.									
I.1.02.04	MEASURING INSTRUMENTS	PROCESS CONNECTION PIPING (For Impulse Piping / Tubing and Air Supply Piping as Applicable)	Purge meters	84219900	1% of each model or 1 no. whichever is more.									
I.1.02.05	MEASURING INSTRUMENTS	PROCESS CONNECTION PIPING (For Impulse Piping / Tubing and Air Supply Piping as Applicable)	Filter regulators	84219900	20% of each model or 2 nos. whichever is more.									
I.1.03.01	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Pneumatic and electro-hydraulic actuator assembly	84219900	10% or 1 no. of each type, model and rating, whichever is more.									
I.1.03.02	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Valve trim (including cage, plug, stem, seat rings, guide bushings etc.)	84219900	1 set for each type of control valve.									
I.1.03.03	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Diaphragms, O' rings, seals etc. of all types make etc.	84219900	100%									
I.1.03.04	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Pressure Gauges of all types, make, rating etc.	84219900	10% or 2 nos. of each type whichever is more.									
I.1.03.05	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Solenoid valves (if applicable)	84219900	10% or 2 nos. of each type whichever is more.									
I.1.03.06	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Positioner units (complete unit) accessories (link assembly)	84219900	10% or 1 no. of each type whichever is more.									
I.1.03.07	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Pneumatic air-filter/Regulator of each type, make rating etc.	84219900	10% or 2 Nos., whichever is more									
I.1.03.08	MEASURING INSTRUMENTS	CONTROL VALVES, ACTUATORS & ACCESSORIES	Air lock relays	84219900	10% or 2 nos. of each type whichever is more.									
I.1.04.01	MEASURING INSTRUMENTS	PNEUMATICS ISOLATION / BLOCK VALVES, ACTUATORS & ACCESSORIES (For all ON/OFF valves supplied under this package)	Pneumatic actuator assembly	84219900	10% or 1 no. of each type, model and rating, whichever is more.									
I.1.04.02	MEASURING INSTRUMENTS	PNEUMATICS ISOLATION / BLOCK VALVES, ACTUATORS & ACCESSORIES (For all ON/OFF valves supplied under this package)	Diaphragms, O' rings, seals etc. of all types make etc.	84219900	100%									
I.1.04.03	MEASURING INSTRUMENTS	PNEUMATICS ISOLATION / BLOCK VALVES, ACTUATORS & ACCORIES (For all ON/OFF valves supplied under this package)	Limit switches (complete unit) & accessories (link assembly)	84219900	10% or 2 Nos., whichever is more									
I.1.04.04	MEASURING INSTRUMENTS	PNEUMATICS ISOLATION / BLOCK VALVES, ACTUATORS & ACCESSORIES (For all ON/OFF valves supplied under this package)	Pneumatic air-filter/Regulator of each type, make rating etc.	84219900	10% or 2 Nos., whichever is more									
I.1.05.01	MEASURING INSTRUMENTS	ELECTRICAL ACTUATORS	Actuators	84219900	10% or 2 nos. of each type and rating									
I.1.05.02	MEASURING INSTRUMENTS	ELECTRICAL ACTUATORS	Electronic PCB of all types	84219900	10% of each type & model									
I.1.05.03	MEASURING INSTRUMENTS	ELECTRICAL ACTUATORS	Absolute Encoder (replaceable part)	84219900	1% of each type & model									
I.1.05.04	MEASURING INSTRUMENTS	ELECTRICAL ACTUATORS	Electronic Torque sensor	84219900	1% of each type & model									
I.1.06.01(a)	MEASURING INSTRUMENTS	VFD SYSTEM - Electronic cards	Control modules	84219900	1 no. of each type & rating									
I.1.06.01(b)	MEASURING INSTRUMENTS	VFD SYSTEM - Electronic cards	IO module	84219900	1 no. of each type & rating									
I.1.06.01(c)	MEASURING INSTRUMENTS	VFD SYSTEM - Electronic cards	Power supply modules	84219900	1 no. of each type & rating									
I.1.06.01(d)	MEASURING INSTRUMENTS	VFD SYSTEM - Electronic cards	Gate module including gate transformer	84219900	100% of each channel									
I.1.06.02	MEASURING INSTRUMENTS	VFD SYSTEM	Power device (Thyristor, IGBT etc.) bridge leg	84219900	1 no. (Qty. for one ph.)									
I.1.06.03	MEASURING INSTRUMENTS	VFD SYSTEM	Over voltage limiter and surge suppressor network	84219900	1 set									
I.1.06.04	MEASURING INSTRUMENTS	VFD SYSTEM	Semi conductor fuses for Power device (Thyristor, IGBT etc.)	84219900	1 set									
I.1.06.05	MEASURING INSTRUMENTS	VFD SYSTEM	Power & Control Fuse	84219900	15% of installed quantity.									
I.1.06.06	MEASURING INSTRUMENTS	VFD SYSTEM	Control Transformer	84219900	1 no. of each type & rating									
I.1.06.07	MEASURING INSTRUMENTS	VFD SYSTEM	Contactor/Breaker	84219900	1 no.									
I.1.06.08	MEASURING INSTRUMENTS	VFD SYSTEM	CT/VT	84219900	1 no. of each type & rating									
I.1.06.09	MEASURING INSTRUMENTS	VFD SYSTEM	Indicating lamps	84219900	100% of each type & rating									
I.1.06.10	MEASURING INSTRUMENTS	VFD SYSTEM	Auxiliary contactors & relays	84219900	1 no. of each type & rating									
I.1.06.11	MEASURING INSTRUMENTS	VFD SYSTEM	Indicating lamp holder full set	84219900	100% of each type & colour									
I.1.06.12	MEASURING INSTRUMENTS	VFD SYSTEM	Panel mounted meters	84219900	1 no. of each type & rating									

S. NO.	ITEM DESCRIPTION	HSN CODE	UOM	QUANTITY	UNIT PRICE (INR)	TOTAL PRICE (INR)	GST TYPE	GST rate in %	GST AMOUNT (INR)	TOTAL FOR SITE PRICE (INR)	TOTAL FOR PRICE IN WORDS (INR)
i-a	COST OF SUPERVISION FOR SERVICES-Total lump sum prices for site visits should include to/ fro site travel expenses, visa/ insurance (as applicable), intermediary stay for Supervision of assembly, erection and commissioning, trial run at site & training to Customer's O&M staff at site.	998732	Nos.	4							
i-b	COST OF SUPERVISION FOR SERVICES-Total lump sum prices for Supervision of assembly, erection and commissioning, trial run at site & training to O&M staffs at Site including, local transportation, boarding, lodging & other related expenses.	998732	days	60							
ii	Total Lump sum price for successful conductance of Performance Guarantee test and handover in flawless condition of the package to the customer shall include to/ fro site travel expenses, visa/ insurance (as applicable), intermediary stay, local transportation, boarding & lodging & other related expenses.	998732	LOT	1							
iii	Total Lump sum price for training of employees of customer at manufacturer's works (6 man days including lodging and boarding)	998732	LOT	1							